



## NEXT GENERATION TECHNOLOGY

We love taking on challenging projects that require full-on content strategy, thoughtful design, demanding development, and ongoing marketing.

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# ABOUT US

## WHO WE ARE?

Diginix-AI takes pride in the partnerships we form with all of our clients. Our mantra is “Be Thoughtful in Everything You Do.” We believe that if you put an extra measure of considered thought into every design, plan and interaction, the results will exceed expectations.

Digital technology has made our world more transparent and interconnected, posing new challenges and opportunities for every business. A holistic, user-centric perspective is what truly sets one apart. Successful products and services do not exist in a void but are seamlessly immersed in a person’s life. This is why we approach every project with a double-lens view, focusing on both the target audience (characteristics, needs, problems) and the client (strategy, profitability, market). Once the area with most potential has been identified, our technical and design experts step in to ensure a state-of-the-art execution.

By connecting user-first insights with design methods and technology, we believe that lasting value comes from making things better – not just making better things.

## PHILOSOPHY      MISSION

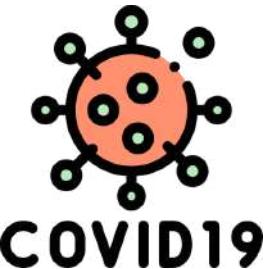
Our company philosophy is to create the kind of product that most businesses want: Proving its purpose, easy to access easy to find, stylish and appealing, quick loading, mobile responsive and easy to buy from.

We’ve designed our entire process and products around providing everything a small businesses needs when they’re starting out – ensuring that working with us is always a quick, easy and hassle-free experience. We give our clients full control of their website without a ridiculous price tag, and our friendly team offers their expertise even after your website is live.

# LIST OF OUR BATTLE TESTED PRODUCTS

## COVID CAPTAIN

Mobile application based on State of the art algorithm, capable to alert if user has ever in contact with Covid19 Positive patient



## TRACTION FOR RESTAURANTS

Online food order and table booking system, successfully running on 120+ restaurants. Freedom from commission based services.



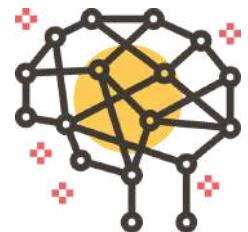
## HRMS FOR POLICE

Advance Automated AI based Police Ecosystem of 60 application following completed police rule book.



## ATAL TINKERING LABS

Robotics, AI & Programming kits for skill development. Suitable for Class 1 to XII students.



## ETRIX MESSENGER

Marketing platform capable to deliver 1 to 1 million emails or SMS in a second.



## FORCE DEPLOYMENT TOOL

Automatic Police deployment system, successfully implemented for govt. of india and facilitated 50 million people during world largest fest kumbh mela.



# LIST OF OUR BATTLE TESTED PRODUCTS

## MASTER HANDYMAN PRO

Master Handy Man mobile application for android and apple with Web Dashboard caters each and every need of a service market apps with unlimited service.



## ZAMKAN APP

Zamkan App is a 6 in 1 application which includes more than 80 beautifully designed screens. Product is all about e-commerce and service based applications.



## DOG DROP

Fully Featured Dog Facility Center, Advance Dog Management System which caters each and every need of a Dog Center.



## GAME X

Game X is one of the high value product that our company is developing. Client is the Legend himself – BONO, Paul Hewson with a net-worth of 700Million USD.



## AIMS

(AIMS) Advance E-learning Institute management system which caters each and every need of an institute related to online education, e-learning and internal management.



## KNOTTY DATING APP

Knotty Dating App is an unique app which comes with many unique features inclusive of restaurants availability and suggestions to setup dates with discounts.



We deliver product  
that work, and we  
stand behind them.

# OUR BEST SERVICES



## CUSTOM SOFTWARE

Our custom software development team is well-experienced on a wide array of technologies and tools.



## ARTIFICIAL INTELLIGENCE

Artificial intelligence encouraged platforms to provide pace & accuracy to customer in everyday business judgements.



## E-COMMERCE

Our e-commerce web developers are well experienced in creating online stores that speak to your customers while showcasing your products.



## MOBILE APPLICATION

Our mobile application development services are designed to deliver cutting-edge, customized mobility solutions for your unique business requirements.



## CUSTOM CRM

We specialise in Custom CRM software development, our team has many years of experience in software development.



## IOT SERVICES

Diginixai digitizes the where what and when of your asset operations and optimizes the same.

We deliver product  
that work, and we  
stand behind them.

# OUR BEST SERVICES



## ERP IMPLEMENTATION

Our ERP services and solutions provide comprehensive process management capabilities that are customized to client needs.



## FINTECH PRODUCTS

Constantly grow your market share by enabling frictionless and secure payments, fintech apps and financial services solutions.



## SALESFORCE

DiginixAi offers end to end salesforce implementation services . We setup, develop and customize to match your business needs.



## BLOCKCHAIN

We provide custom Blockchain development services and enterprise-class implementation solutions for Blockchain platforms.



## WEB DEVELOPMENT

Our Web development solutions are most comprehensive and impactful as it includes all web-based services.



## DIGITAL MARKETING

Digital Marketing or Internet Marketing is the future of advertising. Take it from the digital experts.

# OUR PORTFOLIO





DIGINIXAI'S

# SMART E POLICE

[REQUEST DEMO](#)

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*Portfolio*

**Challenge:** Diginix AI got an opportunity to work with the Government of India, State UP to develop an autonomous platform for UP Police. A 3 years project which included complete study and understanding of the Police force system of India and includes end to end digitalization of the policing system.

The product comprising over 60 applications in a single platform shall not be mistaken as a single application running on Google and Apple store, but it is a complete Police Force Ecosystem and a world class product beating the rankings of some prominent police applications in playstore rankings. Find it yourself. Our product speaks for itself.

**Process:** Diginix AI is a process driven organization with Six Sigma Black Belt Certified Leaders running the company. We believe if the process is right and followed with accuracy, none can stop operational excellence with relentless execution. We are not only a development company but also technical consultants, our quotations has a section for free consulting of the product developed by us per week. We believe that the product developed by us should live with running a successful business. We follow a simple process of execution, where the first step is to brief research about the project and a conference call with the client to understand the exact requirements. We pitch various new ideas and upgrades to clients during this meeting.

Once the requirements are clear and finalized, we prepare a quotation for the client followed by the second conference call to cross check each and every point related to the project.

Once the quotation is finalized, we prepare the contract for the client and send it for submission.

Contract signature is followed by the Purchase order from the client. Where we sign and acknowledge the same. We offer weekly review meetings to the client as per our given milestones for the project and quick means of support by our support id. We believe that the success behind any quality product is the excellent process and dedicated team working on the same.



**Pilot:** We did the live testing of the product for 45 days in the world's largest fest "Kumbh Mela 2019", where we facilitated over 30 million people gathered at the same location.

Our system was responsible for deploying the police force automatically after understanding the requirements of the area and reading different factors about the policemen, like weight, height, body, experience, position etc. 10 hours of manual deployment was reduced to 2 hours by our force deployment system. We have received many national level awards for the same by the government.

**Research:** The product needed 3 years of rigorous work in collaboration with different police departments. The product development required the highest level of security as it was directly related to the state of Uttar Pradesh police. It is the best police platform that has abundant features, superb quality and highly secured. Our highly capable development team discussed every step needed by the government and made a high class product running across the state.

**Design & Development:** High level government officials were involved in the project from the day one. Day to day communication with the Senior Superintendent of Police and District Collector was a routine for our team. Once we understood the system, we proposed the project and design.

Design was approved by the government after few revisions. Police ecosystem comprises 60 different applications which means 60 different running features working collaboratively in a single environment and sharing the same interface.

Our project development team comprises 10 developers working full time on the product with our founders communicating directly with the government official on daily bases.

It took us 8 months to complete the project and pilot it successfully in Kumbh Mela 2019.

**Quality Assurance:** Delivering quality products is one of our value stones in the company. Diginix AI being a process driven company can never go wrong in product delivery and development. Our founders specially channelize their energy on product quality and the following processes.

Quality assurance is a halfway ticket to be a trusted company in any field. Our Testing team checked the health of the Smart E Police Ecosystem, all errors, bugs, connectivity to the servers, loading time of the application, support system, and all the features of 60 different applications inside the same. After checking each and every functionality, we got the product checked by the client and provided training to every police official in the state. Later we conducted a live test of the product in Kumbh Mela 2019, facilitating over 30 million people.



**Conclusion & Result:** Smart E Police is a 5 star product running live on playstore and ranked 1 in the list of Police application applications. It is one of the projects, we have learned a lot during the venture. Diginix AI grows with every project in hand and improves our own system for further relentless execution and timely delivery of quality products.



DIGINIXAI'S  
**TRACTION FOR RESTAURANTS**

*Running live in 120 Restaurants -UK*

**REQUEST DEMO**

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*Portfolio*

**Challenge:** We all have seen restaurants paying high charges per order delivery to companies like Zomato, Swiggy, Uber Eats, Talabat etc. Restaurants don't even get the data of their loyal customers. As per the market research, loyal customers are the one who gives recurring orders to restaurants because they like the food, have the taste, prefer the flavours and like the service of that respective restaurant. Even after receiving recurring orders from loyal customers, restaurants have to pay a per order delivery charge of 7% to 34% for every order.

We can take into consideration that platforms like Zomato, Swiggy etc make way for new customers but why shall a restaurant pay for an old loyal customer?

Secondly, we also found a gap in the market regarding restaurant ecosystem which comprises each and every tool a restaurant can need to operate the business, it may be the marketing, drag and drop customizable website, self hosted advanced analytics based delivery system and operations management tool. Therefore to overcome all these challenges we came up with the product running live in 120 restaurants in United Kingdom, i.e. TRACTION FOR RESTAURANTS.

**Process:** Diginix AI is a process driven organization with Six Sigma Black Belt Certified Leaders running the company. We believe if the process is right and followed with accuracy, none can stop operational excellence with relentless execution. We are not only a development company but also technical consultants, our quotations has a section for free consulting of the product developed by us per week. We believe that the product developed by us should live with running a successful business. We follow a simple process of execution, where the first step is to brief research about the project and a conference call with the client to understand the exact requirements. We pitch various new ideas and upgrades to clients during this meeting.

Once the requirements are clear and finalized, we prepare a quotation for the client followed by the second conference call to cross check each and every point related to the project.

**Portfolio**



Once the quotation is finalized, we prepare the contract for the client and send it for submission.

Contract signature is followed by the Purchase order from the client. Where we sign and acknowledge the same. We offer weekly review meetings to the client as per our given milestones for the project and quick means of support by our support id. We believe that the success behind any quality product is the excellent process and dedicated team working on the same.

**Running Live:** Our product "Traction" has been running live in 120 restaurants for the last 2 years. Traction is a multi-language platform with presence not only in the UK but also in Africa, UAE and India. Recently we have launched the product in the MENA region.

**Research:** Extensive research was conducted before taking the step for development of Traction. Studies were conducted on various topics like, Role of Loyal Customers for restaurants, per order charges for delivery, how & why per order charges differ,

**Traction for restaurants**

average operational cost for a restaurant due to per order charges, savings restaurants can make using Traction and many more. After an aggressive and extensive research of over 6 months, we made TRACTION, a restaurant ecosystem.

**Design & Development:** Traction is a high quality product with a complete restaurant management ecosystem. Few restaurant owners were regularly discussed and feedback was taken during the development of the product. Our highly qualified team worked on the development of the product and completed the same in 4 months. We have a dedicated team who is working on Traction and providing services to 120 restaurants. We can deliver the similar system in 15 days to any new client now. Our R&D team keeps up with the new updates in the product and we will introduce AI in near future.

**Quality Assurance:** Our Testing team checked the health of the Traction, all errors, bugs, connectivity to the servers, loading time of the application, support system, and all the features of the restaurant management system. The product has been frequently updated with new features and tested everyday with our live site service. Any issues faced by any client is revolved on real time bases. Traction is running in 120 restaurants and has facilitated over 100,000 orders so far.

Delivering quality products is one of our value stones in the company. Diginix AI being a process driven company can never go wrong in product delivery and development. Our founders specially channelize their energy on product quality and the following processes. Quality assurance is a halfway ticket to be a trusted company in any field.

#### Recent Works:

- [Planet Vibe](#)
- [Indian Night Restaurant](#)
- [Saffron House Watford](#)



**Conclusion & Result:** Traction is a trusted product running live in 120 restaurants and facilitated over 100,000 orders. The Food and Beverage Industry has high hopes with the product and we are getting huge demands for the same. We have been learning every day from Traction as it is a live project and facilitating thousands of customers daily. Diginix AI grows with every project in hand and improves our own system for further relentless execution and timely delivery of quality products.



DIGINIXAI'S

# MASTER HANDYMAN PRO

*Advance Service Application*

[REQUEST DEMO](#)

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*Portfolio*

**About the Product:** Master Handy Man mobile application for android and apple with Web Dashboard caters each and every need of a service market apps with unlimited service adding functionality, payment gateway and almost each and every feature which you can find in Service Market Application and website. This product was developed for different Clients in USA- Miami, Bahrain, Dubai and India. We call it as Master Handy Man because this product has been in continuous development for last 1 year and upgrade itself with every new client and his/her new requirements. Product has been launched with more than 5 versions for different clients with different customizations hence it has attained an advance level compared to normal Handy man products in the market. Master Handy Man Pro is the most advanced product in the current market and makes operations easy for a business to execute relentlessly.

**USA-Miami:** Independent App

**Govt. of Botswana:** IFirsh App

**Bahrain:** Ideal Fix App

**Angola:** Planet Vibe Service App

**Dubai:** Zamkan App

**Challenges:** Several Client has been using this product in USA, Dubai, Bahrain, India. We had the product ready and every client came up with new ideas and upgrades in the product as per their requirement. Development was quite easy for us. Slowly with time the product has attained an advance status. Soon we will upgrade the same with predictive analysis and Artificial intelligence. Our qualified team delivered the most advanced product in the market before contractual delivery time.

**Process:** Diginix Ai has a set process which is followed for every project. Please refer the Page " " for Process reference.

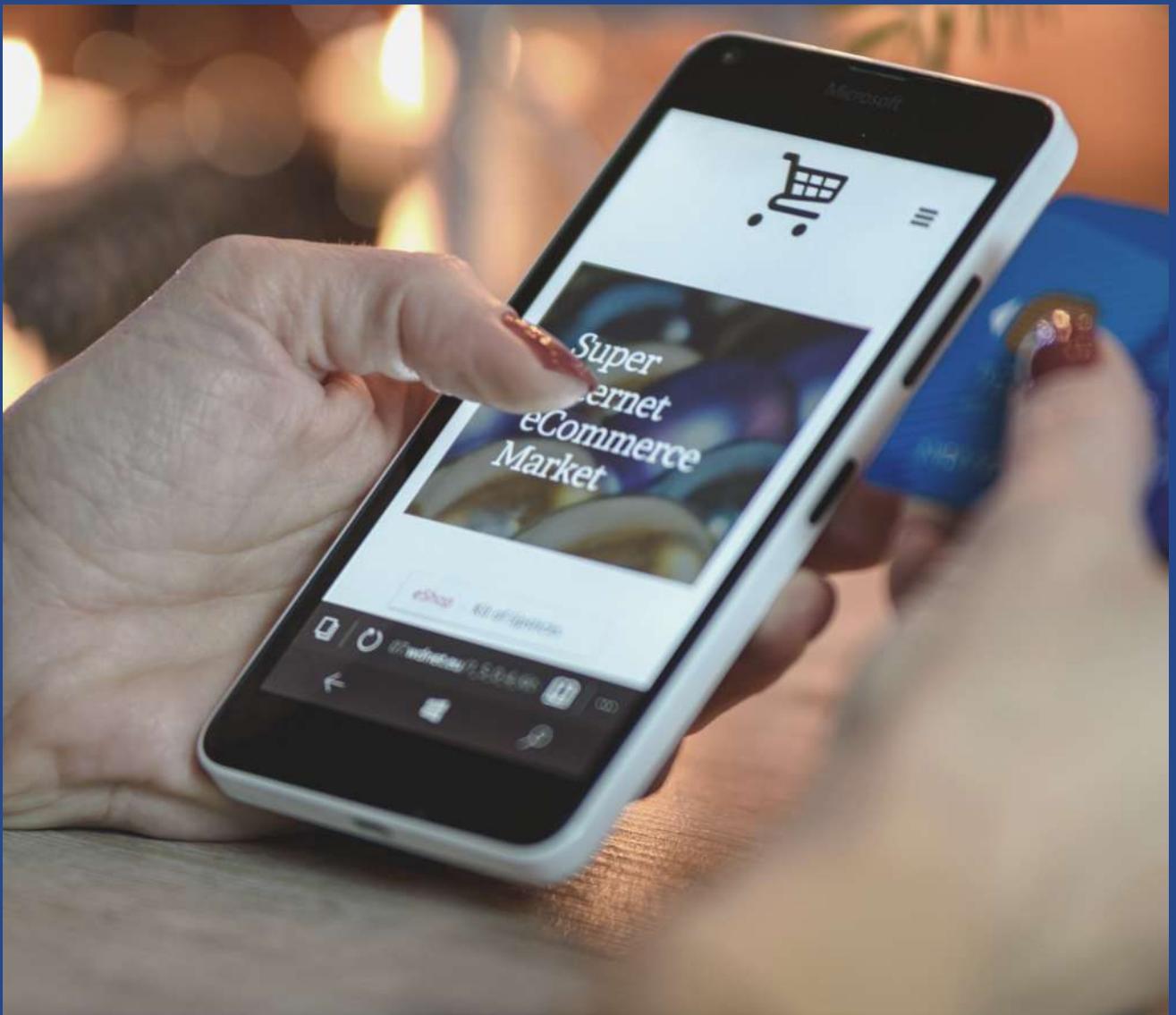
**Design and Development:** It takes 30 working days to complete the project from scratch. Product included android, iphone with web based dashboard with website if required. Product has 80 different forms just like service market application.



Different screen's were designed and functionalities were coded for both android and iphone applications. Reviews and feedback during the development stage were properly taken. Client was given the update on the project weekly with a proper project review session every monday.

**Quality Assurance & Testing:** Product went on live successfully. As the product has been launched multiple times, errors and bugs in the app are not existing. It's a market tested product with 100% accuracy, very high speed and supreme quality. Diginix AI being a process driven company can never go wrong in product delivery and development. Our founders specially channelize their energy on product quality and the following processes. Quality assurance is a halfway ticket to be a trusted company in any field. Our Testing team checked , all errors, bugs, connectivity to the servers, loading time of the application, and support system.

**Conclusion & Result:** Product is market tested and most advance Handyman. Its available for demo.



DIGINIXAI'S

# MULTIPLE ECOMMERCE PORTALS

[REQUEST DEMO](#)

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*Portfolio*

**About the Product:** We have developed multiple commerce portals so far. All our portals supporting multiple languages including Arabic, English, Hindi, Portuguese, and any custom requirement. We have ready products of single vendor, multivendor web portals with mobile applications.

**Challenges:** Development of ecommerce is never been challenging in fact its easiest product we develop in our organization. The challenging part for other companies in ecommerce is to make it fast enough to cater huge number of users. With the massive experience in ecommerce domain, we have mastered the code where we can develop equally fast working application in hybrid code just as its developed in native. Client can request for any customization. We have developed products at the level of amazon as well. Product also comes with lots of AI features and data analytics features with predictive analysis as well.

**Process:** Diginix Ai has a set process which is followed for every project. Please refer the Page " " for Process reference.

**Design and Development:** We can deliver an ecommerce product within 30 days in multiple languages and any programming language as requested by customer. Product can be developed from scratch or from any requested template from client side. Client will be included in every stage of the product development. Client will be given the update on the project weekly with a proper project review session every monday.

**Quality Assurance & Testing:** Diginix Ai always follow waterfall model for development of ecommerce platform where the development is quick and properly tested before launch. We follow this approach for all ecommerce projects where reporting requirements are weekly and contractually agreed. This make sure the quality of the product at milestone level. Diginix AI being a process driven company can never go wrong in product delivery and development. Our founders specially channelize their energy on product quality and the following processes.





# DIGINIXAI'S **ZAMKAN APP**

World's Best Custom Service and maintaince App and website with extra feature of inbuilt ecommerce.

[LIVE DEMO](#)

*Portfolio*

**About the Product:** Zamkan is a 6 in 1 application which includes more than 40 beautifully designed screens. Product is all about e-commerce and service based applications. This is a multipurpose mobile application with lots of features and superbly coded functionalities with angular JS and iconic framework which gives you quick startup with your business. Product includes android application, iphone application, web application, web based dashboard, Web based Admin panel, live chat support and many other features.

**Challenges:** Client was based in Dubai and negotiations on the requirements and features were held for more than 2 weeks. Every design was discussed and finalized with the client. NDA was signed for the product. Client came back to us with adding new features and our team supported us to provide the same within the contractual period.

**Process:** Diginix AI is a process driven organization with Six Sigma Black Belt Certified Leaders running the company. We believe if the process is right and followed with accuracy, none can stop operational excellence with relentless execution. We are not only a development company but also technical consultants, our quotations has a section for free consulting of the product developed by us per week. We believe that the product developed by us should live with running a successful business. We follow a simple process of execution, where the first step is to brief research about the project and a conference call with the client to understand the exact requirements. We pitch various new ideas and upgrades to clients during this meeting. Once the requirements are clear and finalized, we prepare a quotation for the client followed by the second conference call to cross check each and every point related to the project. Once the quotation is finalized, we prepare the contract for the client and send it for submission.

Contract signature is followed by the Purchase order from the client. Where we sign and acknowledge the same. We offer weekly review meetings to the client as per our given milestones for the project and quick means of support by our support id. We believe that the



success behind any quality product is the excellent process and dedicated team working on the same.

**Design and Development:** It took us 2 months and 2 weeks to complete the project from scratch. Product included android and iphone application with web based dashboard, website and live chat support. 40 different screen's were designed and functionalities were coded for both android and iphone applications using angular JS. Client was given the update on the project weekly with a proper project review session every monday.

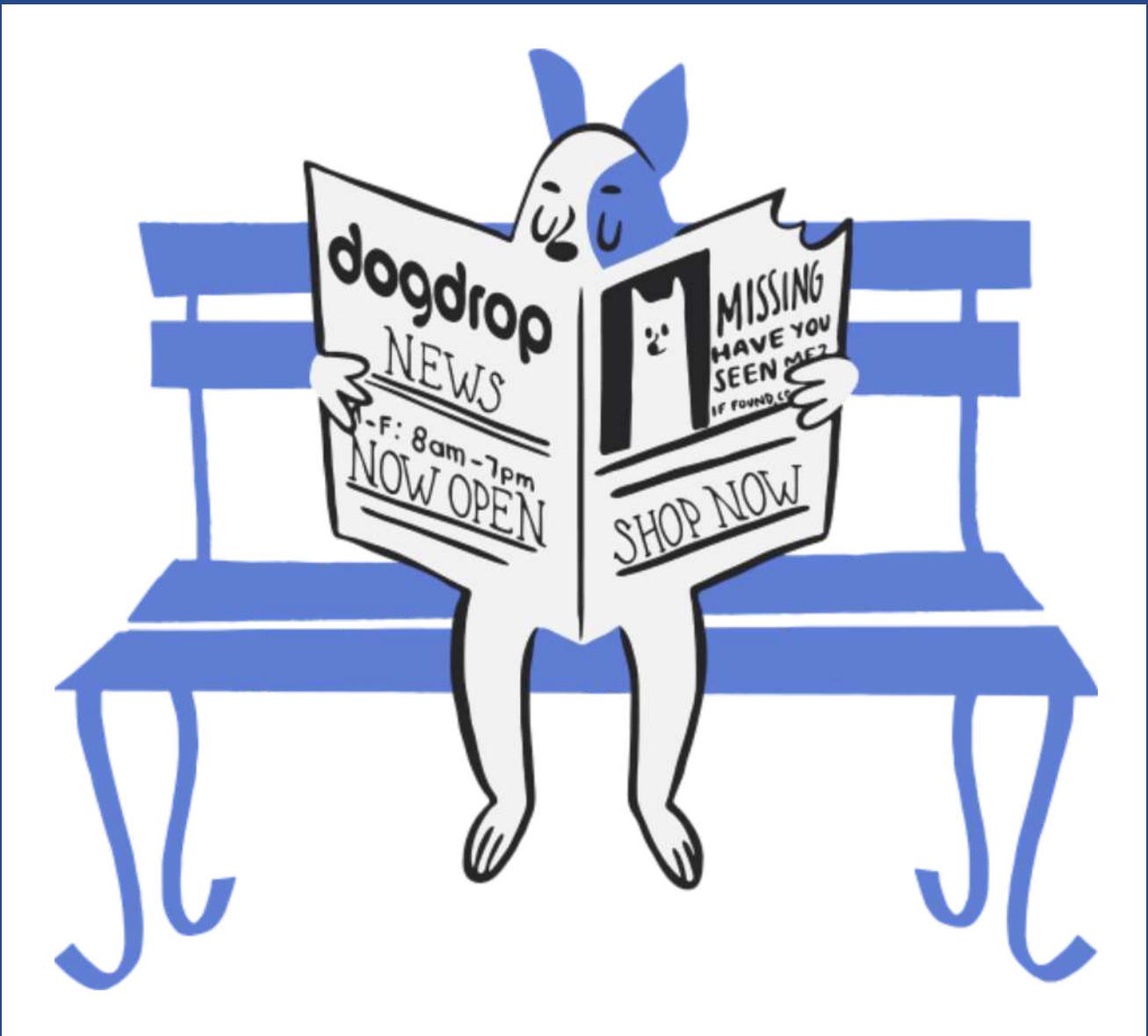
**Quality Assurance & Testing:** Product went on live successfully, completing its 1 year of operations. All the bugs were corrected on the demo server itself. Small changes were made during the project live stage as per clients requirements. Delivering quality products is one of our value stones in the company. Diginix AI being a process driven company can never go wrong in product delivery and development. Our founders specially channelize their energy on product quality and the following processes. Quality assurance is a

halfway ticket to be a trusted company in any field.

Our Testing team checked the health of Zamkan, all errors, bugs, connectivity to the servers, loading time of the application, and support system.

**Conclusion & Result:** Product went on live completing its One year of operations without any problem. Client was extremely satisfied with our service and delivery speed. Client also recommended us for two new projects from different customers.





DIGINIXAI'S  
**DOG DROP**

*DOG DROP (Fully Featured Dog Facility Center)*

[LIVE DEMO](#)

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*Portfolio*

**About the Product:** Advance Dog Management System which caters each and every need of a Dog Center.

### FULLY FEATURED DOG FACILITY CENTER

Enjoy a Dog care management solution ready to tackle all of your management needs: membership management, billing, booking, marketing and reporting. 100% customizable & specialized online Dog care management system.

1. Dashboard
2. Client Management
3. Payments
4. Activity Tracker
5. Health
6. Reports and Analytics
7. Communications

**Dashboard:** Get instant insights into your most important Dog Drop management KPIs from interactive dashboard widgets customized for your center. The dashboard widgets are fully customizable to your preference with data updated in real-time. Our club management software provides you with real-time data on club member preferences and behaviors to inform all of your business decisions. Drive customer satisfaction with a complete management system powered by a strong UX profile and analytical capabilities.

### Client Management

**RETAIN & STAY CONNECTED WITH YOUR CLIENTS:** Dog Drop digitalize your client experience with a signup form on your website, self-check-in & session booking & activity, health and growth assessment reports. The client profile is the hub of every detail added about the member till date, admin can edit personal details of the client, view client's billing history, payment/installment history and attendance of their dog's visits.

**Payments:** From card payments to direct debit, we process them all for you. Integrate our Dog Drop management system with payment providers, collect debt, and quickly process payments at any time.



Create new bills/ invoices for a membership, training, health & medical services and almost everything with few clicks. Dog Daycare sends e-bill automatically via SMS/email. With accept online payments, update multiple payment methods and lot more.

**Activity Tracker:** REAL-TIME ACTIVITY TRACKER Monitor all types of your Dog's activity from health, training sessions, walking, playing, eating, etc. in one place. The Dog Drop management module gives you all the touchpoints and history of every activity from top-to-bottom. Every visit, booking, transaction, and interaction is stored on each member's profile.

### Health

**REGULAR DOG HEALTH TEST FEATURES:** Our Dog Drop management software provides you with regular basis health check monitor data for healthy doggy and health environments.

**Reports & Analytics:** Dog Drop management software has the answer to your every question! Yes, our reports are designed in such a way that you can take any kind of report using smart filters and export in excel format. Whether it is billing, followup, sales, team performance, conversion rate Dog Drop is a solution for you.

## Communications

**COMMUNICATIONS WITH YOUR CLIENTS:** Send two-way SMS & emails and notify members through the Dog Drop management software. Get your messages across with our two-way text messaging solution made simple and scalable. Efficiently build deeper connections with customers, and let them respond, creating conversations. Personalized emails & SMS can supercharge your conversations, increasing sales & retention.

**Challenges:** Client was based in USA LA, they got the product developed from us for their DOG DROP center in LA. After detailed discussion and proper contractual agreement, final design was prepared. Our team provided ideas and technical knowhow for the final product design and execution.

There were some changes requested by the client after confirmation in the final design as well. Our team supported the client with all the changes and made changes in the product as well. Detailed Project Report was submitted to the client before the start of the project and took weekly follow-ups on the milestone defined. Our qualified team satisfied every needs and requirement of the client and delivered the most advanced product in the market under contractual delivery time. **Client has also provided a video review for Diginix Ai.**

**Process:** Diginix Ai has a set process which is followed for every project. Please refer the Page " " for Process reference.

**Design and Development:** It took us 3 months to complete the project from scratch. Product included advance portal with web-based portal and integration with many 3rd party software used by the clients earlier.

## Portfolio



Over 8 different modules with advance DS functionalities were custom coded. There was a variation order provided by the client for addition of new modules and functionality. Remarkably close coordination was maintained with the client with weekly reviews and quality execution. Project reviews and feedback during the development stage were frequently carried out after completion of every module. Client was given the update on the project weekly with a proper project review session every Monday.

**Quality Assurance & Testing:** Product went on live successfully. New requirements came up few weeks before the product launch which were added as the updated version of the product. Delivering quality products is one of our value stones in the company. Diginix Ai being a process driven company can never go wrong in product delivery and development. Our founders specially channelize their energy on product quality and the following processes. Quality assurance is a halfway ticket to be a trusted company in any field.

Our Testing team checked the health of Dog Drop, all errors, bugs, connectivity to the

servers, loading time of the application, and support system.

**Conclusion & Result:** Product was delivered on time and the client was extremely satisfied with the quality of work we did. Client also gave us a video review. The project is live currently. [www.dogdrop.co](http://www.dogdrop.co)





DIGINIXAI'S

# GAME X – GAMING CHAT APP

*Client BONO, lead singer of U2 Rock Band, net worth 700Million USD*

[REQUEST DEMO](#)

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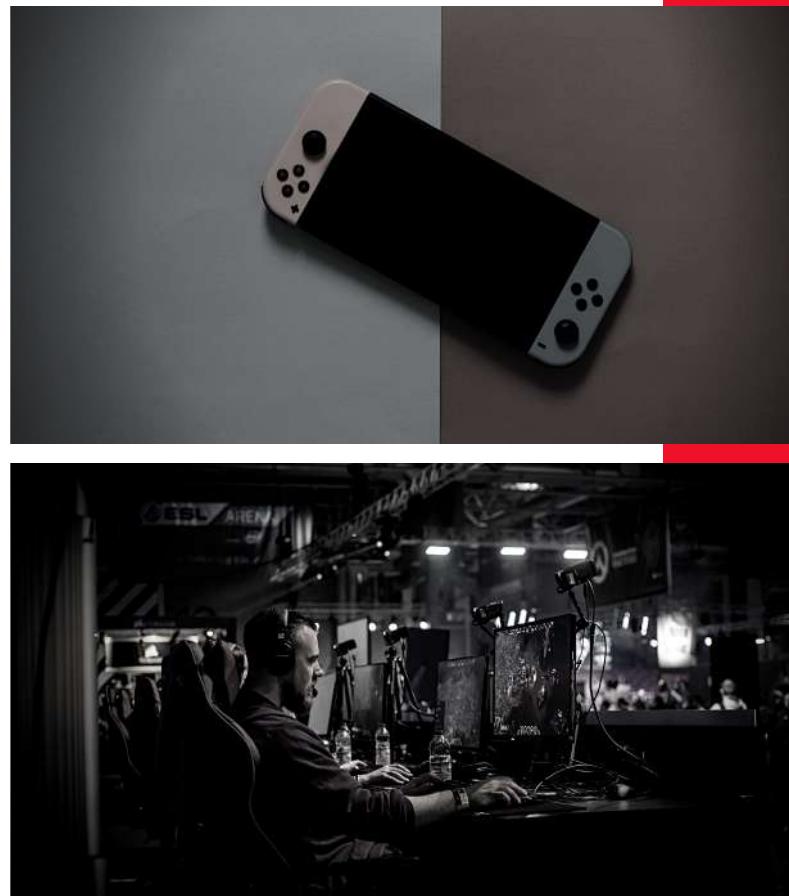
*Portfolio*

**About the Product:** Game X is one of the high value product that our company is developing. Client is the Legend himself - BONO, Paul Hewson with a net-worth of 700Million USD. He is lead singer of U2 Rock Band. Product is being developed from scratch and focuses on all the gamers under single umbrella. Its going to be best possible gaming app in the market. This app is an unique app which comes with many unique features inclusive of Game official accounts, notifications and many other. The mobile application is for both android and apple with Web Dashboard to caters for admins and chat too. Knotty Dating App is the most advanced dating application ever made till date. We expect that product will cater over 50% of the UAE market within first year of market launch.

**Challenges:** The product comes with complete customization and state of art technology at par with the level of coding which Facebook and what's app are using. Our USA based inhouse developers are leading this project. Customer had paid heavy amount to develop this app and demands the very high quality product. Client plans to launch the product across the world in one go with a budget of multimillion dollars. Hence you can imagine the level of development and quality process our team is managing. Development is ongoing. Product also comes with lots of AI features and data analytics features with predictive analysis as well. Our qualified team is under process of delivering the most advanced gaming app in the market.

**Process:** Diginix Ai has a set process which is followed for every project. Please refer the Page " " for Process reference.

**Design and Development:** It's a 10 month sequential development product where first the android app is completed and then our team will start working on apple app. Product is being developed from scratch including developing all its 3rd party available Apis. Client has been included in every stage of the product development. Client was given the update on the project weekly with a proper project review session every monday.



**Quality Assurance & Testing:** Diginix Ai is following agile approach for the development where testing is done on every module developed. We follow this approach for all extremely high valued projects where reporting requirements are very high and contractually agreed. This make sure the quality of the product at functional level. We believe that the product should be delivered and developed with 100% accuracy and amazing quality. Diginix Ai being a process driven company can never go wrong in product delivery and development. Our founders specially channelize their energy on product quality and the following processes. Quality assurance is a halfway ticket to be a trusted company in any field.

Our Testing team checks all errors, bugs, connectivity to the servers, loading time of the application, and support system.

**Conclusion & Result:** Product is under development and delivered is scheduled in mid of 2021. Underdevelopment product is available for demo. Features will not be disclosed.



## DIGINIXAI'S **AIMS**

*Advance E-learning and Institute Management System*

**REQUEST DEMO**

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*Portfolio*

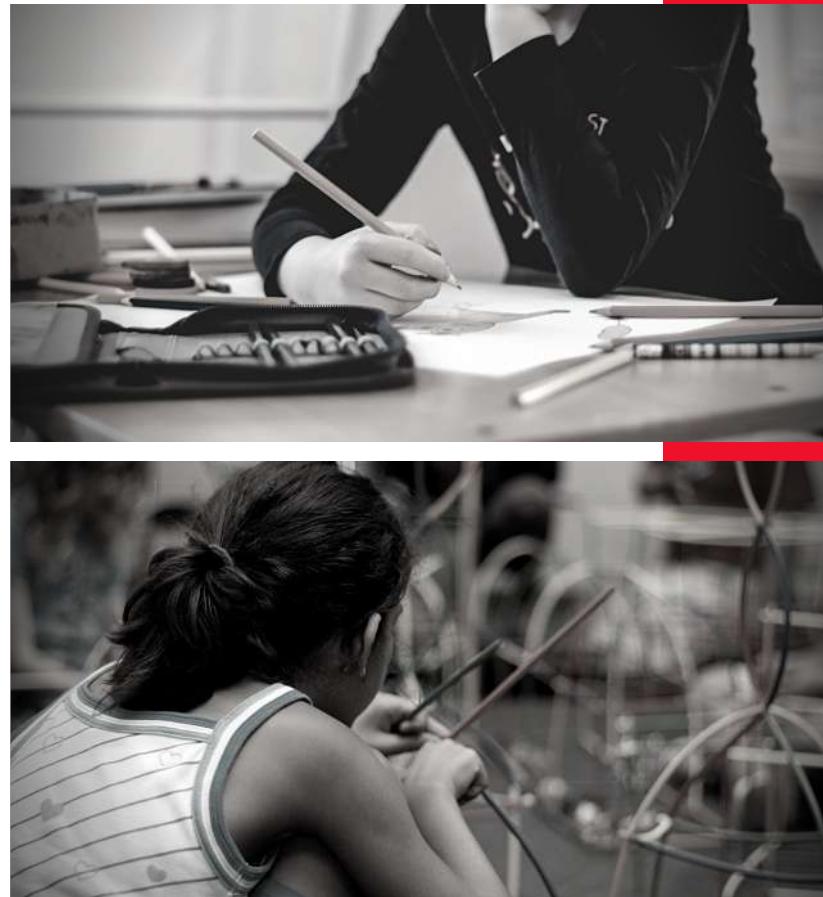
**About the Product:** (AIMS) Advance E-learning Institute management system which caters each and every need of an institute related to online education, e-learning and internal management.

AIMS has been developed taking special consideration of Covid 19 across the world and growing needs in the education industry to move forward with E-Learning platforms and introducing IT in their daily operations. It is user friendly and affordable platform with interactive interface and multi branch, multi user functionality with several other features which caters every need of an institute. Product consists of an online dashboard and mobile applications for quick access to assignments, attendance and fee structures.

AIMS is the most advanced product in the current market and makes operations easy for an institute to execute relentlessly.

**Challenges:** Client was an agency based in Dubai, they got the product developed from us for their respective end users. NDA was signed between agency and diginix regarding the product details. After detailed discussion and proper contractual agreement, final design was prepared. There were some changes requested by the client after confirmation in the final design as well. Our team supported the client with all the changes and made changes in the product as well. Client requested for DPR, detailed project report before the starting of the project and took weekly follow-ups on the milestone defined. Our qualified team satisfied every needs and requirement of the client and delivered the most advanced product in the market under contractual delivery time.

**Process:** Diginix AI is a process driven organization with Six Sigma Black Belt Certified Leaders running the company. We believe if the process is right and followed with accuracy, none can stop operational excellence with relentless execution. We are not only a development company but also technical consultants, our quotations has a section for free consulting of the product developed by us per week.



We believe that the product developed by us should live with running a successful business. We follow a simple process of execution, where the first step is to brief research about the project and a conference call with the client to understand the exact requirements. We pitch various new ideas and upgrades to clients during this meeting.

Once the requirements are clear and finalized, we prepare a quotation for the client followed by the second conference call to cross check each and every point related to the project. Once the quotation is finalized, we prepare the contract for the client and send it for submission.

Contract signature is followed by the Purchase order from the client. Where we sign and acknowledge the same. We offer weekly review meetings to the client as per our given milestones for the project and quick means of support by our support id.

We believe that the success behind any quality product is the excellent process and dedicated team working on the same.

**Design and Development:** It took us 3 months and 1 weeks to complete the project from scratch. Product included android with web based dashboard, website. 30 different screen's were designed and functionalities were coded for both android applications. Each and every need of the student & institute was taken care of, where one volunteer student was considered to provide reviews and feedback during the development stage. Client was given the update on the project weekly with a proper project review session every Monday.

**Quality Assurance & Testing:** Product went on live successfully. All the bugs were corrected before even showing the final product to the client and taking feedback. New requirements came up after the product launch which were added as the updated version of the product. Delivering quality products is one of our value stones in the company. Diginix AI being a process driven company can never go wrong in product delivery and development. Our founders specially channelize their energy on product quality and the following processes. Quality assurance is a halfway ticket to be a trusted company in any field. Our Testing team checked the health of AIMS, all errors, bugs, connectivity to the servers, loading time of the application, and support system.

**Conclusion & Result:** Product was delivered on time and the client was extremely satisfied with the quality of work we did. Client also gave us their own website & digital marketing project. Both the projects are under execution currently.





DIGINIXAI'S  
**KNOTTY DATING APP**

[REQUEST DEMO](#)

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*Portfolio*

**About the Product:** Knotty Dating App is an unique app which comes with many unique features inclusive of restaurants availability and suggestions to setup dates with discounts. This a complex custom product under development for a Dubai based customer. It has all possible payment facilities, emoji support and snap chat type filters. The mobile application is for both android and apple with Web Dashboard to caters for admins. Knotty Dating App is the most advanced dating application ever made till date. We expect that product will cater over 50% of the UAE market within first year of market launch.

**Challenges:** The product comes with complete customization and 100% development without using any 3rd party Api's. No doubt customer had paid heavy amount to develop this app. Though our experienced in-house developers had previous experience of working on dating apps hence development was easy and relentless for us. Product also comes with lots of AI features. Our qualified team is under process of delivering the most advanced dating app in the market.

**Process:** Diginix Ai has a set process which is followed for every project.

**Design and Development:** It's a 6 month sequential development product where first the android app is completed and then our team will start working on apple app. Product is being developed from scratch including developing all its 3rd party available Apis. Client has been included in every stage of the product development. Client was given the update on the project weekly with a proper project review session every monday.

**Quality Assurance & Testing:** Diginix Ai is following agile approach for the development where testing is done on every module developed. This make sure the quality of the product at functional level.



We believe that the product should be delivered and developed with 100% accuracy and amazing quality. Diginix Ai being a process driven company can never go wrong in product delivery and development. Our founders specially channelize their energy on product quality and the following processes. Quality assurance is a halfway ticket to be a trusted company in any field.

Our Testing team checked , all errors, bugs, connectivity to the servers, loading time of the application, and support system.

**Conclusion & Result:** Product is under development and delivered is scheduled in April 2021. Underdevelopment product is available for demo. Features will not be disclosed.

# DIGINIXAI STATEMENT

“

Diginix Ai has successfully completed more than 550 service projects for different industries.

We welcome our client to discuss the projects and ideas on a conference call and we support them with free technical consulting and upgrade their idea with appropriate business models for relentless execution and operational excellence.

”



ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

# LARGE SCALE IOT STREAMING DATA ANALYSIS SYSTEM

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*Project*

**About the client:** Our client used data from wifi access points to supply real-world business owners with analyzed data about their visitors, help them create targeted marketing campaigns and increase their return rate. They now operate in 9 countries and have more than 250 venues and advertisers.

**Project description:** The client wanted to utilize all the log data collected on the wifi access point devices to create additional products and improve existing services. As part of the project, we have created a cloud-based software solution that enables scalable ingestion, storage, and analysis of the WiFi device log data. Our solution is based on several AWS services and is completely serverless, meaning that all the servers running services are managed by AWS and therefore is fault-tolerant and highly available. Being on AWS services makes the system elastic as well. Costs are proportional to the amount of data ingested and processed.

#### Technologies:

- Python, PySpark
- AWS: Kinesis, Glue, S3, API Gateway, Lambda





ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

# SALES CHATBOT FOR AN INSURANCE COMPANY

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*Project*

**About the client:** One of the largest insurance companies in Georgia, despite a strong presence in the offline market, was struggling in the online world. They approached us to help them capitalize on new innovative channels of selling insurance policies.

**Project description:** The goal of the project was to create a Facebook Messenger chatbot Q&A system that would help them increase sales of insurance policies. Our chatbot used several Natural Language Processing algorithms and historical data to generate the most thoughtful answers. Machine learning models were trained using labeled data to detect the intent of a question. Upon the user's request, the bot was able to transfer the user to a live support person to continue the dialogue.

The chatbot enabled clients to purchase insurance policies in less than 2 minutes. Was implemented an administrator panel for the chatbot where they were allowed to:

- Manage some predefined questions and answers.
- Build a chat flow state machine for customization.
- Automated model training and deployment.
- Statistical reports.

#### **Technologies:**

- FastText, scikit-learn (For intent detection)
- Python, Waitress (Python WSGI server), MongoDB
- React.js for web UI





## ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

# IDENTIFYING IMPORTANT ENTITIES IN NEWS ARTICLES

*Project*

**About the client:** One of the leading providers of news and intelligence specifically for the global stock markets.

**Project description:** The task was to aggregate lots of financial news articles and they wanted to automatically identify words and phrases that are important for the readers like countries, cities, states, monetary values, units, companies, institutions, etc.

We have used several state of the art Natural Language Processing techniques to perform the Named Entity Recognition task on news articles and present it in a usable way.

**Technologies:**

- spaCy, scikit-learn





# ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

# PREDICTING THE POPULARITY OF SOCIAL MEDIA POSTS

## *Project*

**About the client:** US-based startup building a social networking site.

**Project description:** In order to predict how popular a post created on the client's platform would become, we've created a Machine Learning model for sentiment classification model and represented user activities to predict how many likes would the published content receive.

**Technologies:**

- spaCy, PyTorch, scikit-learn





ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

# EXTRACTING MERCHANT NAMES FROM BANK TRANSACTION RECORDS

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*Project*

**About the client:** Financial transaction records contain transaction descriptions, which encodes some information in it including merchant location, transaction type, merchant name, etc. Because the encoding format of the string is not standardized, it is nearly impossible to write rules-based code to parse it.

The US-based startup approached us to help them with extracting that information (merchant name in particular) from the transaction record.

**Project description:** We have built a Machine Learning model (Convolutional Neural Networks for text in particular) using one million transaction records and different augmented datasets to extract merchant names from the transaction strings. The model worked well even for the merchants that were not seen before.

**Technologies:**

- PyTorch based Convolutional Neural Networks for text.





ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

# FOOD REGULATORY COMPLIANCE CHECK PLATFORM

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*Project*

**About the client:** C-Labs SA is an Industry 4.0 startup located in Switzerland, developing solutions for transforming food regulatory compliance. C-Labs creates technologies and services used for the analysis and aggregation of unstructured information with semantic techniques and machine learning.

**Project description:** API service was created, which extracts product information from the image uploaded/taken by the user - that includes nutrition information, weight, and manufacturer. Inconsistent quality of the images and variety of product packaging makes this task quite challenging.

A dedicated team has trained custom machine learning models using Open Food Facts (open source dataset) and around 100k product images from Amazon. Data was labeled with the help of our 3rd party partners. In combination with several cloud OCR services, we managed to deliver high-quality API service.

The pipeline with several steps was created to process a big amount of data in a scalable manner.

#### **Technologies:**

- Customized YOLO implementation on PyTorch.
- spaCy + scikit-learn for NLP adjustment.
- Dockers and Google Cloud for continuous delivery.
- Google OCR and AWS Textract.
- Scrapy to collect data from different sources.





ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

# CAR PROPERTIES AND DAMAGE RECOGNITION FOR AN INSURANCE COMPANY

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*Project*

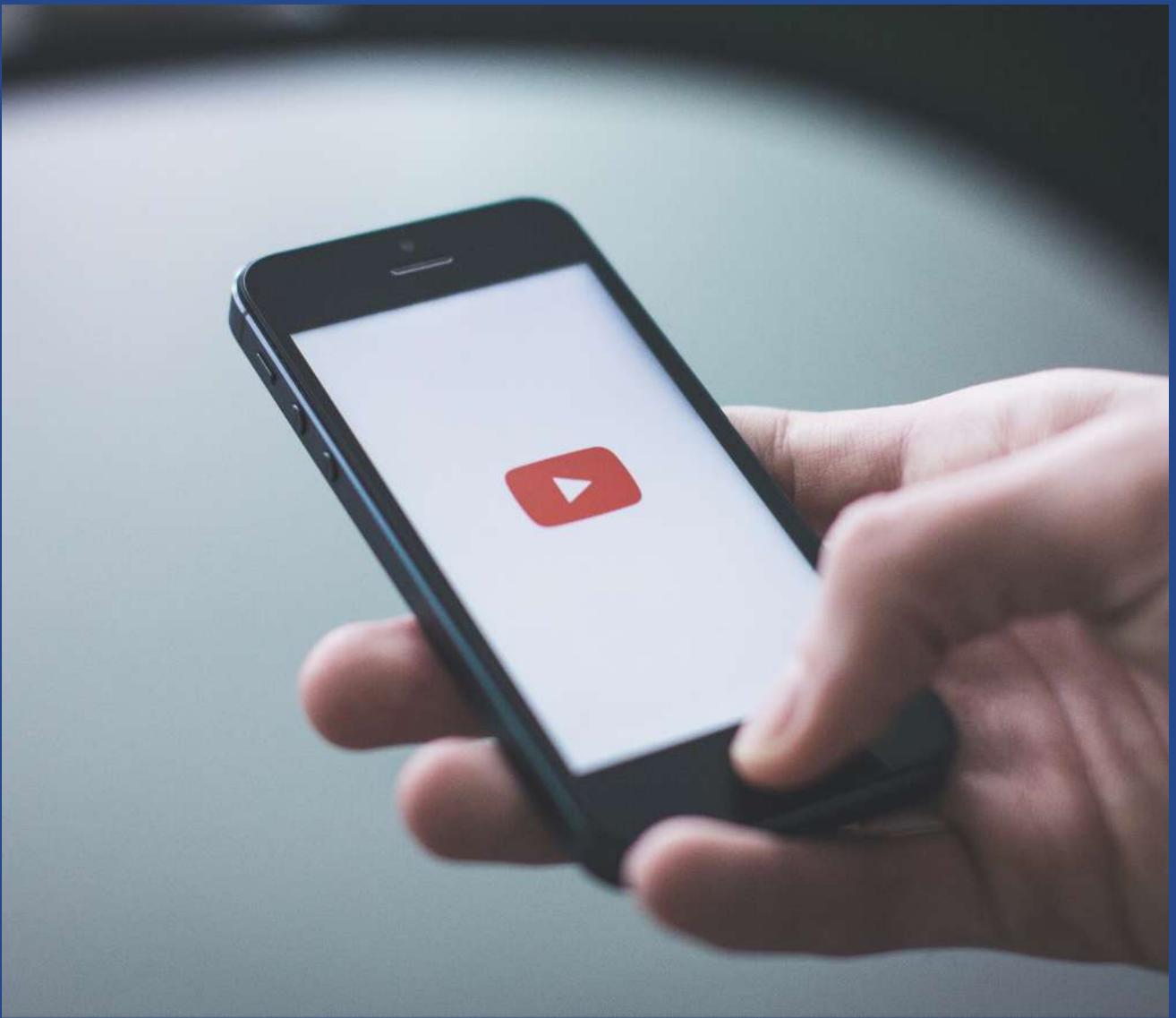
**About the client:** The project was implemented for one of the largest insurance companies in Georgia. The final goal of the project was automatization of car damage estimation and integration API with the company's mobile app so customers can insure their cars.

**Project description:** We have developed a neural network to recognize the exact damaged area of the car from the uploaded image. We have labeled 50 000 car images that made it possible to detect: flat tires, broken windows, dent, vandalism, and crashes. Also, our machine learning model can recognize a brand of the car and determine from which angle the picture was taken. Our client used the model to create a mobile app, enabling users to insure their cars without the involvement of an insurance agent.

**Technologies:**

- PyTorch based convolutional neural networks (Mask-R CNN) + scikit-learn / XGBoost for car properties and damage detection and price estimation.
- Scrapy for collecting data.





ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

# NSFW CONTENT DETECTION IN IMAGES AND VIDEO STREAMS

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*Project*

**About the client:** Social networking startup based in Silicon Valley had a rapid increase in their number of users and they encountered unwanted problems. Users started reporting NSFW issues in user-generated content that slowed down their growth. They needed to find a solution really fast as they were afraid of a potential ban from different partners.

**Project description:** Our client wanted to have a tool that detects nudity in the images uploaded by users on their social networking mobile app. We gave them Neural Network as a solution that achieved high accuracy in detecting nudity in images and videos in real-time. Our client used our model to filter unwanted content from its users. We have used more than 2 million images and 300 hours of video content for creating the model.

**Technologies:**

- PyTorch to train models.
- Scrapy to collect the dataset.





ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

# CONTENT-BASED IMAGE RETRIEVAL

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*Project*

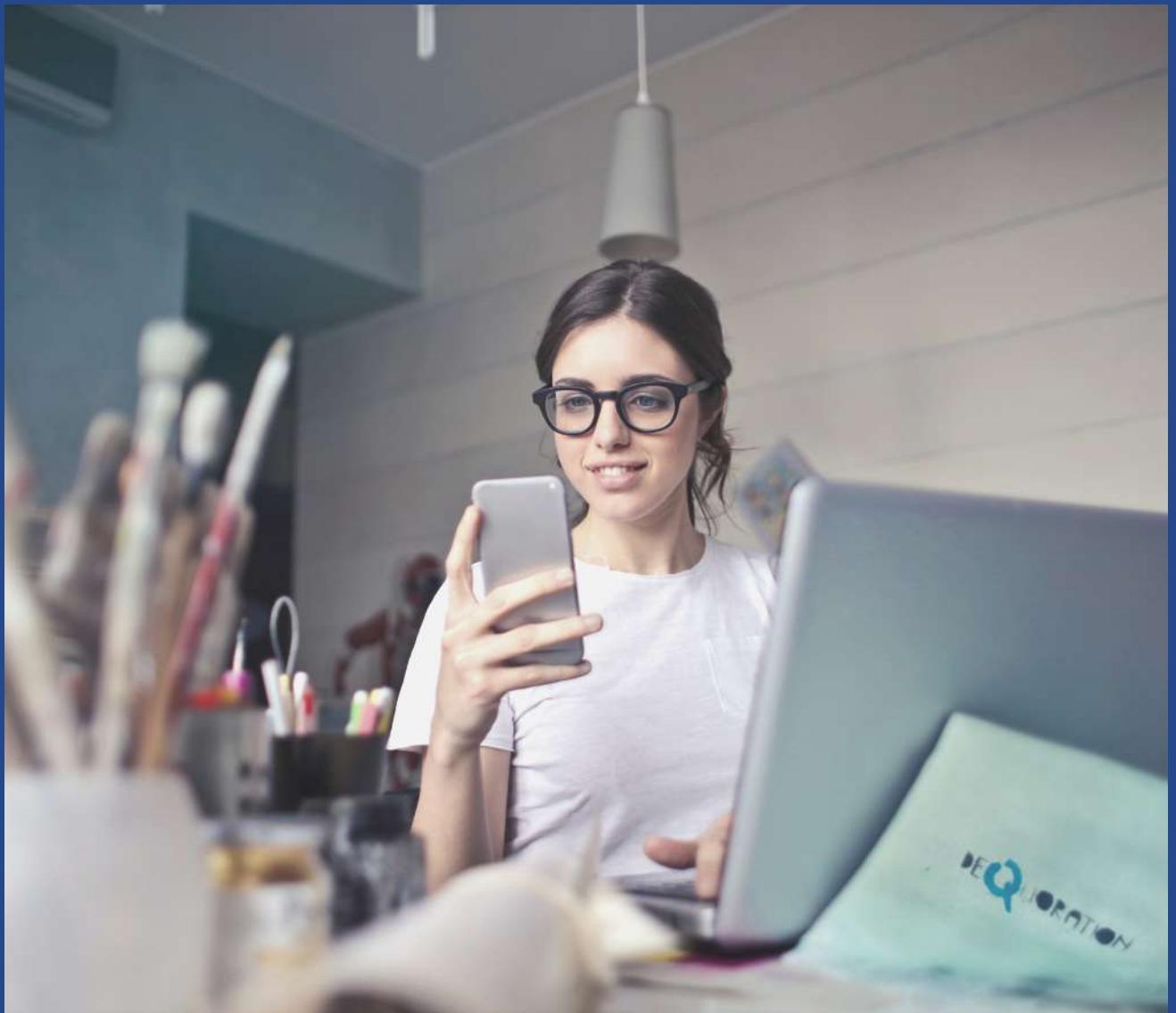
**About the client:** An alcoholic beverage industry company wanted to implement new innovative channels of selling its products all over the world. Their task was to search for products using bottle labels from a mobile app.

**Project description:** Label extraction from raw images and content-based image retrieval with deep convolutional neural network + keypoint detection and comparison with SIFT. Self-supervised approach for features adjustment.

**Technologies:**

- PyTorch based CNN models for label segmentation and image representation.
- Faiss for fast vector metric search.
- MongoDB for meta-information storing.





ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

# PERSON/OBJECT TRACKING IN A VIDEO STREAM

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*Project*

**About the client:** The client wanted to improve its security system. On-premise CCTV video stream as an input in the API.

**Project description:** The goal of the project was to create a person, face, and object and a tracking system for a low-resolution video stream. Our solution was integrated into the client's security system to prevent shoplifting, monitor employees and improve general security.

Fine-tuned triplet based face representation (embedding) on the domain-specific dataset.

**Technologies:**

- PyTorch based face detection and vectorization.
- Faiss for fast vector search.
- MongoDB, Postgres for meta-data.





ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

# ENHANCING PHOTO/VIDEO QUALITY USING DEEP LEARNING

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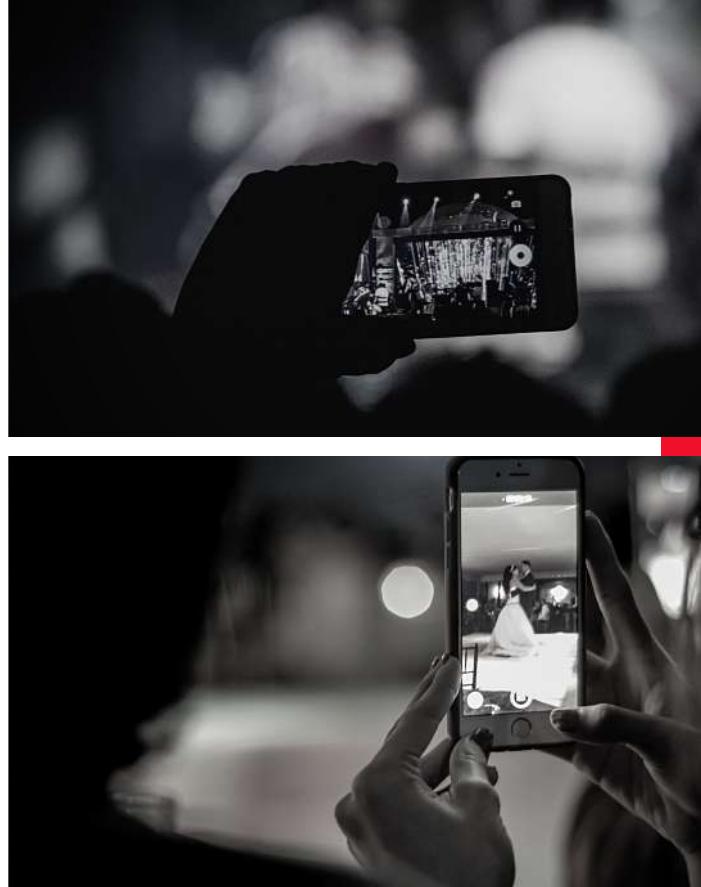
*Project*

**About the client:** US-based startup building a social networking site.

**Project description:** The goal of the project was to increase photo/video quality and scale it up to 4x without losing its quality. Solution: Deep CNN and GAN based image super-resolution trained on provided domain data. Performance: near-real-time and 60fps, so it can be applied to a live stream.

**Technologies:**

- PyTorch based CNN model for image super-resolution.
- LibTorch and PyTorch JIT for near-real-time performance.





ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

## CREATE BITMOJI FROM PROFILE PICTURES

---

*Project*

**About the client:** US-based startup building a social networking site.

**Project description:** The goal of our experiment was to create a solution that generates bitmoji (cartoon avatar) from a face image uploaded by the user. Deep face-scan - extract hair, beard, eyebrows, eyes, nose, lips, face color and shape, together with different accessories: glasses, earrings, piercings, etc. Based on these features we extract similar shapes and colors from the database using deep content-based image retrieval and assemble the bitmoji.

**Technologies:**

- OpenCV for classical computer vision routines.
- PyTorch based deep CNN models for face scan (segmentation) and representation (vectorization).
- Faiss for fast shape similarity search.
- Scrapy for data collection.





ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

# REAL-TIME FACE FILTER

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*Project*

**About the client:** Social networking startup from the US. They were building a photo/video sharing app that had more than a half-million downloads.

**Project description:** The goal of the project was to create a robust face filter that smoothens the skin, removes flaws and adjusts skin color in real-time videos.

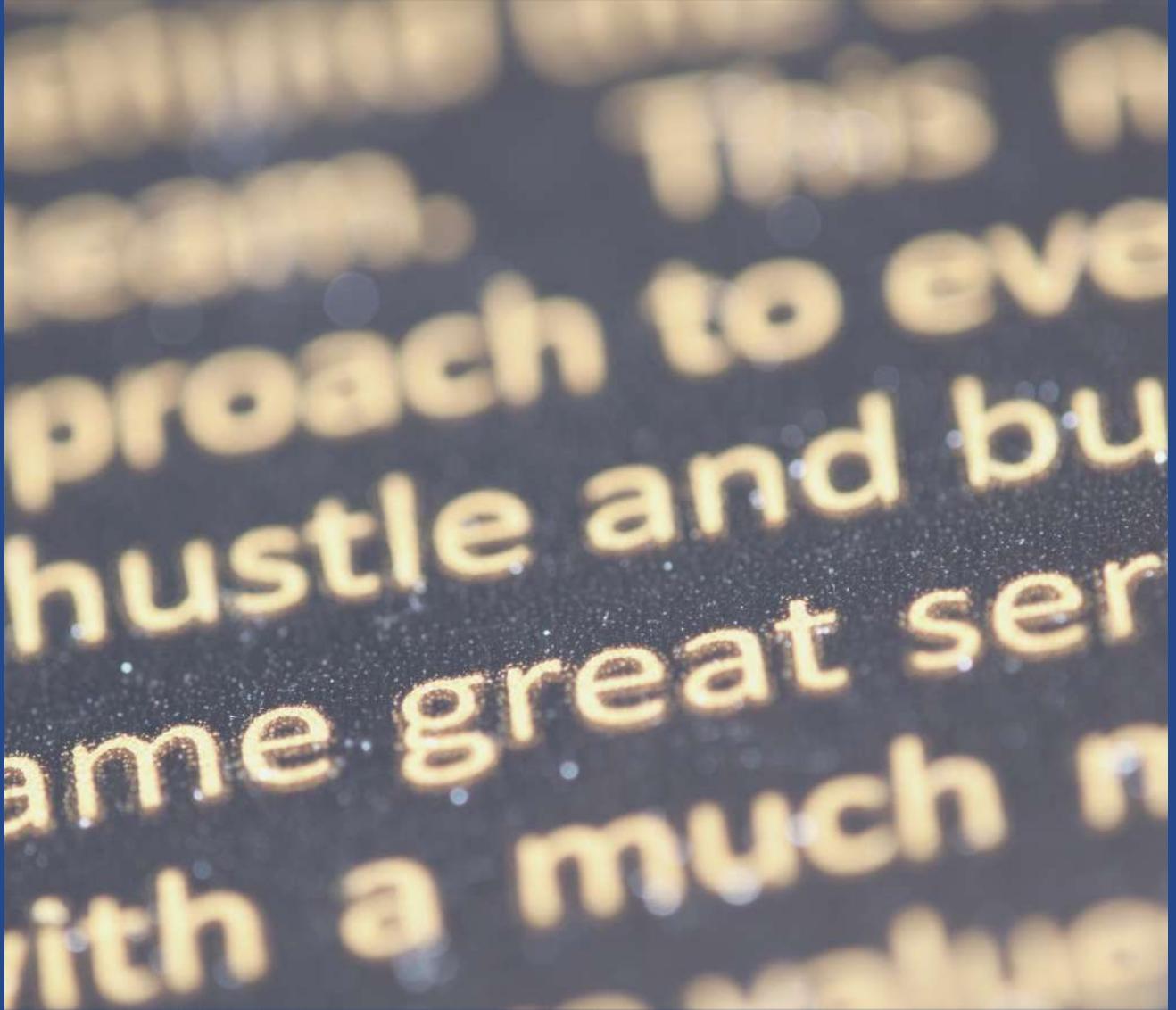
**Demo:**

<http://bit.ly/2CAez6T>

**Technologies:**

- C++ for real-time processing.
- OpenCV and DLib for detecting face keypoints.





## ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

### GEORGIAN OCR (OPEN SOURCE PROJECT)

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*Project*

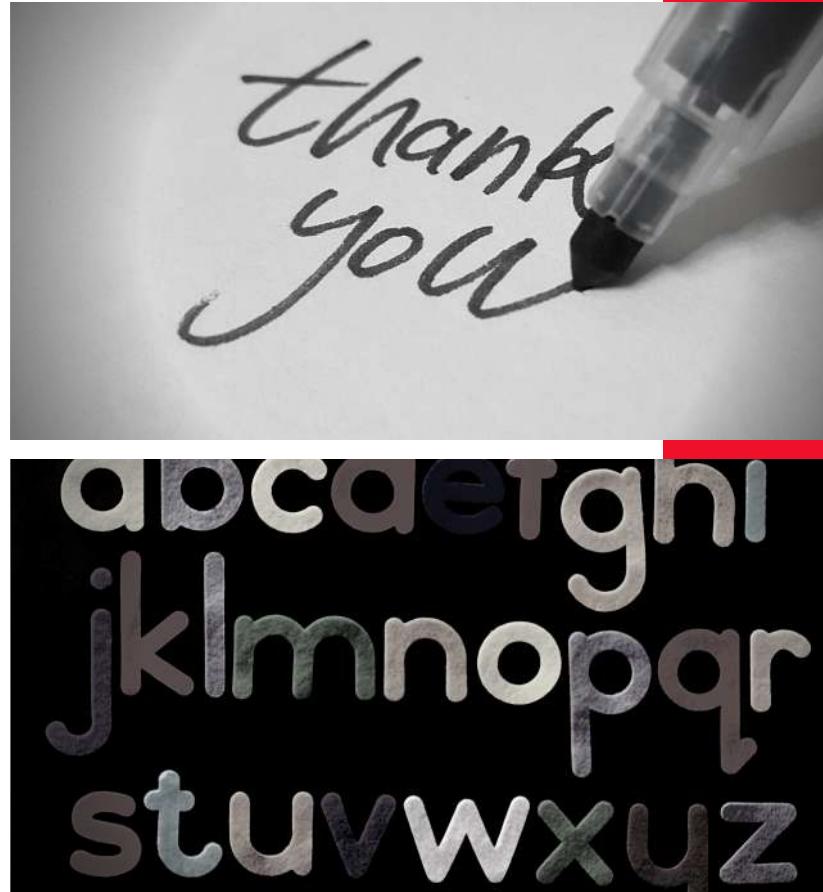
**Project description:** We have created Georgian OCR as an open-source project. Our model was trained on more than one million samples of synthetic datasets from the Georgian alphabet. We used computer vision algorithms for character segmentation and assembling scanned documents back.

**Source Code:**

<https://github.com/m-learning/georgian-ocr-v2>

**Technologies:**

- Convolutional neural networks with Keras and Tensorflow.
- OpenCV for pre-processing and post-processing.





ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

# CARAND REAL ESTATE PRICE PREDICTION (EXPERIMENTAL)

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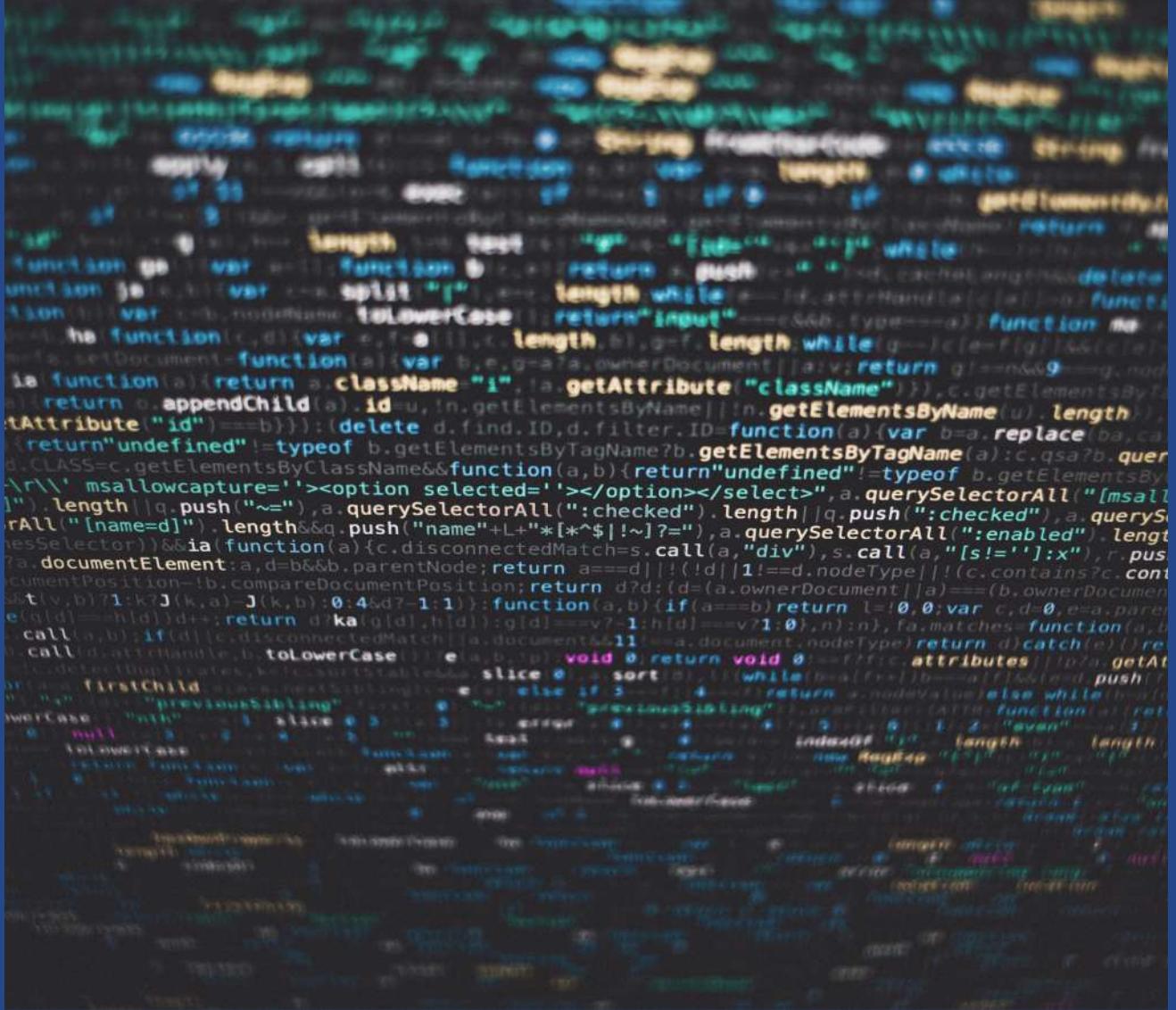
*Project*

**Project description:** The goal of our project was to create a price prediction system that suggests a price to users, who post cars or real estate on the client's website. The price of the item is calculated based on the parameters the user has entered. We have trained a Machine Learning model using around 1 million user-generated data records.

**Technologies:**

- Scikit-learn, XGBoost.
- Scrapy to collect data.





## ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

# SCENE BASED ADAPTIVE ENCODING

---

*Project*

**About the client:** Startup in the video streaming industry needed scene based adaptive encoding.

**Project description:** The company needed near real-time automatic CRF / Bitrate prediction per scene with limited (CPU only) resources.

**Solution:** Frame and optical flow based motion complexity clusterization per scene with deep CNN model trained on the customized complexity estimators generated from the different compression parameters of raw images in the pipeline with CRF classification and Bitrate regression models.

**Technologies:**

- PyTorch for deep CNN frame and motion complexity clusterization and CRF classification models and optical flow generation.
- Different OpenCV and FFmpeg based scene detection and Optical Flow generation techniques.
- XGBoost for Bitrate regression.



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000	000	Geforce	GTX	750	Ti,	826247
000	000	Geforce	GTX	750	Ti,	821023
000	000	Geforce	GTX	750	Ti,	206
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ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

## RECOMMENDER SYSTEM FOR RESTAURANT MENU APP

---

*Project*

**About the client:** The project was implemented for a startup based in the US, who was building a mobile app for personalized restaurant menu recommendations.

**Project description:** As part of the project, we've scraped data about meals and menus from the internet. More than 7 million menu items from around 40,000 restaurants in the USA.

Feature extraction techniques were implemented in order to transform semi-structured data into more useful representation. A personalized content-based menu recommendation system was created.

We've incorporated filtering techniques, specifically to deal with the cold start problem.

**Technologies:**

- spaCy, PyTorch.
- Scrapy framework to collect data from the internet.





ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

# BILLING RISKS EVALUATION

---

*Project*

**About the client:** The project was implemented for an international energy company based in Germany.

**Project description:** Client owns a large power transmission network including the power stations and power transmission towers. Goal of the project was to develop the prediction model for calculating the risks of payment according to the billing information of power transmission towers users. Such a model helped the client in planning the budget and early notification of clients who potentially have long due delays in payment of the bills.

**Technologies:**

- AWS, Python, Python SciKit Learn (shap, xgboost, statsmodels)





ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

# PREDICTING THE POWER CONSUMPTION

---

*Project*

**About the client:** Germany's one of the largest power supply company with its own infrastructure and electrical power distribution network.

**Project description:** Using the environmental characteristics and historical data of power consumption on the substations we have created the stacked machine learning model, which predicts a day ahead load on power substations. We have designed a dedicated model for each substation and provided ready to use the implementation of forecasting system.

**Technologies:**

- Prophet, Decision Trees, LSTM, PyTorch, scikit-learn.





ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

# BIGDATA ENGINEERING PIPELINE FOR DATA INGESTION

---

*Project*

**About the client:** Genetic testing and rare disease detection and analysis company based in Germany.

**Project description:** The client has on premises storage infrastructure, where the files with the genetic analysis data are placed.

We have designed and implemented the AWS technology stack based, BigData pipeline, which transfers raw data from on premises storage to the AWS S3 storage and later to the database deployed on AWS infrastructure. Pipeline includes CHECKSUM validation of each file and it's insertion into the database through the EKS jobs. Pipeline also contains retries mechanism and notification using the AWS SES (Simple Email Service).

**Technologies:**

- Python, AWS Stack: S3, Lambda, EKS, ECR, Cloudwatch, SES.





## ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

# CUSTOMER DATA ANALYSIS USING NLP TECHNIQUES

*Project*

**About the client:** Project goal was customer textual data analysis for the large international corporation based in the US.

**Project description:** The client has on premises storage infrastructure, where the files with the genetic analysis data are placed.

We have designed and implemented the AWS technology stack based, BigData pipeline, which transfers raw data from on premises storage to the AWS S3 storage and later to the database deployed on AWS infrastructure. Pipeline includes CHECKSUM validation of each file and it's insertion into the database through the EKS jobs. Pipeline also contains retries mechanism and notification using the AWS SES (Simple Email Service).

**Technologies:**

- Python, AWS Stack: S3, Lambda, EKS, ECR, Cloudwatch, SES.





ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

# AI FOR HR ANALYTICS

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*Project*

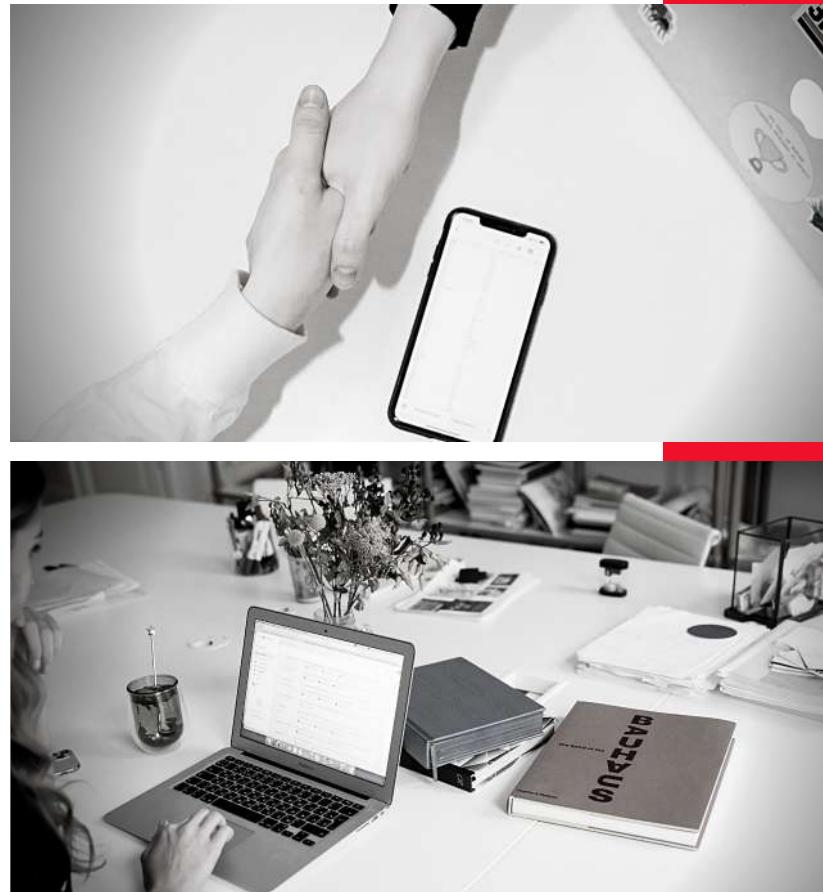
**About the client:** Project goal was customer textual data analysis for the large international corporation based in the US.

**Project description:** The client has on premises storage infrastructure, where the files with the genetic analysis data are placed.

We have designed and implemented the AWS technology stack based, BigData pipeline, which transfers raw data from on premises storage to the AWS S3 storage and later to the database deployed on AWS infrastructure. Pipeline includes CHECKSUM validation of each file and it's insertion into the database through the EKS jobs. Pipeline also contains retries mechanism and notification using the AWS SES (Simple Email Service).

**Technologies:**

- Python, AWS Stack: S3, Lambda, EKS, ECR, Cloudwatch, SES.





ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

# CUSTOMER DATA ANALYSIS USING NLP TECHNIQUES

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*Project*

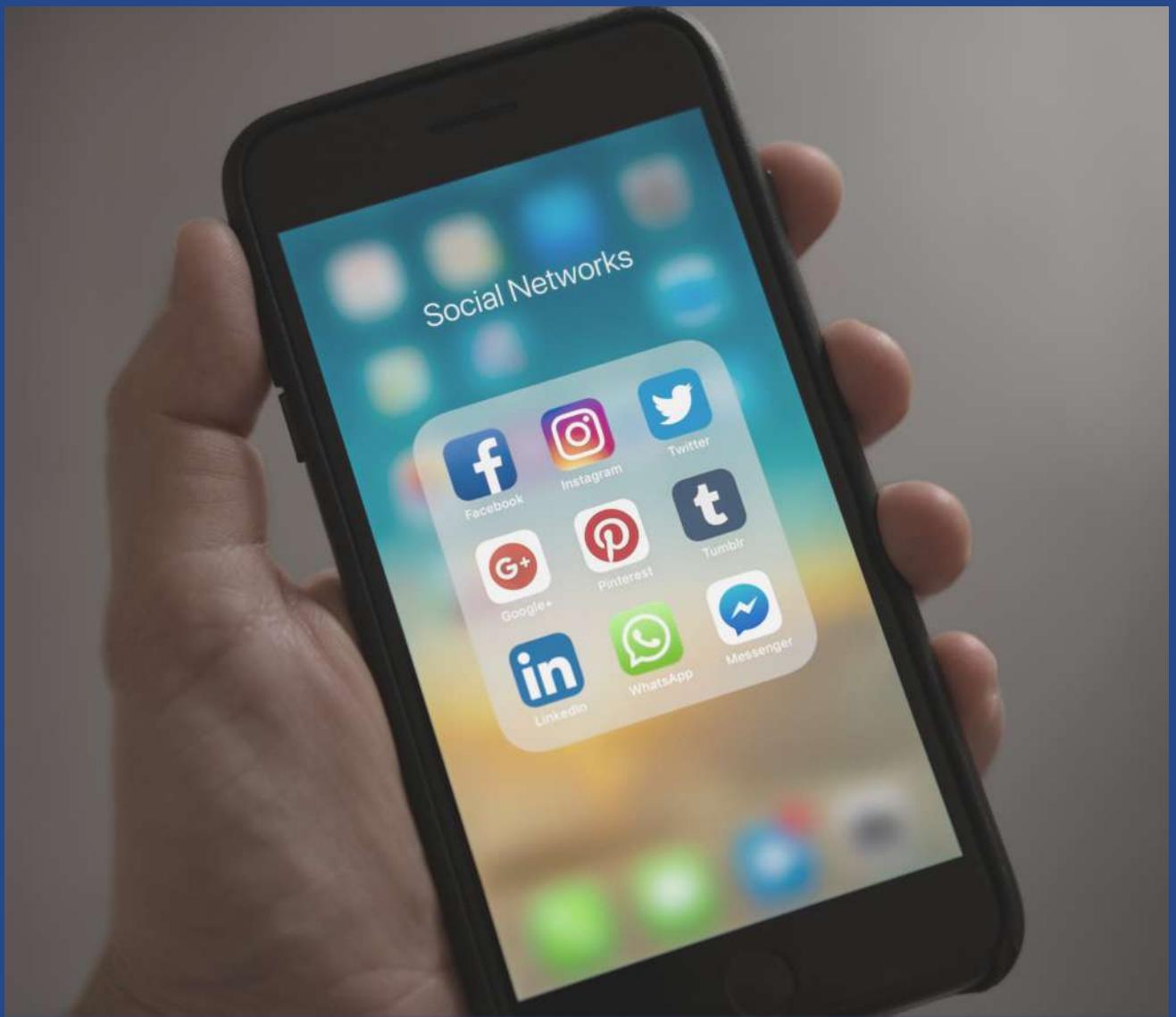
**About the client:** Project goal was customer textual data analysis for the large international corporation based in the US.

**Project description:** Company has a forum website where current or potential customers are posting about some problems. The forum webportal connects the companies clients and agents who are supporting clients (or potential clients) and trying to solve their problems, as well as answer their questions. The problem is related to handling the problem on the global scale, since the company has 1000s of products and most of the posts have status unresolved. We are extracting user experience information and transforming it into useful statistical information, which can be considered as an additional information for the companies CRM data. We are also analyzing chat transcripts of the agents to decrease waiting time. Techniques and models used for textual data analysis, In the scope of the project, also helps to build the recommendation engine which will help the company to distribute requests based on the operation time of their agents, hence respond faster to client's complicated requests.

#### Technologies:

- Python, AWS Stack: S3, Lambda, EKS, ECR, Cloudwatch, SES.





ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

# SOCIAL NETWORK DATA ANALYSIS

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*Project*

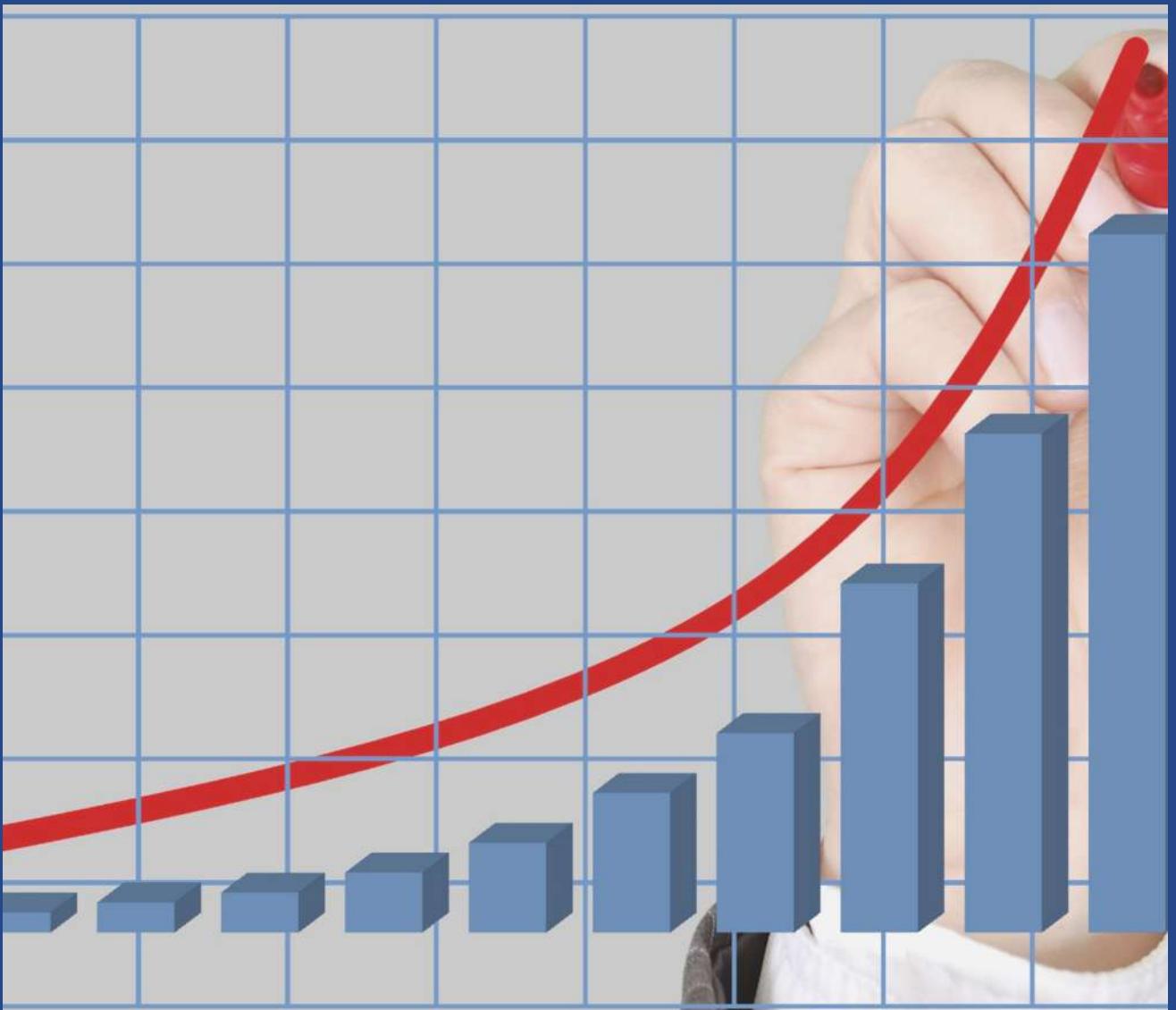
**About the client:** UK based customer, working on large scale data analysis shared in social networks.

**Project description:** Project aims to collect and analyse data from all popular social networks such as twitter, instagram and youtube. We designed BigData engineering and data collection pipeline, which already aggregated 1+ Billion entries from social networks. These entries mostly belong to the influencers and celebrities. In the scope of the project we also have implemented the fake account detection algorithm, generating the statistics about the number of followers of the users and comments on particular posts. Database entries are growing on an hourly basis and every new account is validated, hence possible to identify how many fake and real accounts certain celebrity or influencer have.

## Technologies:

- Python, RabbitMQ, Elastic Search, Neo4j, Kubernetes.





ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

**EXTRACTION AND ANALYSIS OF THE  
NON-PROFIT ORGANIZATION DATA  
USING BIGDATA ENGINEERING AND  
DATA COLLECTION TOOLS**

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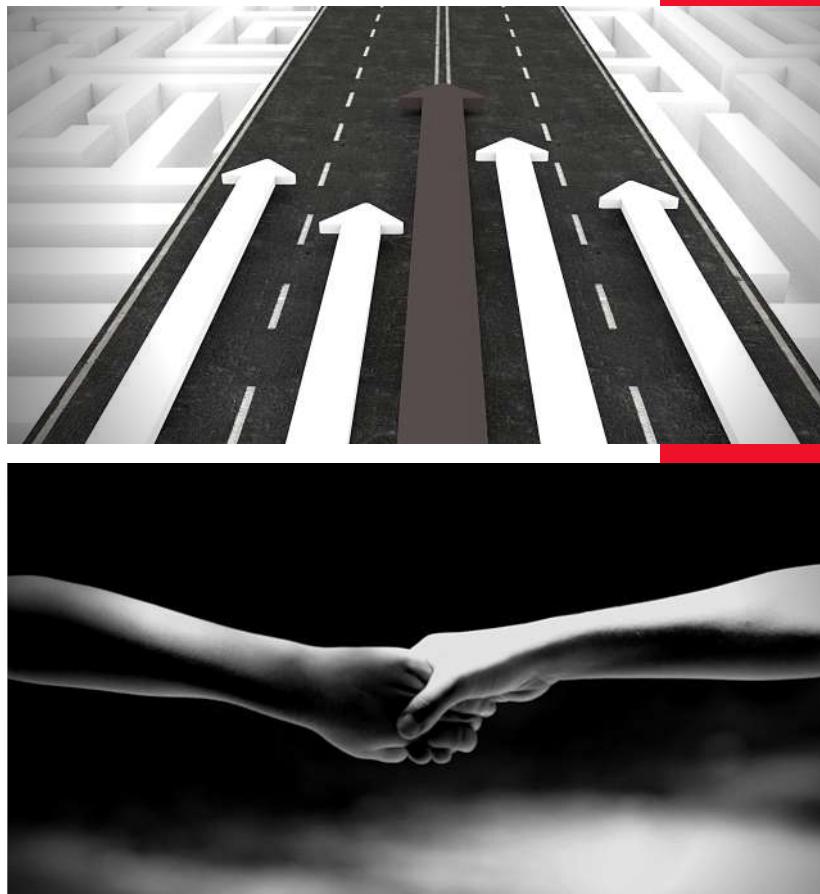
*Project*

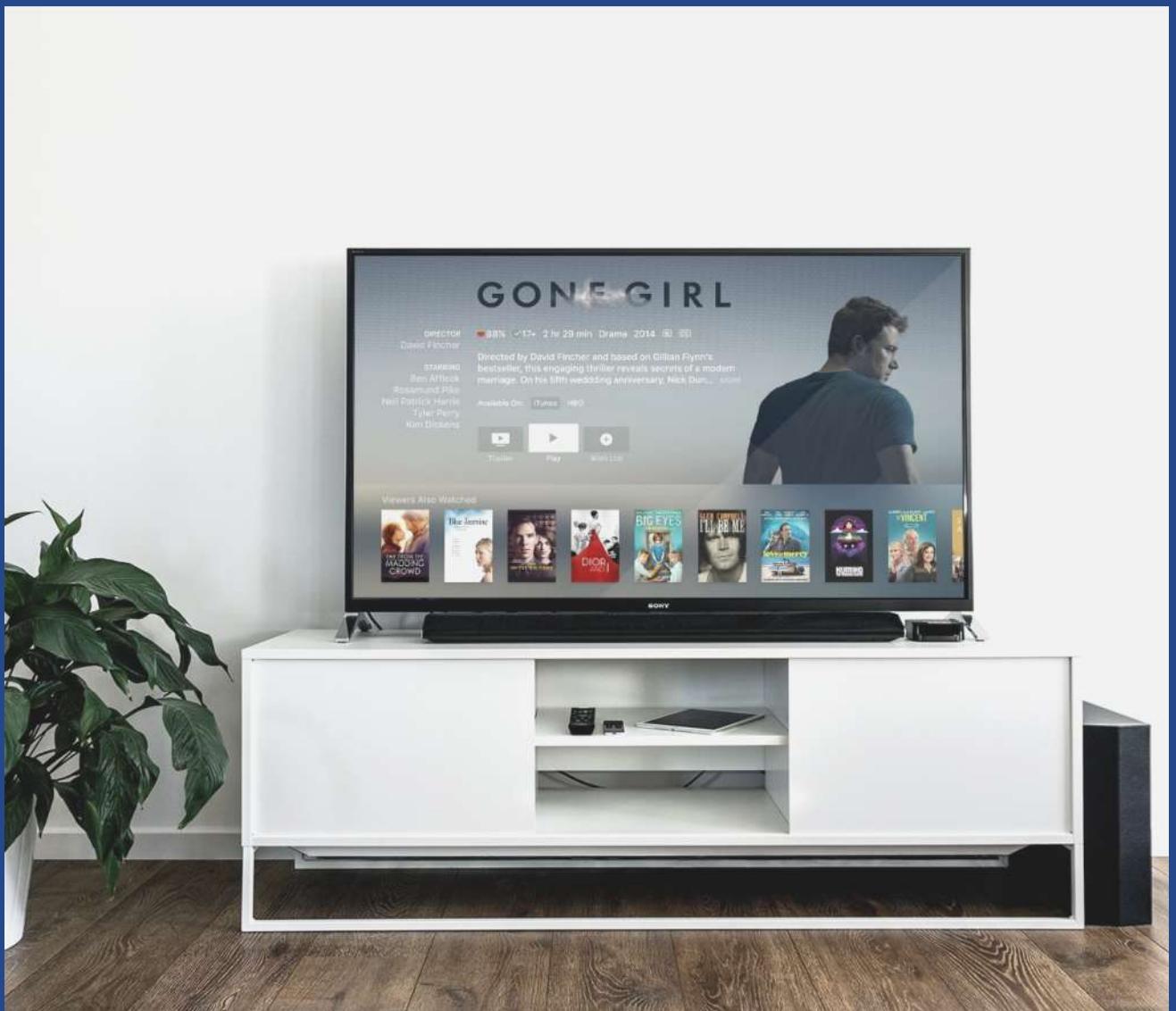
**About the client:** The project was implemented for the startup based in the US.

**Project Description:** There are thousands of non-profit organizations in the USA. These non-profit organizations are tax-exempt organizations. However, twice per year, they fill a number of tax information related forms. These forms are produced and provided by the US state agencies and are open. The filled forms are then digitized and stored in the Amazon S3 bucket. Hence they are publicly available. The project aims to parse the XML format of these forms and gather data. Our pipeline is focused on gathering the useful information of the staff of these non-profit organizations such as salary, the number of working hours per week, titles, emails, phone numbers, and so on. Our pipeline is also capable of filtering the data on the organization level to extract information for each non-profit organization, such as number of employees, their contact information, the revenue of the organization etc. The final aim of the project is to have the talent pool of the staff members of these non-profit organizations and provide this data to interested parties.

#### **Technologies:**

- AWS, Python, Scrapy, Pandas, Postgres.





## ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

# ENTERTAINMENT DATA ANALYSIS

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*Project*

**About the client:** The project was implemented for the Inflight entertainment provider company based in the US.

**Project Description:** The client operates on the inflight entertainment market. They sell inflight entertainment content, such as movies, TV, magazines, WiFi to the airplane companies. The project aimed to analyze the data of the different inflight entertainment provider companies to have better awareness of how to set (fair) price for their product. Moreover, they were interested in figuring out why the prices across different providers were different and what factors were driving these differences, hence feature importance analysis has been conducted.

**Technologies:**

- Excel, Python, Statsmodels





ARTIFICIAL INTELLIGENCE SERVICE PROJECTS

# VISUAL INFORMATION ANALYSIS FOR HEALTH CONDITION TRACKING

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*Project*

**About the client:** Developer and supplier of sport and health IoT devices for tracking different health conditions of their users. Company is based in Germany.

**Project Description:** In the scope of the project we have analysed visual data describing the consumer's postures. Visual data has been recorded using the special device produced by the client. Based on medical knowledge we have modeled a number of healthy postures using the graphics modelling tool Blender, transformed it into the format, which is compatible with the format provided from the device and trained the model for classification of the healthy and unhealthy postures. Final result has been wrapped as a deployable implementation written in python.

#### Technologies:

- Graphics modelling tool Blender, Python, Scikit Learn (Support Vector Machine).



# PARTNERS



## OUR TECHNOLOGY PARTNERS



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