Xquisite AI

Portfolio and Profile

how we can help

XQUISITE GROUPS

Xquisite AI

Group Holding
Data Analytics Implementation

OVERCAST TECHNOLOGY

Cloud Subscription and Management

LapisAI

AI Implementation Services

10X

ERP and Productivity Suite

LEVEL UP!

Academy and In-House Training

XQ Consulting
Business Consulting Company

Tech and Management Consulting

GRIT

Tech Talent Search (Headhunter)

XTA

Agile & Tech Outsourcing

https://xquisite.ai

https://xquisite.ai

About us

Since 2016, we've fervently empowered enterprises with advanced data analytics, propelling business growth through innovative initiatives.

Our proven success across diverse industries underscores our commitment to driving insights and transforming businesses into data-driven leaders.

Our Vision

to help our customers become data-driven enterprise

by utilizing their data, external data, (cloud/big) data platform, analytics, and automation.
Get the otherwise-obscure insights and operation-grade analytics with our solutions and products.

Our Mission

Mission

Empower enterprises with cutting-edge data analytics solutions and technology to drive informed decisions and achieve sustainable growth

to be the forefront technology company in Data and AI landscape in South East Asia

Our Milestones

Where are we so far

2016

Founded with Xquisite Informatics as the brand identity focusing on big data and analytics.

2019

Achieve 1 Million USD total revenue with 50+ data analytics projects, awarded as top big data analytics company in Indonesia. Spun-off Overcast, focusing on Cloud solutions.

2021

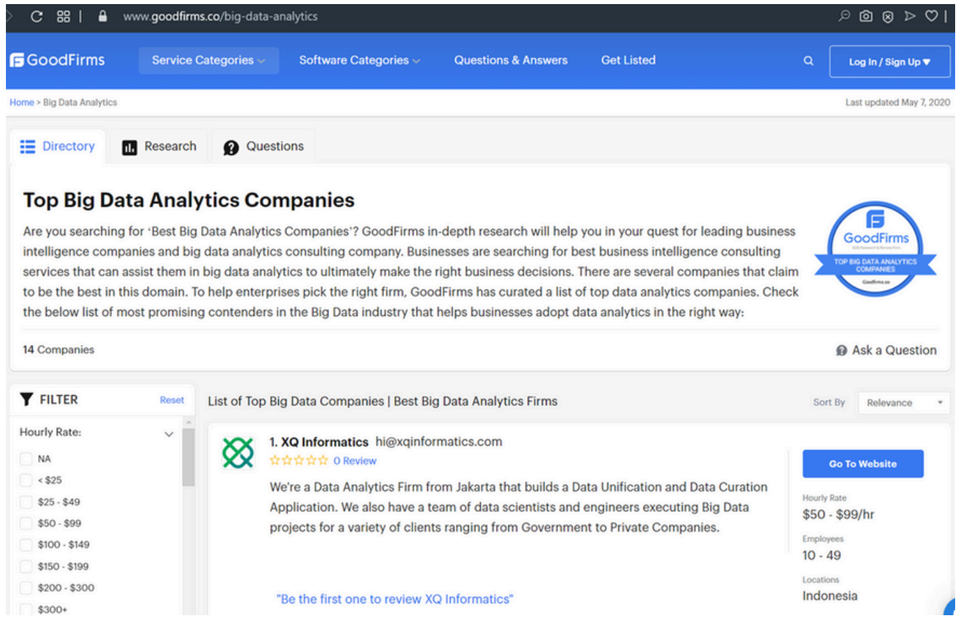
Rebranded into Xquisite AI, awarded as Gold and Managed Partner of Microsoft, selected on NVIDIA inception program.

2023

Growing 100+ local team of engineers, scientist, analysts and spun-off Lapis AI - OpenAI implementation partner.

Our Milestones

Where are we so far



Microsoft Partner
Microsoft

Gold Data Analytics
Gold Data Platform
Silver DevOps

NVIDIA
INCEPTION PROGRAM

PORTFOLIO

FSI

BCA
mandiri
BNI
BANK BRI
bank sinarmas
Danamon
BANK INDONESIA
BANK SENTRAL REPUBLIK INDONESIA
mandiri syariah
BANK DKI
BANK MAYAPADA
syariah btpn
ADIRA FINANCE
bank bjb
jalin
Pegadaian
IFG
UOB
PRUDENTIAL
ASURANSI PAROLAMAS
ZURICH

TELCO, ENERGY, MANUF.

XL
indosat OOREDOO HUTCHISON
Telkom Indonesia
PERTAMINA
SIG
golden energy mines
AHM

FMCG & HEALTHCARE

DANONE NUTRICIA Early Life Nutrition
PT HM SAMPOERNA Tbk.
Johnson & Johnson
ABC
nutrifood
combiphar
RUMAH SAKIT UMUM DAERAH Dr. SOETOMO
KALBE
GO BEYOND

OTHERS

BINUS UNIVERSITY
ASTRA international
sera
agit
Garuda Indonesia
Citilink
BMKG
BADAN INFORMASI GEOSPASIAL
BNPB
Posterscope Indonesia
JARIS & K.

XQ Works well with Microsoft Azure

Azure Gold Partner

XQ achieved Gold partner status as Microsoft partner in Data Analytics and Data Platform

Microsoft Partner
Microsoft

Gold Data Analytics
Gold Data Platform
Silver DevOps

Data and AI Laser-Focus

XQ is one of preferred partner on Data and AI landscape since 2019

Microsoft's Managed-Partner

XQ has assigned partner manager from Microsoft to develop Data and AI implementation

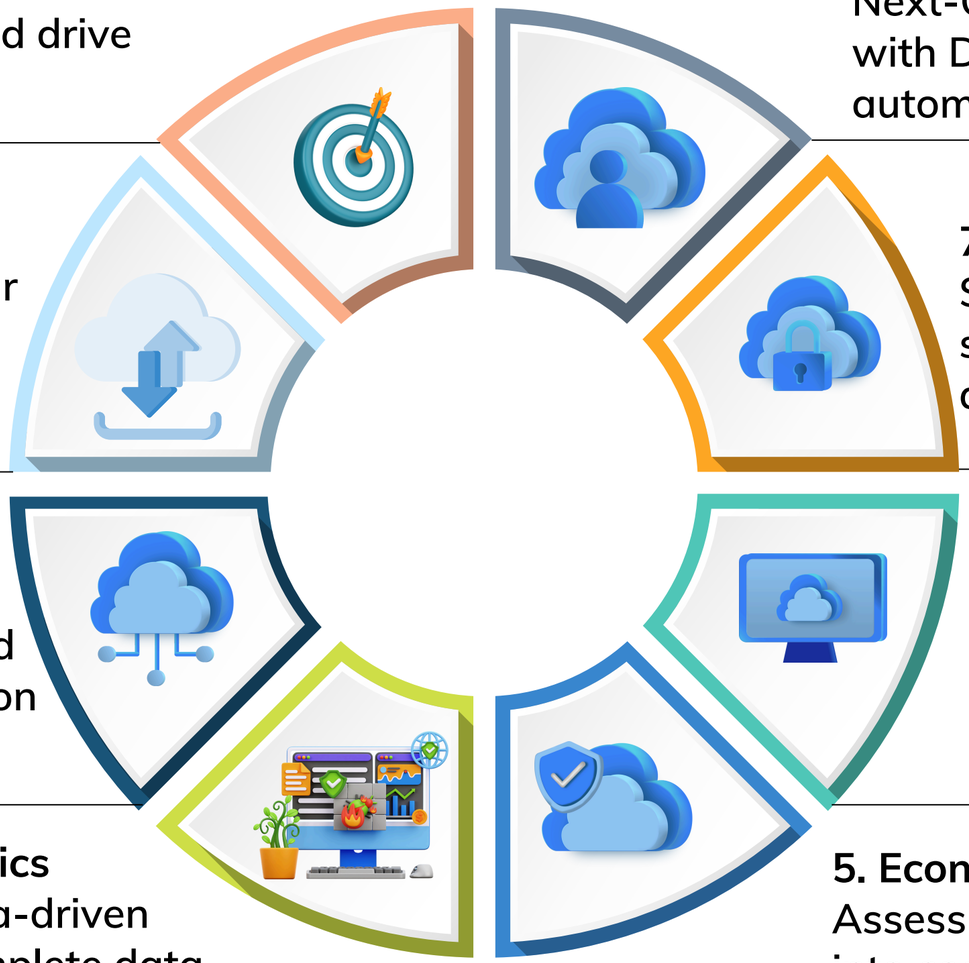
Comprehensive Cloud Offerings

1. Advisory
Unlock cloud full potential to boost enterprise agility and drive business growth.

2. Migration
Accelerate and Automate your on-premise or other cloud workload to Azure.

3. Modernization
Empowers businesses with increased agility, scalability, and cost-efficiency, driving innovation and competitive advantage.

4. Data and Analytics
Transform into data-driven enterprise with complete data platform and cohesive strategy.



5. Economics
Assess and reshape your setup into cost-effective architecture.

6. Reliability & Assurance
Ensuring the performance, scalability, and reliability of applications in the cloud.

7. Security
Strengthen enterprise cloud security with practical insights and tailored recommendations.

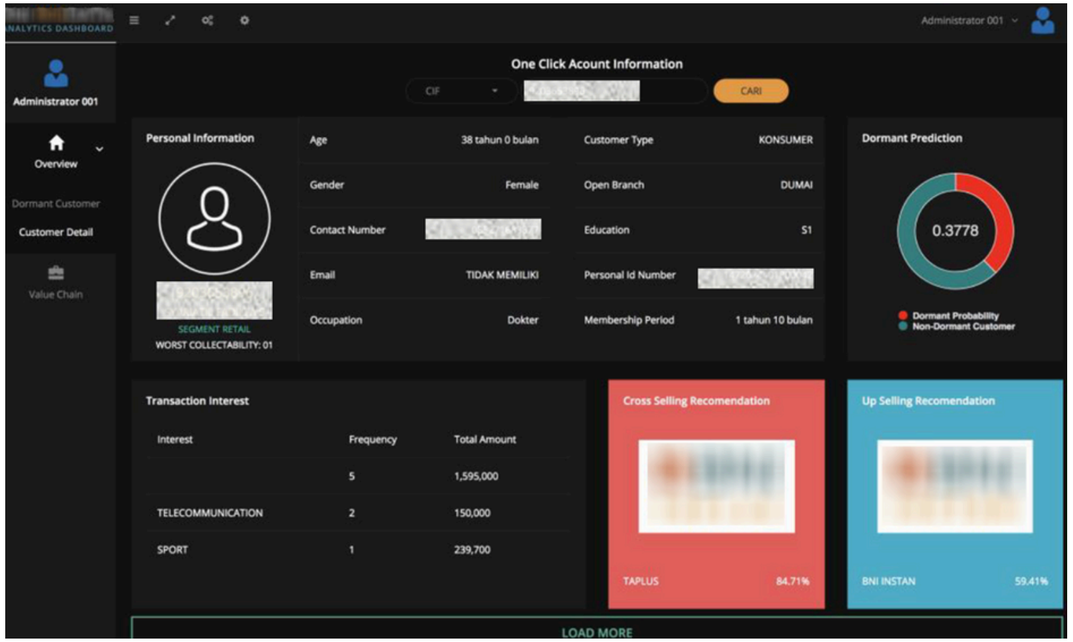
8. Managed Service
Next-Gen Cloud Managed Service with DevSecOps and GenAI automation.

01

Advanced Analytics

Customer Profiling

A.k.a. 360-degree profiling



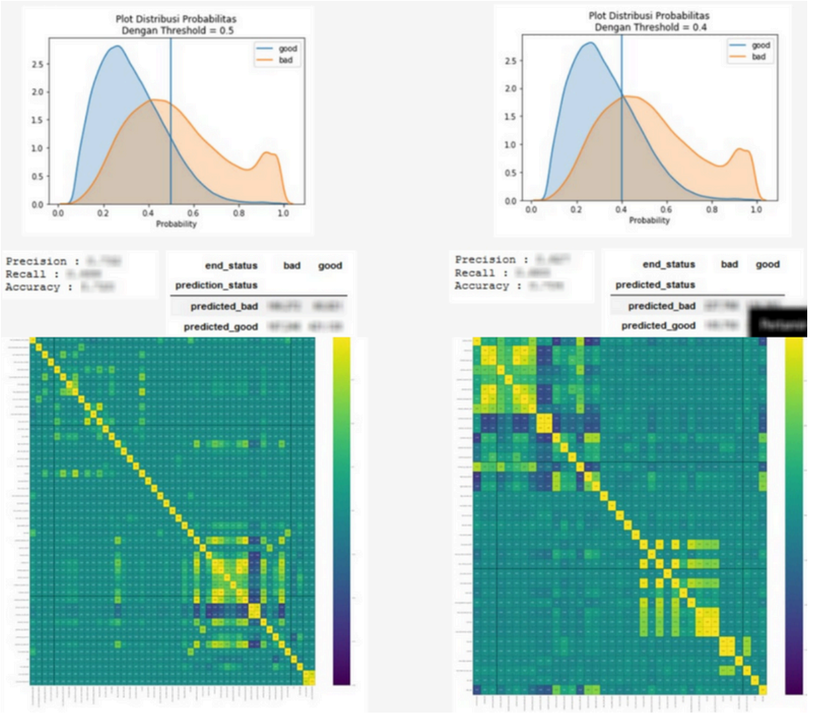
What makes our approach different from traditional management consulting method is that we collect relevant data touch point and develop relevant machine learning model (segmentation, clustering) needed to generate actionable insight that is personalized profile.

Actionable insight:

initiate social intelligence, design customer segmentation and scoring strategies around customer interests, rather than simply relying on historical transaction data.

ML-Based Credit Scoring

for Banking and FSI



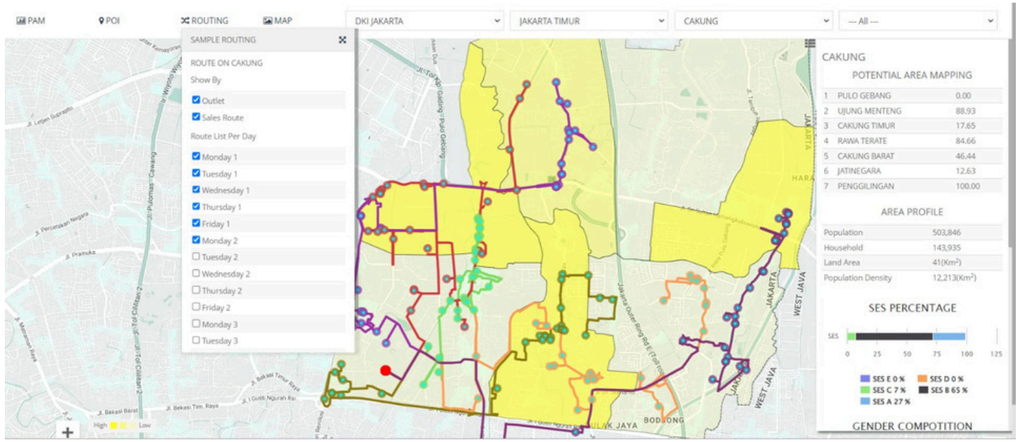
What makes our approach different from traditional credit scoring method is that we develop data-driven credit scoring from customer profile and behavior data using machine-learning. Production-grade: we automate credit scoring procedure from start to finish. Leveraging data and business value has improved our client competitive advantage in digital era.

Proven Benefit:

Cut down scoring process from 1 to 2 business days into mere minutes

Route Optimization

Your Ultimate Sales Companion



In the dynamic realm of sales, efficient route planning is pivotal. The Route Optimization solution is tailored to enhance the productivity of your sales team by providing an intelligent and optimized route for visiting customers. Armed with a pre-existing list of customers, your sales force gains the strategic advantage of optimal routes, considering factors such as distance, time, and fuel efficiency.

Actionable Insight:

1. Strategic Planning: Leverage Route Optimization's insights for strategic planning and resource allocation.
2. Real-time Adaptability: Stay agile with the ability to adapt routes in real-time, accommodating unforeseen changes.
3. Data-Driven Decision-Making: Harness the power of data analytics to continually refine and optimize sales strategies.

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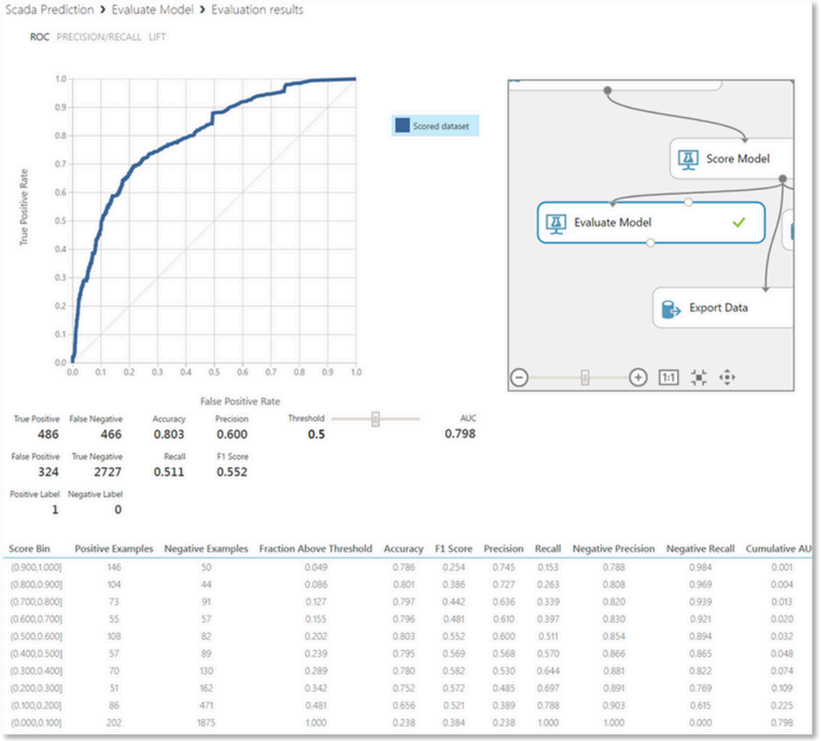
Predictive Maintenance

Enhance Manufacturing Expense Saving with Preventive Method



Score Bin	Positive Examples	Negative Examples	Fraction Above Threshold	Accuracy	F1 Score	Precision	Recall	Negative Precision	Negative Recall	Cumulative AU
(0.900,1.000]	146	50	0.049	0.786	0.254	0.745	0.153	0.788	0.984	0.001
(0.800,0.900]	104	44	0.086	0.801	0.386	0.727	0.263	0.808	0.969	0.004
(0.700,0.800]	73	91	0.127	0.797	0.442	0.636	0.339	0.820	0.939	0.013
(0.600,0.700]	55	57	0.155	0.796	0.481	0.610	0.397	0.830	0.921	0.020
(0.500,0.600]	108	82	0.202	0.803	0.552	0.600	0.511	0.854	0.894	0.032
(0.400,0.500]	57	89	0.239	0.795	0.569	0.568	0.570	0.866	0.865	0.048
(0.300,0.400]	70	130	0.289	0.780	0.582	0.530	0.644	0.881	0.822	0.074
(0.200,0.300]	51	162	0.342	0.752	0.572	0.485	0.697	0.891	0.769	0.109
(0.100,0.200]	86	471	0.481	0.656	0.521	0.389	0.788	0.903	0.615	0.225
(0.000,0.100]	202	1875	1.000	0.238	0.384	0.238	1.000	1.000	0.000	0.798

we develop a machine learning model to predict when a specific machine will be out of work and suggest applying preventive maintenance. Our run-in with this use case was on an automotive industry, yielding 80%+ accuracy of the prediction.
We can deliver end-to-end engagement (on-premise or Cloud) or deliver machine learning models as needed.

Proven Benefit:
Save cost on maintenance (that proven to be taking significant amount of expenses in manufacturing company), minimized downtime.

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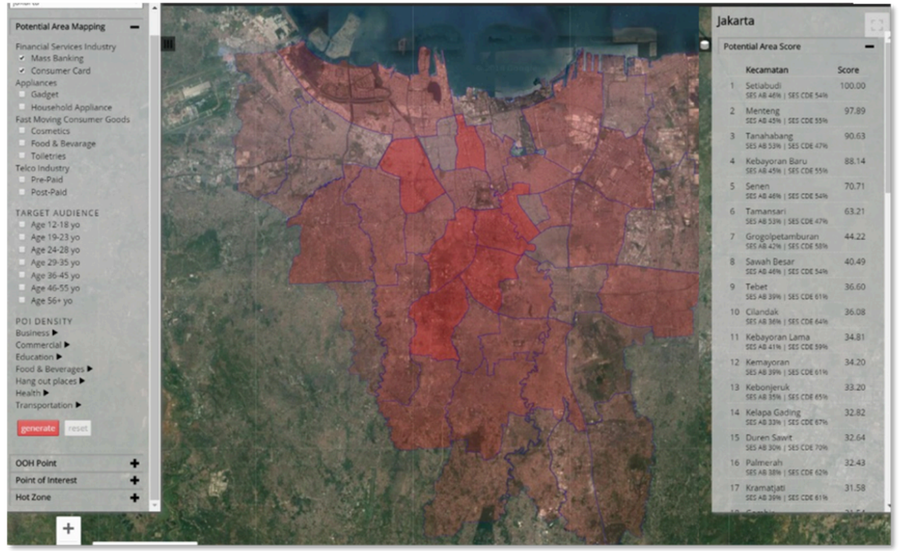
Area Scoring

Target your market more geographic and demographic-accurate



Combining Indonesia geographical data (from BPS) and overlaying it in GIS, we can develop a model to score each areas (down to kelurahan/village level)
This score can locate where your target market is located based on the queries/parameters (e.g. age distribution, gender, Social-Economic Status, among other variables).

Actionable Insight:
Get to know where your market lives; data-driven territory management.

Dynamic Pricing

This tool utilizes historical financial data, harnessing the power of advanced machine learning models and feature engineering to predict future cash flows accurately. The result is a robust financial navigation tool that provides precise insights through interactive dashboards, facilitating strategic planning and fostering stability through data-backed decision-making.

Proven Benefit:

1. Retail: Increased profitability through dynamic pricing strategies, responding in real-time to market demand and competitive pricing.
2. Hospitality: Optimized room pricing, leading to an improvement in revenue and occupancy rates.

Advanced Analytics Services

We provide End-to-end AI/Machine Learning, or Advanced Analytics Implementation services with tailor-made approach fitting to our clients' business requirements

Advanced Analytics Use Case Portfolio

the following are several use cases across industries that we have implemented:

- ML-based Customer Profiling (Customer 360-degree view)
- ML-based Customer Segmentation
- Credit Scoring with Machine Learning
- Dormant and Churn Prediction
- Fraud and Anomaly Detection
- Intelligent Route Optimization
- Disease Outbreak Prediction
- Cashflow Prediction
- Predictive/Preventive Maintenance
- Potential Area Mapping/Scoring
- and many more

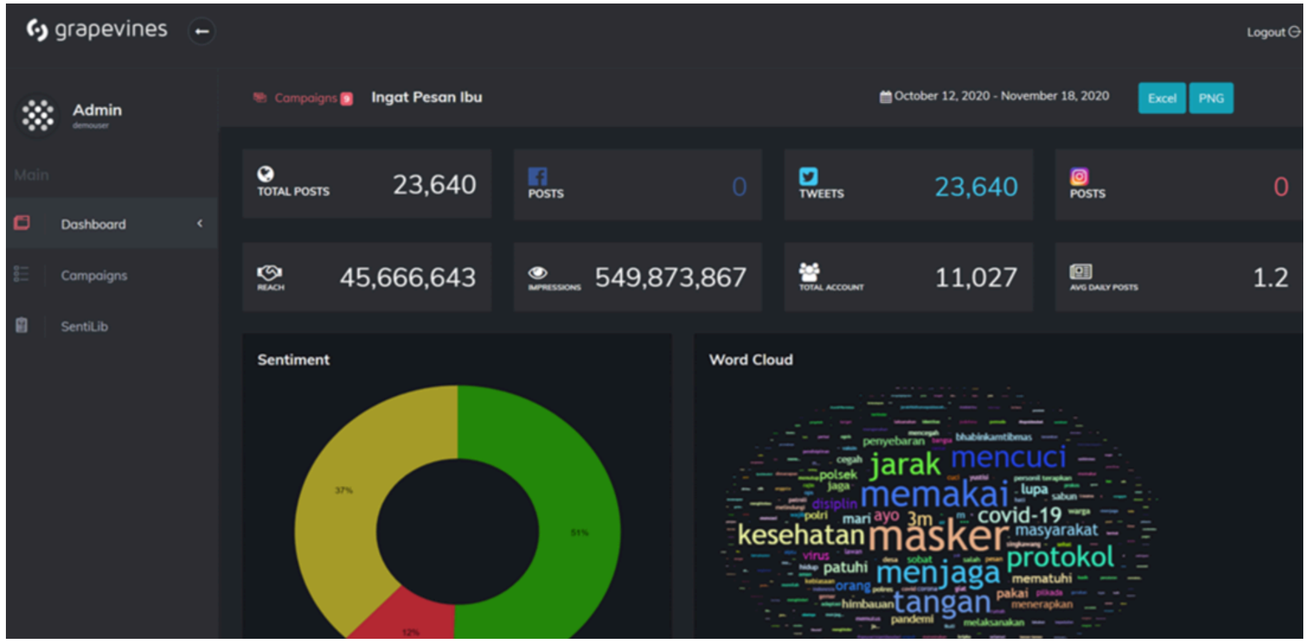
02 grapevines

Data Service Solutions

Grapevines is XQ's home-grown product for digital data acquisition service for publicly available data

Topic Monitoring

Social and Online Media Data Acquisition Use Case



grapevines

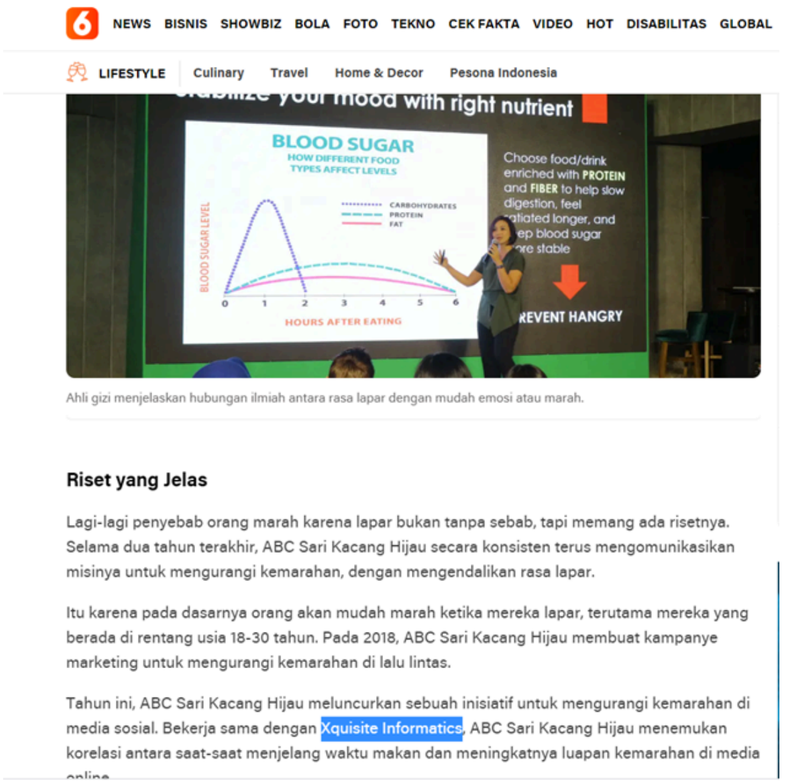
Our engine can scrap, crawl, and listen to the data from digital spheres based on keywords that you can choose. When the keywords are being mentioned, we can listen to them, store them, and analyze them for your insights.

Actionable Insight:

Find out how many in digital sphere is talking about that topic, sentiment, and proxy location.

Market Insight

Social and Online Media Data Acquisition Use Case



NEWS BISNIS SHOWBIZ BOLA FOTO TEKNO CEK FAKTA VIDEO HOT DISABILITAS GLOBAL

LIFESTYLE Culinary Travel Home & Decor Pesona Indonesia

Ahli gizi menjelaskan hubungan ilmiah antara rasa lapar dengan mudah emosi atau marah.

Riset yang Jelas

Lagi-lagi penyebab orang marah karena lapar bukan tanpa sebab, tapi memang ada risetnya. Selama dua tahun terakhir, ABC Sari Kacang Hijau secara konsisten terus mengomunikasikan misinya untuk mengurangi kemarahan, dengan mengendalikan rasa lapar.

Itu karena pada dasarnya orang akan mudah marah ketika mereka lapar, terutama mereka yang berada di rentang usia 18-30 tahun. Pada 2018, ABC Sari Kacang Hijau membuat kampanye marketing untuk mengurangi kemarahan di lalu lintas.

Tahun ini, ABC Sari Kacang Hijau meluncurkan sebuah inisiatif untuk mengurangi kemarahan di media sosial. Bekerja sama dengan Xquisite Informatics, ABC Sari Kacang Hijau menemukan korelasi antara saat-saat menjelang waktu makan dan meningkatnya luapan kemarahan di media

When launching a new product, or a new campaign, there are certain keyword focus that need to be picked to better resonate with the audience in social media or otherwise. Our engine can crawl related topical keywords on social media and populate the result and insight so the marketing team can choose and validate which keywords or topic they see fit their product/campaign better.

Actionable Insight:

Find out your target market interest and profile. Generate relevant keywords and messages

Property Appraisal

Banking Home-Loan Use Cases

Banks need to validate each applicants' data for housing finance. Data such as land price per m2, overall house price with typical m2, can actually be identified from property marketplace.
Our engine can scrap the data from the marketplace by matching the location (some can provide detail longitude-latitude). This can save significant amount of 3rd party appraisal (offline).

Actionable Insight:
Fair proxy on market data

grapevines

Automotive Appraisal

Banking Home-Loan Use Cases

grapevines

Multifinance Institutions and Pawn Shops need to validate each applicants' data for automotives (car, motorcycle) refinancing asset price. Specific data such as X brand, Y model, red color, AT, production year, etc can actually be identified from marketplace.
Our engine can scrap the data from the marketplace by matching the location and specs. This can save significant amount of 3rd party appraisal (offline).

Actionable Insight:
Fair proxy on market data

Marketplace Insigt

Banking Home-Loan Use Cases

More transactions are moving to online marketplace everyday. this brings obtainable insight as performance of brands listed items can be monitored publicly. with our engine, get timely performance data on your brand (or select competitors) about items sold, price difference (promo, increase, etc) and more.

Actionable Insight:

Brand market performance, competitor performance monitoring

grapevines

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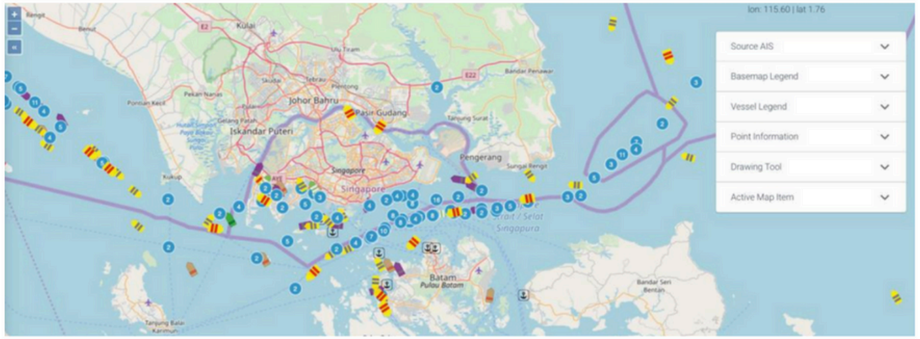
03

SaaS Ready

Atlas

ATLAS

Empower your implementation strategy with Atlas for a future guided by spatial clarity and fraud prevention.



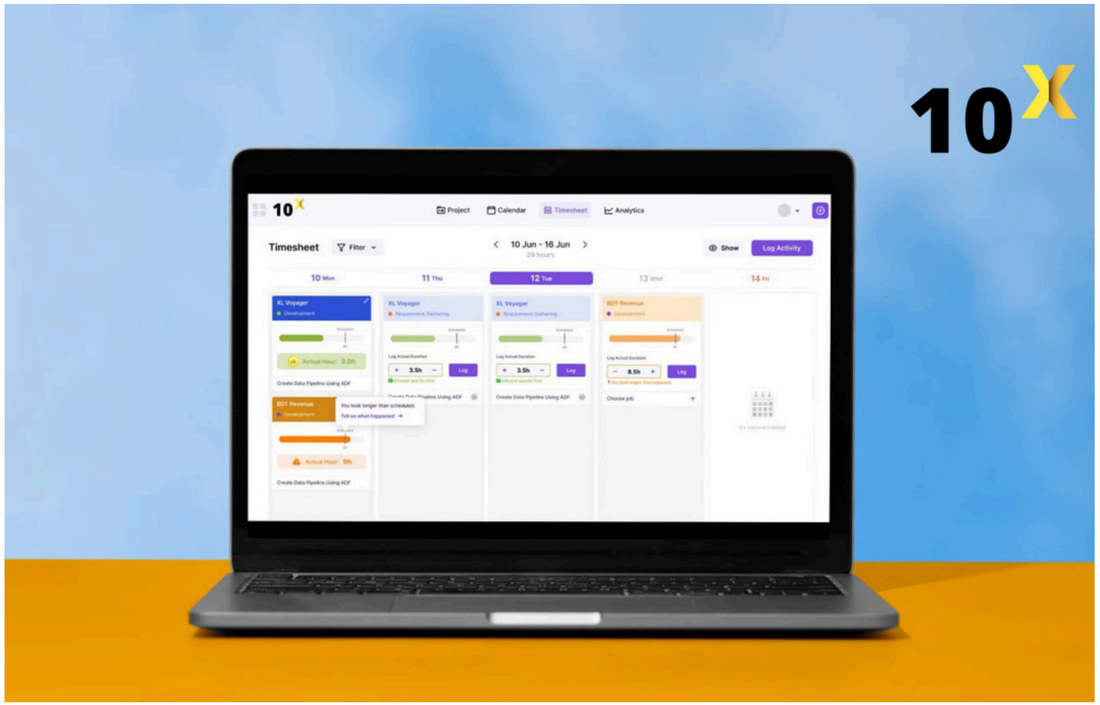
Comprehensive mapping and GIS platform for seamless implementation. With **flexible GIS functions including custom area creation, distance measurement, and contextual fraud analytics**, Atlas empowers you to harness the full potential of spatial insights.

Actionable Insight:

- Create custom areas and measure distances, enabling precise spatial understanding.
- Detect anomalies in vessel tracking, identify illegal contacts, and mitigate risks effectively.
- Leverage Atlas insights for data-backed decisions, optimizing implementation strategies.

10X

Elevate your projects, deliver milestones, and achieve success through precise time management.



Designed with a keen focus on project goals and user delivery,10X guides you through milestones with seamless time tracking, ensuring project success. Navigate milestones effortlessly through precise time tracking, optimizing project outcomes.

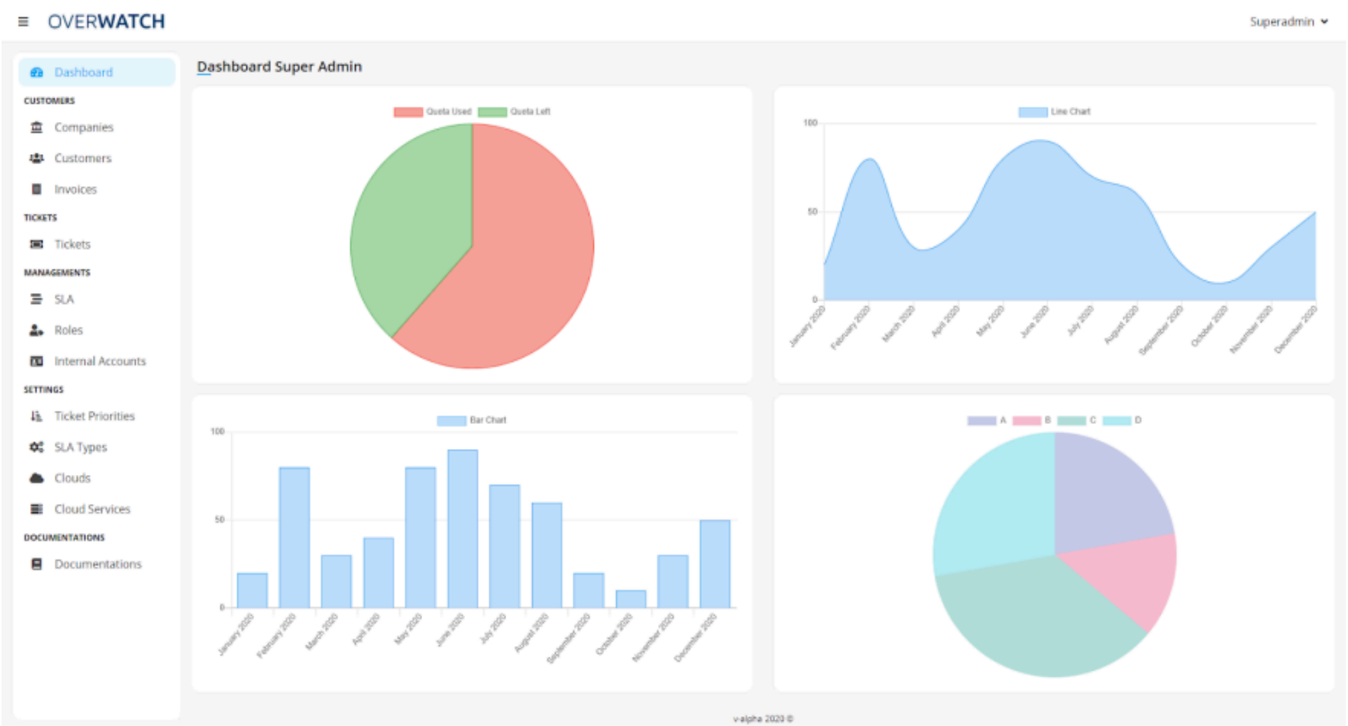
Actionable Insight:

- Achieve project goals with pinpoint time tracking tailored to milestones.
- Ensure user satisfaction through timely project delivery and goal fulfillment.
- Maximize project success by leveraging 10X's seamless tracking system.

https://xquisite.ai

Overwatch

Elevate your cloud experience with Overwatch for unparalleled efficiency and control.



Your Ultimate Cloud Management Solution. **Seamlessly manage cloud subscriptions and reseller accounts with resource management**, billing, and ticketing features, elevating your cloud experience to new heights.

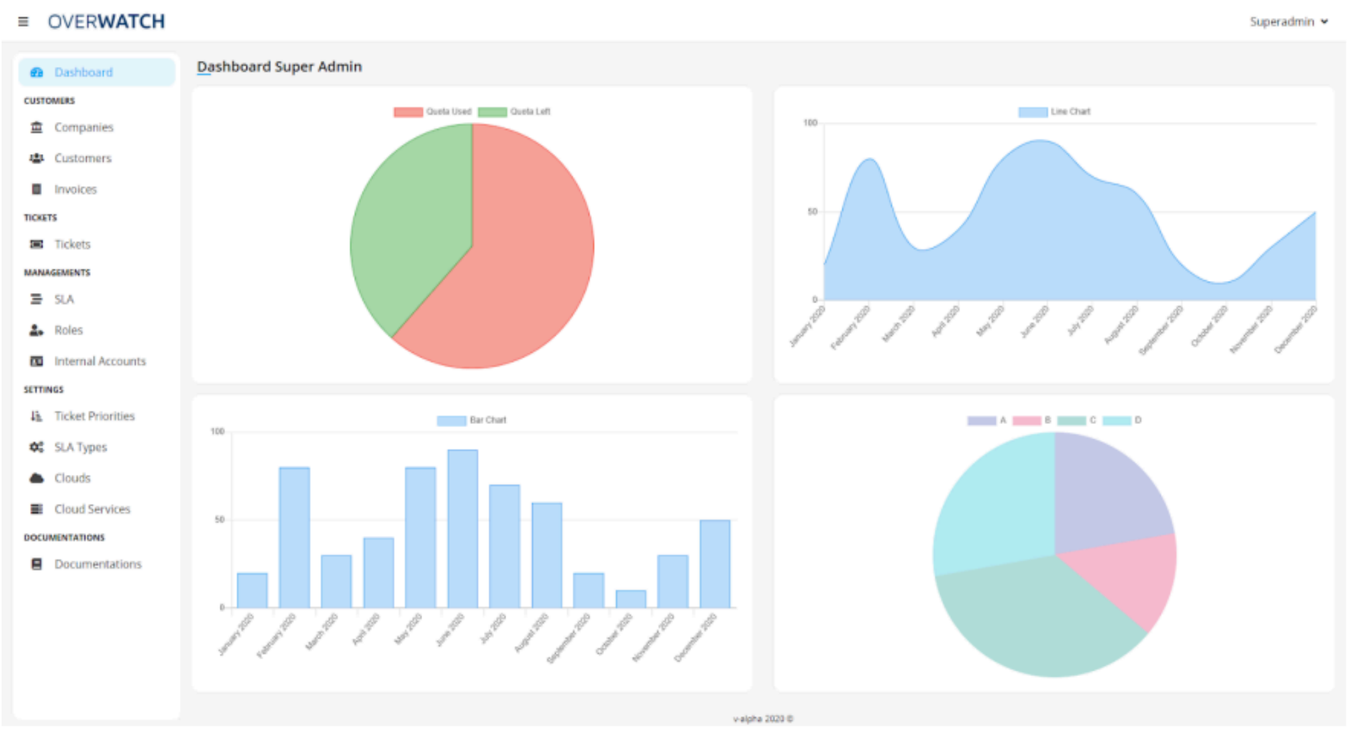
Highlight:

Overwatch brings cloud management to your fingertips. With resource management, billing insights, and efficient ticketing, enjoy an all-in-one platform for streamlined cloud control.

https://xquisite.ai

Overwatch

Elevate your cloud experience with Overwatch for unparalleled efficiency and control.



https://xquisite.ai

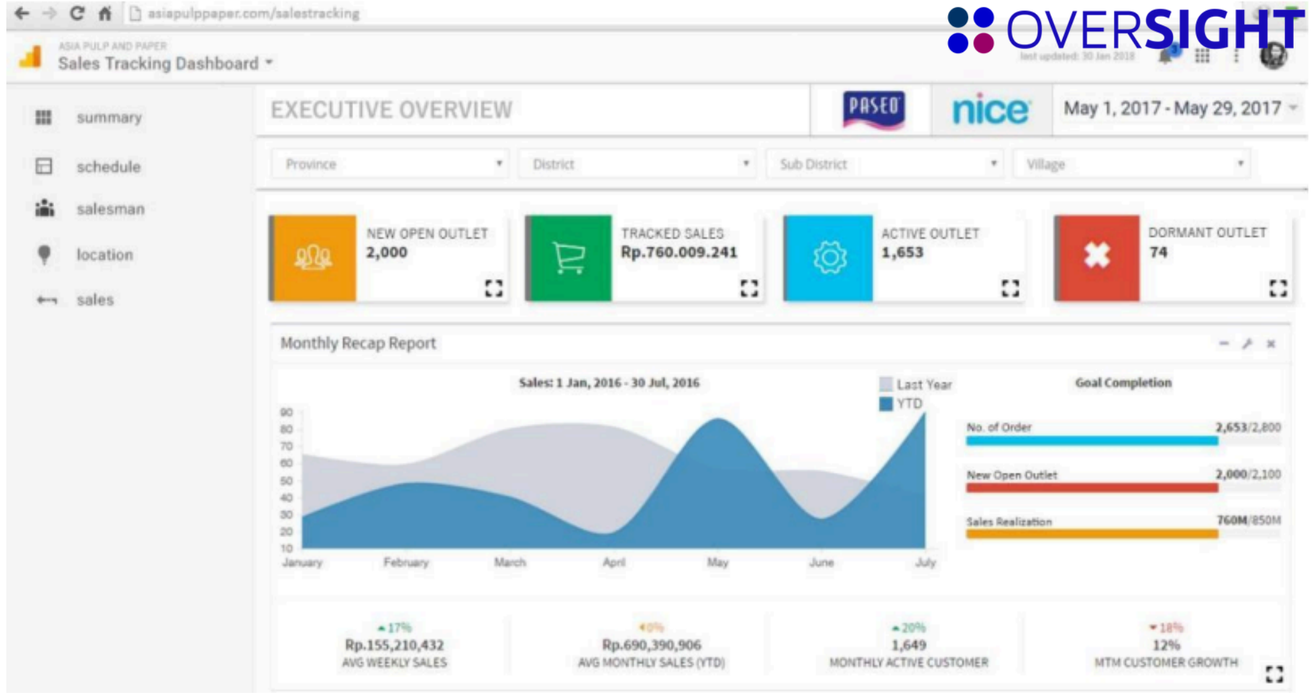
Your Ultimate Cloud Management Solution. **Seamlessly manage cloud subscriptions and reseller accounts with resource management**, billing, and ticketing features, elevating your cloud experience to new heights.

Actionable Insight:

- Resolve concerns promptly with efficient ticketing, minimizing downtime.
- Overwatch simplifies subscription management, boosts billing accuracy, and ensures prompt issue resolution, maximizing cloud efficiency.

Oversight

Empower your business with Oversight for a future enriched by insights and financial efficiency.



Alternative to complex and expensive data warehouse and business intelligence solutions. **With a pay-as-you-go model and operational cost structure,** Oversight offers simplicity, affordability, and unparalleled data insights.

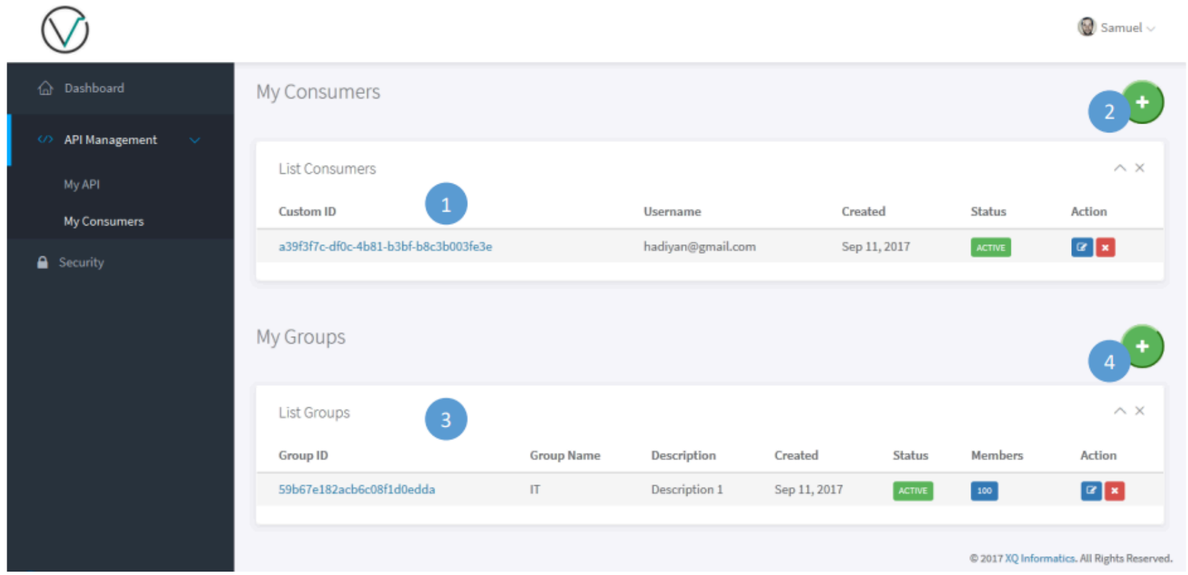
Actionable Insight:

- Opt for a seamless, user-friendly data solution, eradicating complexity.
- Control costs with the pay-as-you-go model, ensuring affordability.
- Oversight simplifies data management, replacing complexity with user-friendly insights.

https://xquisite.ai

VAIA

Elevate your API management experience with VAIA for seamless data handling and improved operational efficiency.



With a multitude of APIs, ports, and endpoints, **managing data flows within your data platform or Hadoop clusters can be complex.** VAIA is your scalable, home-made tool designed to simplify, automate, and enhance API management, transforming the way you handle data.

Actionable Insight:

- Simplify API management with VAIA's scalable and user-friendly solution.
- Leverage automation for hassle-free API management, boosting operational efficiency.
- Extend VAIA's capabilities through Microservices Plugins, catering to specific needs.

https://xquisite.ai

LapisAI

ADVANCING AI ADOPTIONS FOR ENTERPRISE

Unlock the Power of AI for Your Business with GenAI-Driven Solutions

https://lapisai.id

Xquisite AI

LapisAI is a recently spin-off company from Xquisite AI

Xquisite AI is a system integrator company focusing on delivering custom data analytics, machine learning, and AI implementation to enterprise customer. due to growing demand, specific AI (Gen AI at this moment) engagement is spun-off as dedicated company: LapisAI

We' re passionate about helping enterprises adopt Generative AI and making the process easy and enjoyable. Our team of experts will guide you every step of the way, so let' s work together to bring the benefits of this game-changing technology to your business!

PRODUCT FAMILY

LapisAI

RELAI

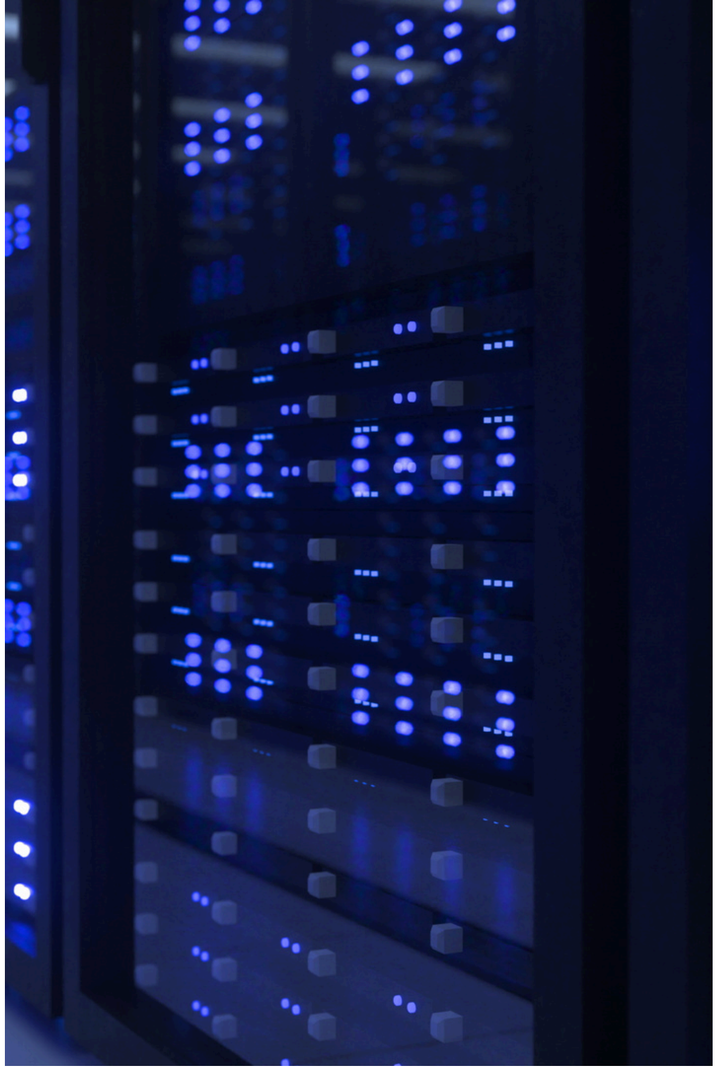
AI-Conversational Analytics

RECOGNICE

Computer Vision Recognizer

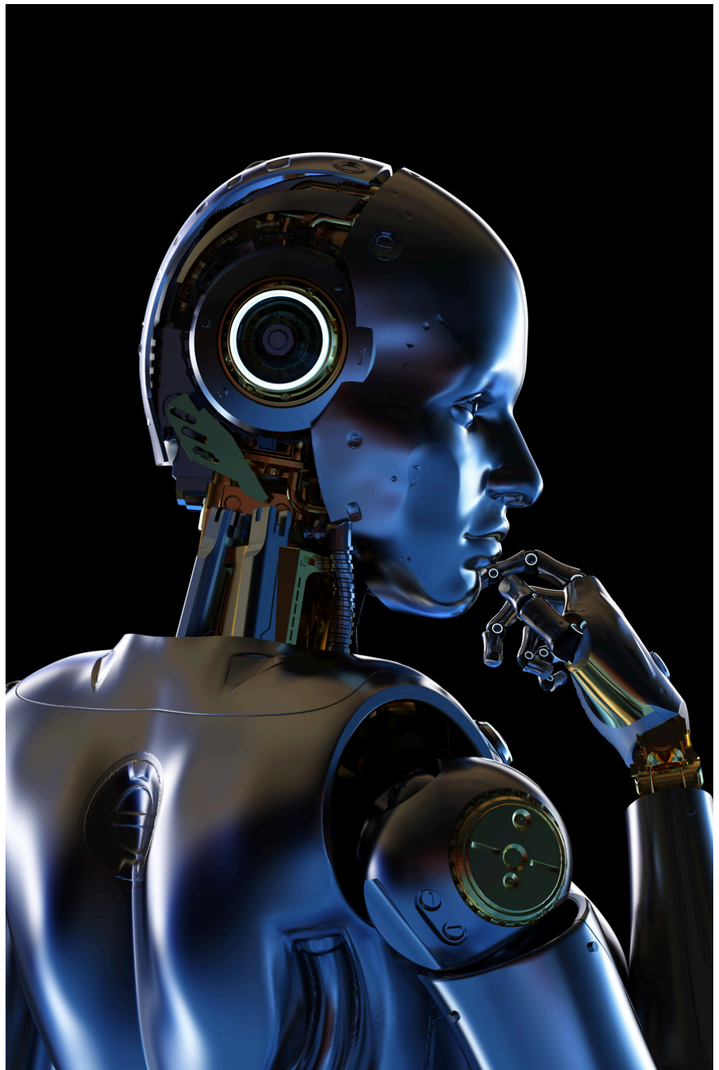
RECAP

Deep-Learning Document Extraction



Enterprise customers can leverage AI implementation to their organization with SaaS offerings from LapisAI for quicker RoI.

LapisAI



RELAI

AI-Conversational Analytics

for Data Retrieval and Knowledge Base Application

RELAI

Knowledge Base Suite

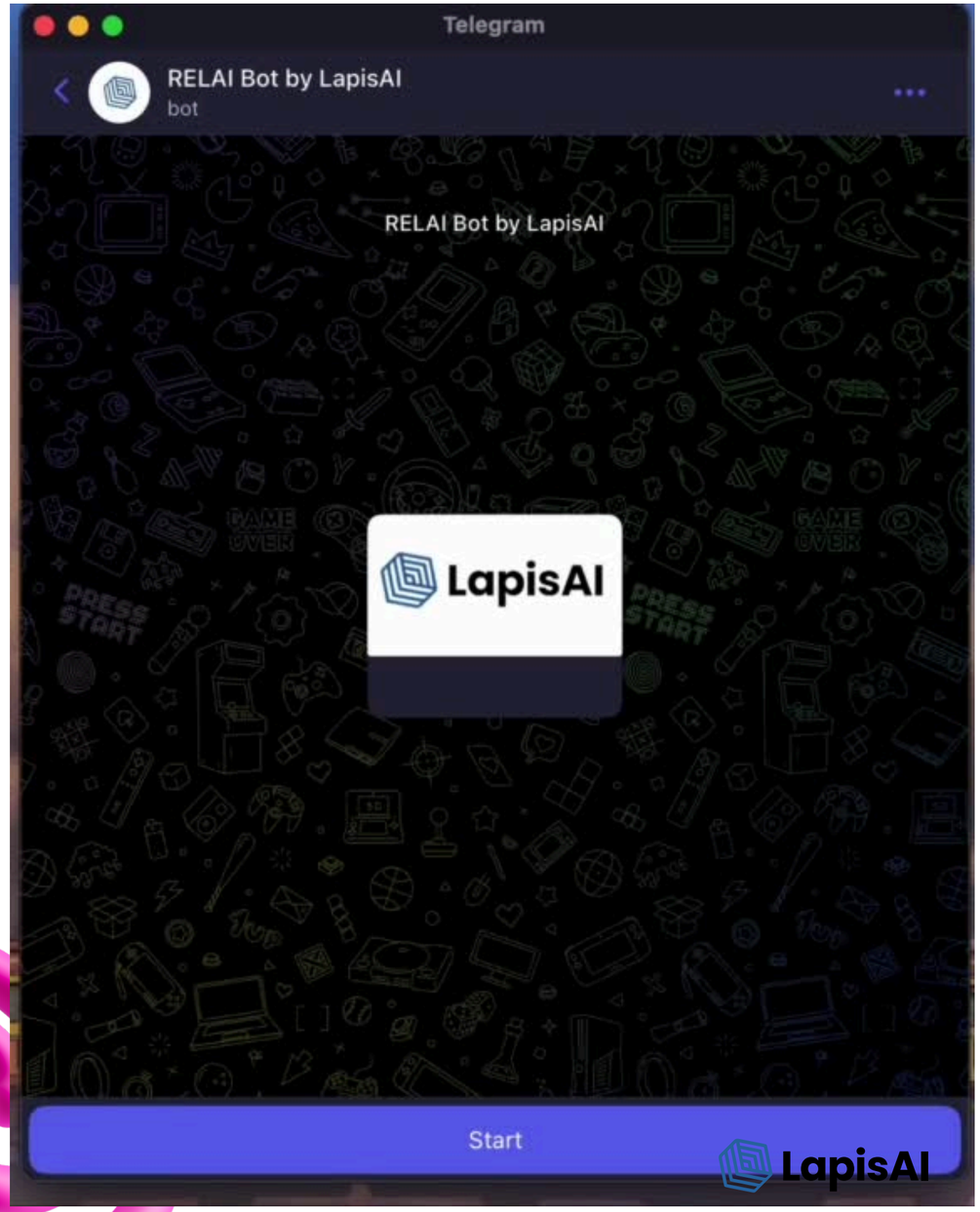
Your ultimate solution for transforming the way you manage and access knowledge within your organization. It's a cutting-edge chatbot powered by the incredible GPT-4, designed to revolutionize customer support and knowledge base management.

Data Retrieval Suite

Your ultimate solution for streamlining data retrieval and analysis within your organization. It harnesses the remarkable capabilities of GPT-4 to transform natural language questions into SQL syntax and then seamlessly executes those queries on your internal customer database.

LapisAI

RELAI Data Retrieval Suite Demo

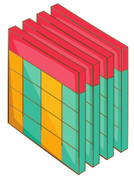


RELAI

RELAI Data Retrieval Suite Key Features

Natural Language Interaction

Say goodbye to the complexities of SQL queries. Ask your questions in plain English/Bahasa, and RELAI will translate them into accurate SQL syntax.



Real-time Database Queries

Instantly retrieve the information you need, with RELAI executing SQL queries within seconds.

Interactive Data Exploration

Dive deeper into your data by conversing with RELAI. Ask for insights, filter data, or request comparisons.

Data Security

Your internal customer database is securely accessed, ensuring data privacy and integrity.

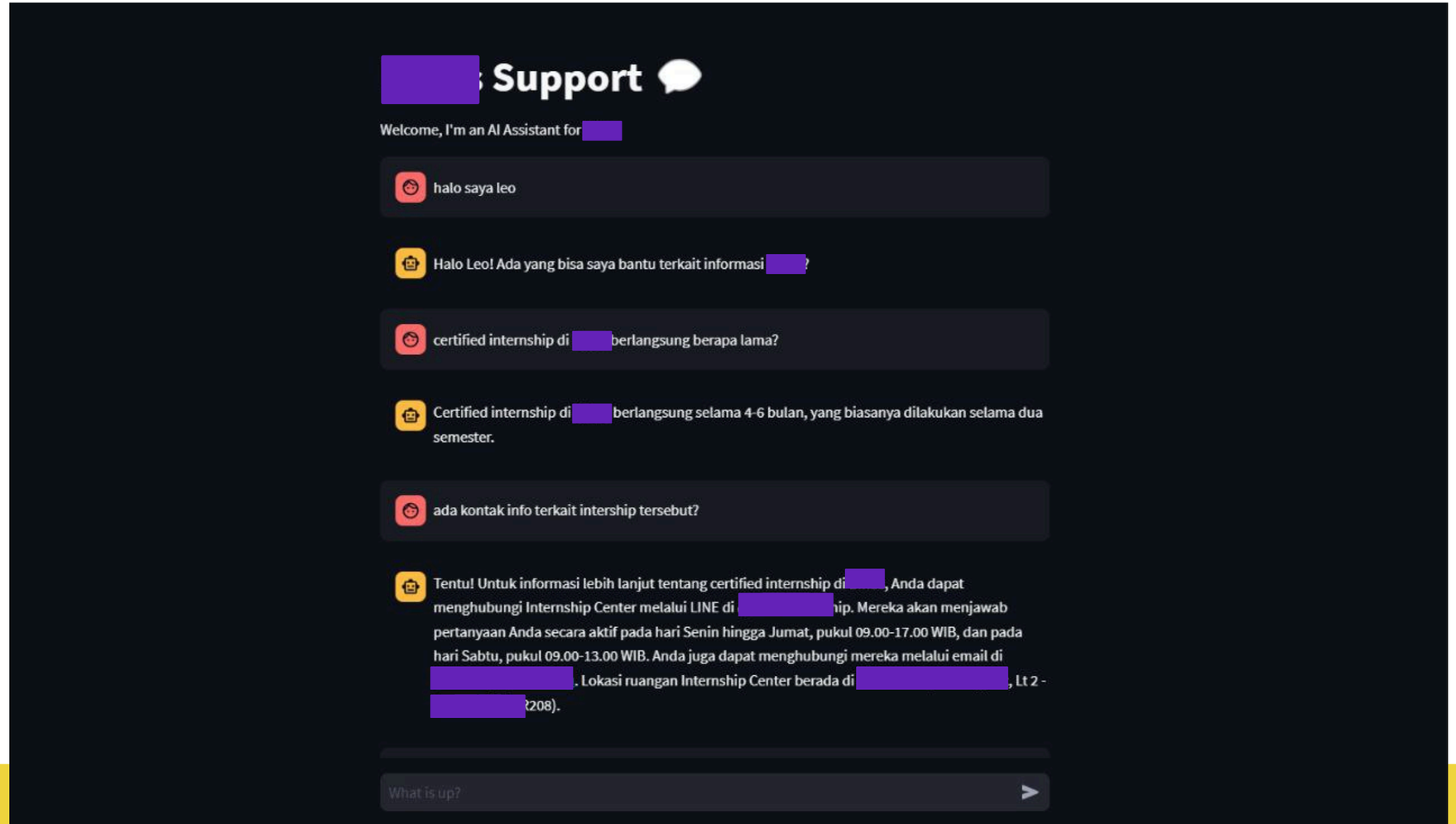
Advanced Insights

Receive valuable data insights, trends, and recommendations, enabling you to make informed decisions with confidence.

RELAI

LapisAI

RELAI Knowledge Base Suite Demo



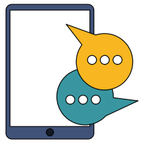
RELAI

LapisAI

RELAI Knowledge Base Suite Key Features

Intuitive Q&A Interface

Customers can ask any questions they have, just like they would to a human. RELAI leverages the advanced capabilities of GPT-3.5 to understand and provide accurate responses.



Instant Answers, 24/7

No more waiting for office hours! RELAI is available around the clock, ensuring your customers get the help they need when they need it.

Personalized User Experience

Our chatbot adapts to the user's unique context, offering tailor-made answers and recommendations. Your customers will feel like they have their own personal knowledge assistant.

Analytics & Insights

Get real-time insights into customer interactions, popular questions, and emerging trends. Make data-driven decisions to improve your knowledge base.

RELAI

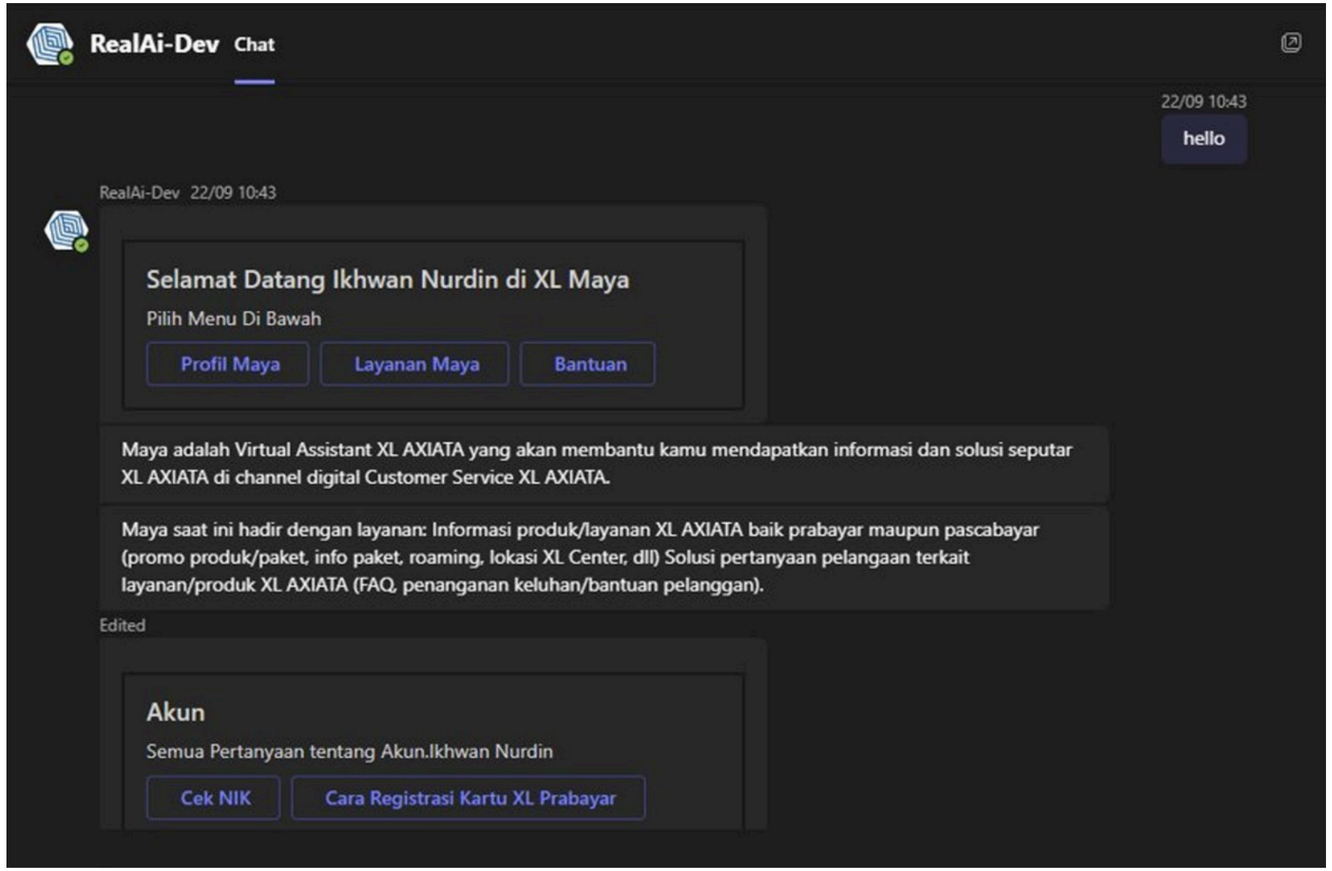
LapisAI

Success Story

Production Grade LLM Telco Chatbot

Success:

1. Develop load balancing Azure OpenAI service architecture that can achieve 100 TPS (>80 stable TPS after tests)
2. Develop intent classification for incoming chat inquiry
3. Develop custom persona side on Maya chatbot using OpenAI



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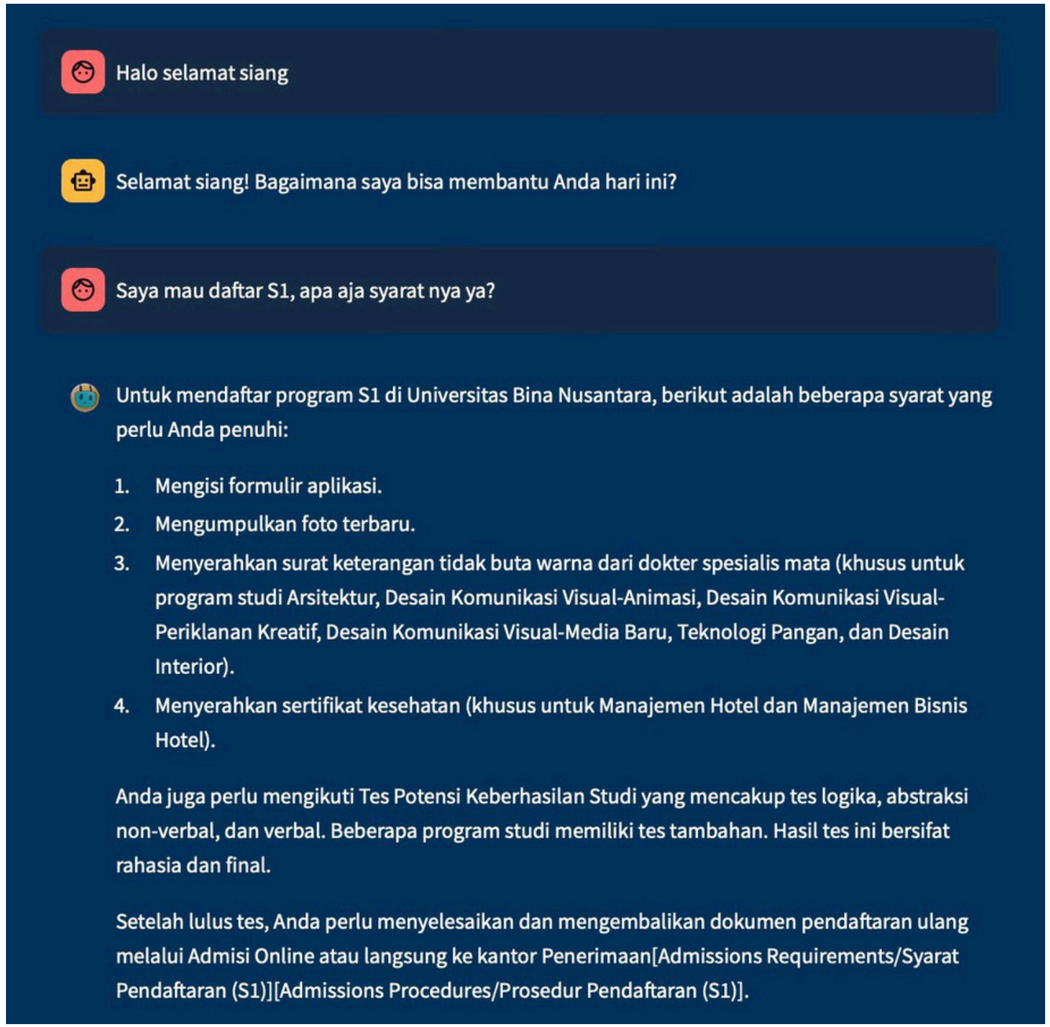
Success Story

Education LLM Chatbot

Success:

No	Objective	Feature
1	Humanis	Develop prompt OpenAI yang menggambarkan persona humanis
2	Integrasi SalesForce	Integrasi dari Azure Bot Framework ke SalesForce
3	Paham context (percakapan sebelumnya)	Develop prompt OpenAI untuk memahami context pertanyaan
4	Deploy WA & Webchat	Deployment chat ke WA & Webchat
5	Mudah untuk manage/update knowledge	Membuat knowledge database (vector) & Integrasi database knowledge



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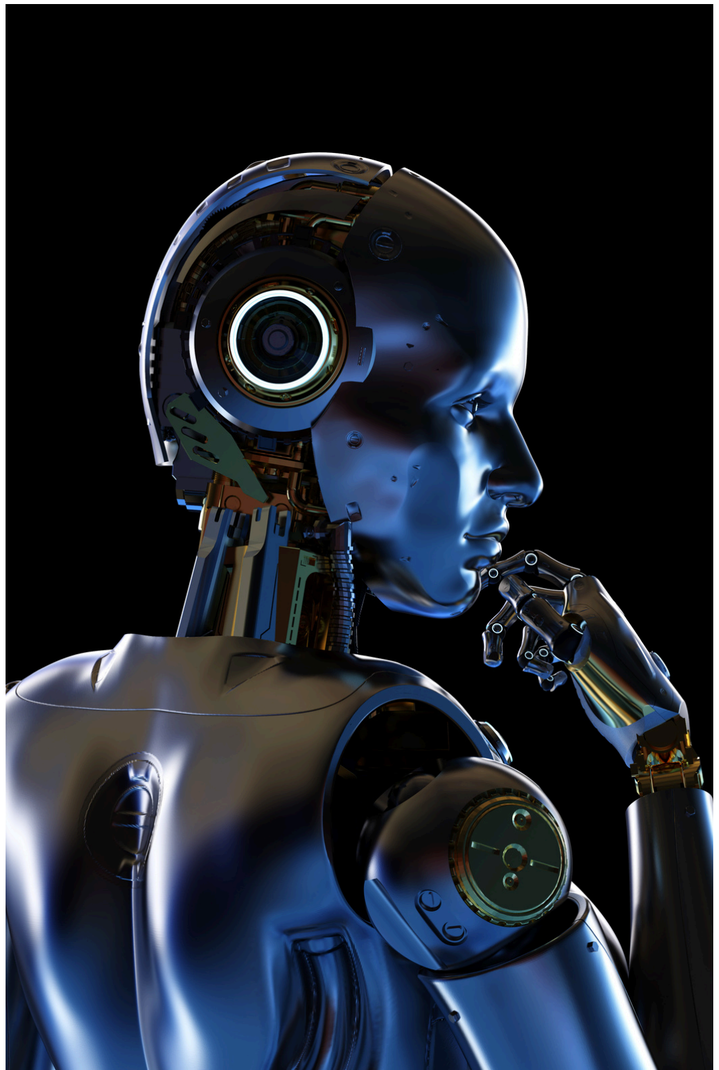

RECOGNICE

Computer Vision Object Recognizer

Object and Human Recognition with Machine Learning

RECOGNICE

Car Detection

Make and Model Recognition & ALPR

Solution Brief

Use Cases

Identify which car manufacturer brand and model from a video or image.
Get car’s License Plate number automatically from a video. Our models has learned and successfully detected Indonesia's license plate using single board computer or cloud technology that can be implemented anywhere.

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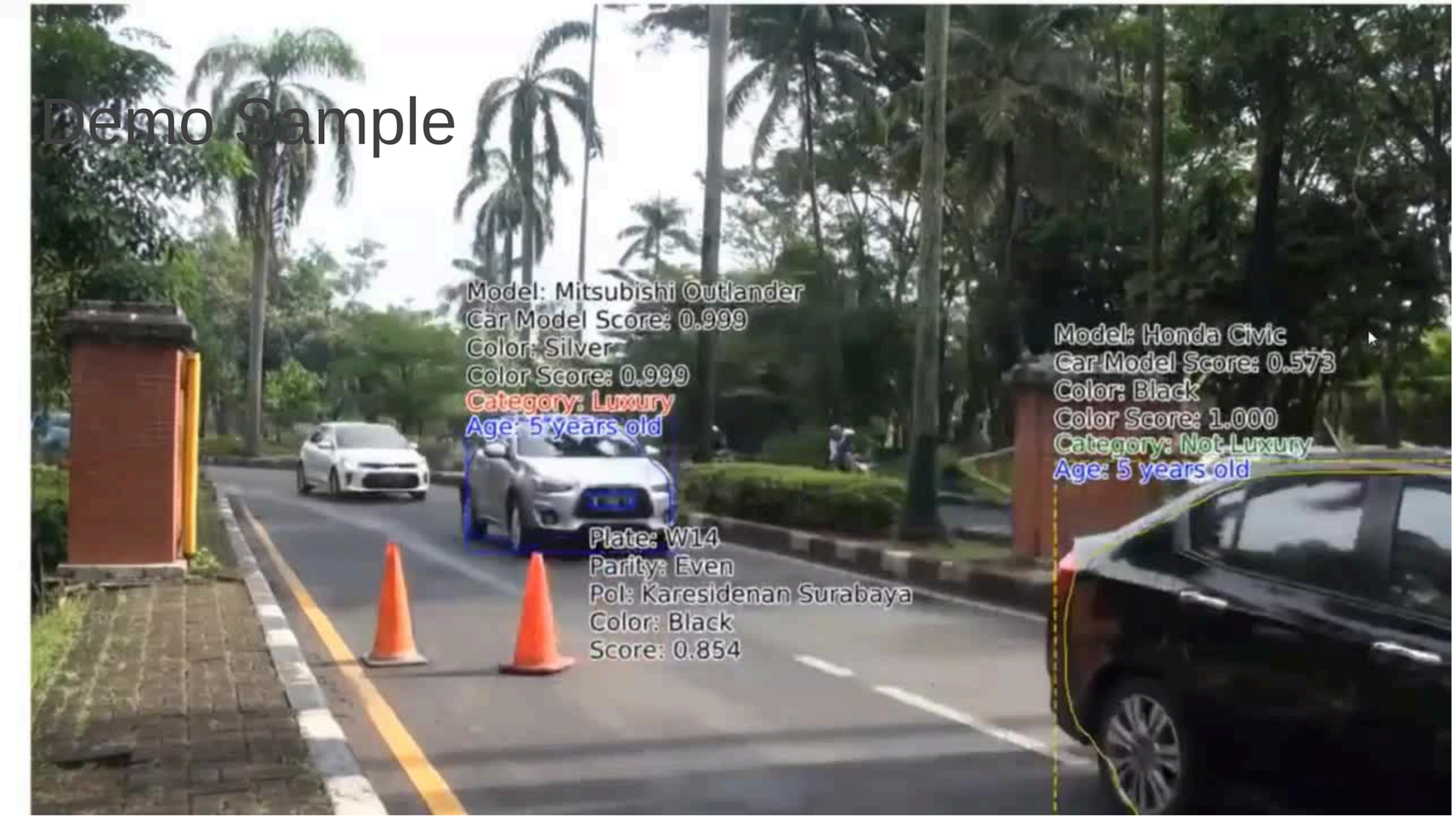
RECOGNICE

Car Detection

ALPR & Make and Model Recognition



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Data Set

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We currently have 106 car types models (trained and validated) and growing.

Data set examples:

{'BMW 320i': 0, 'BMW 520i': 1, 'BMW X1': 2, 'Daihatsu Ayla': 3, 'Daihatsu Gran Max': 4, 'Daihatsu Sigra': 5, 'Daihatsu Terios': 6, 'Daihatsu Xenia': 7, 'Honda Accord': 8, 'Honda BR-V': 9, 'Honda Brio': 10, 'Honda CR-V': 11, 'Honda City': 12, 'Honda Civic': 13, 'Honda Freed': 14, 'Honda HR-V': 15, 'Honda Jazz': 16, 'Honda Mobilio': 17, 'Jeep Wrangler': 18, 'Mazda 2': 19, 'Mazda CX-5': 20, 'Mercedes-Benz C200': 21, 'Mercedes-Benz C300': 22, 'Mercedes-Benz E300': 23, 'Mitsubishi Pajero Sport': 24, 'Mitsubishi Xpander': 25, 'Nissan Grand Livina': 26, 'Nissan X-Trail': 27, 'Suzuki Baleno': 28, 'Suzuki Carry': 29, 'Suzuki Ertiga': 30, 'Suzuki Ignis': 31, 'Suzuki XL7': 32, 'Toyota Agya': 33, 'Toyota Alphard': 34, 'Toyota Avanza': 35, 'Toyota Calya': 36, 'Toyota Camry': 37, 'Toyota Corolla Altis': 38, 'Toyota Fortuner': 39, 'Toyota Kijang Innova': 40, 'Toyota Limo': 41, 'Toyota Rush': 42, 'Toyota Sienta': 43, 'Toyota Vios': 44, 'Toyota Yaris': 45}

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Training

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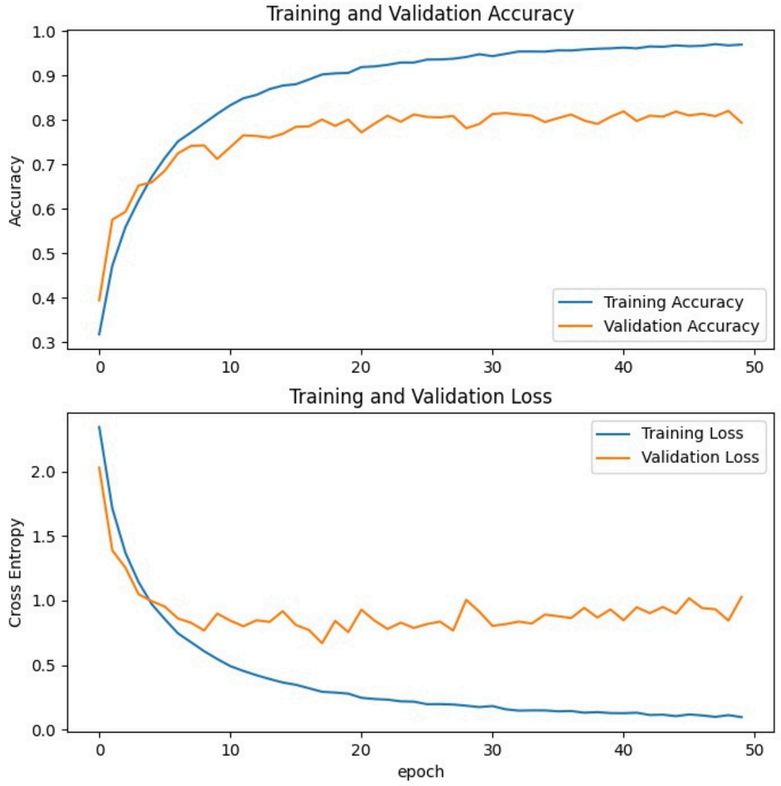

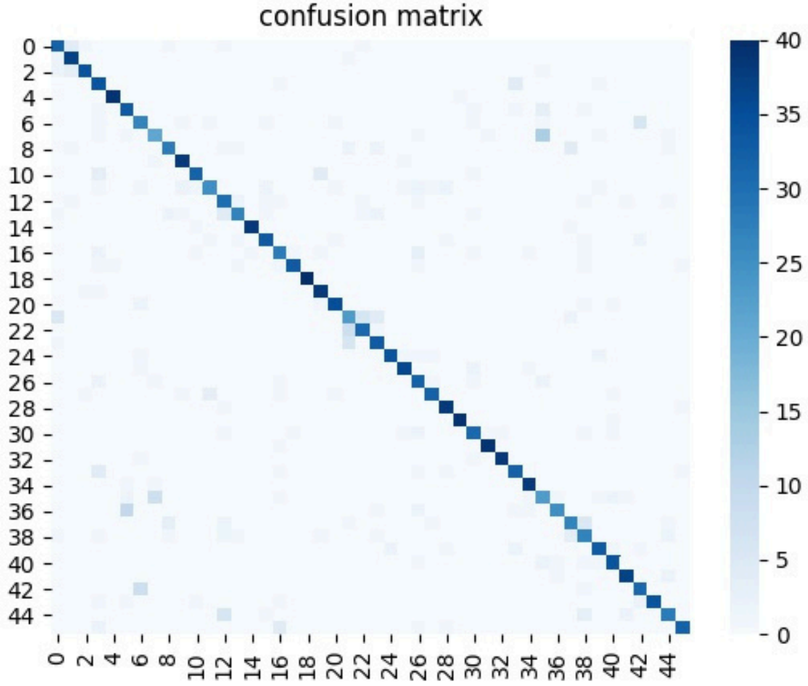


```
▯▯▯▯▯▯▯▯▯▯
1840/1840 [==============================] - 66s 28ms/step - loss: 0.9138 - accuracy: 0.8272
```

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Testing

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Detected: Honda HR-V
Probability: 0.32786295

Detected: Nissan X-Trail
Probability: 0.99998116

Detected: Daihatsu Xenia
Probability: 0.99030685

Detected: Daihatsu Sigra
Probability: 0.83651704

Detected: Toyota Kijang Innova
Probability: 0.27493227

Detected: Nissan Grand Livina
Probability: 0.49280235

Detected: Honda City
Probability: 0.99932086

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Crowd Analytics

AI-based People Counting and Recognition

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People Counting

Crowd Management

Solution Brief

Use Cases

Counting large number of people that strolling through your monitored area, this tool will make you able to harness the population potential by extracting accurate statistics.

- Lower customer congestion time
- Increase customer throughput
- Increase advertising reach

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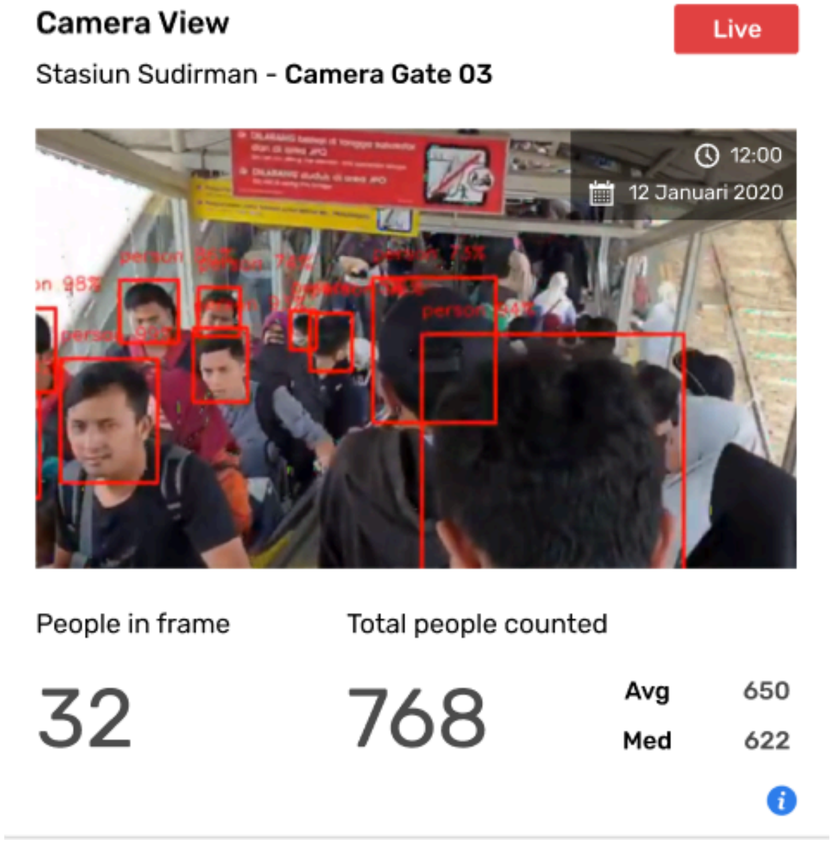
People Counting

RECOGNICE



- Shows how the **Artificial Intelligence detects human object** such as heads (showed as recognition boxes over layering camera video)
- **Live counting** on how many people are currently detected and its counting total, from that particular camera
- Compare it with other location's crowd condition – by **Average and Median**

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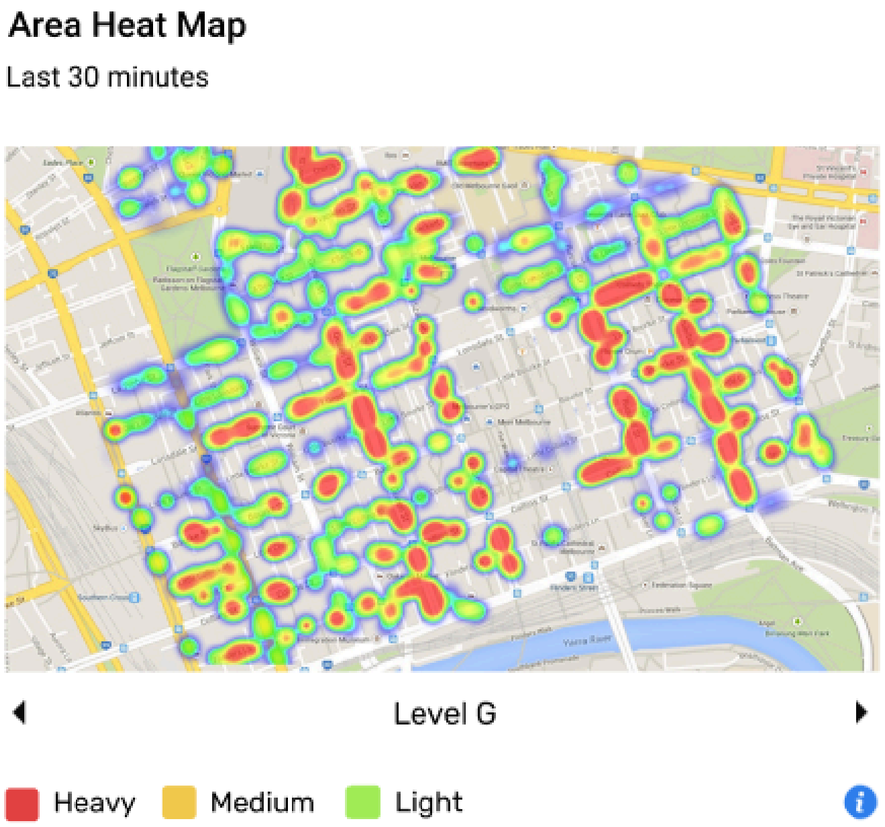
People Counting

RECOGNICE



- See how each camera location gets different **crowds situation of your whole area**, visualized by heatmap, so that you can **devise integrated crowd management** strategy

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Custom Dashboard

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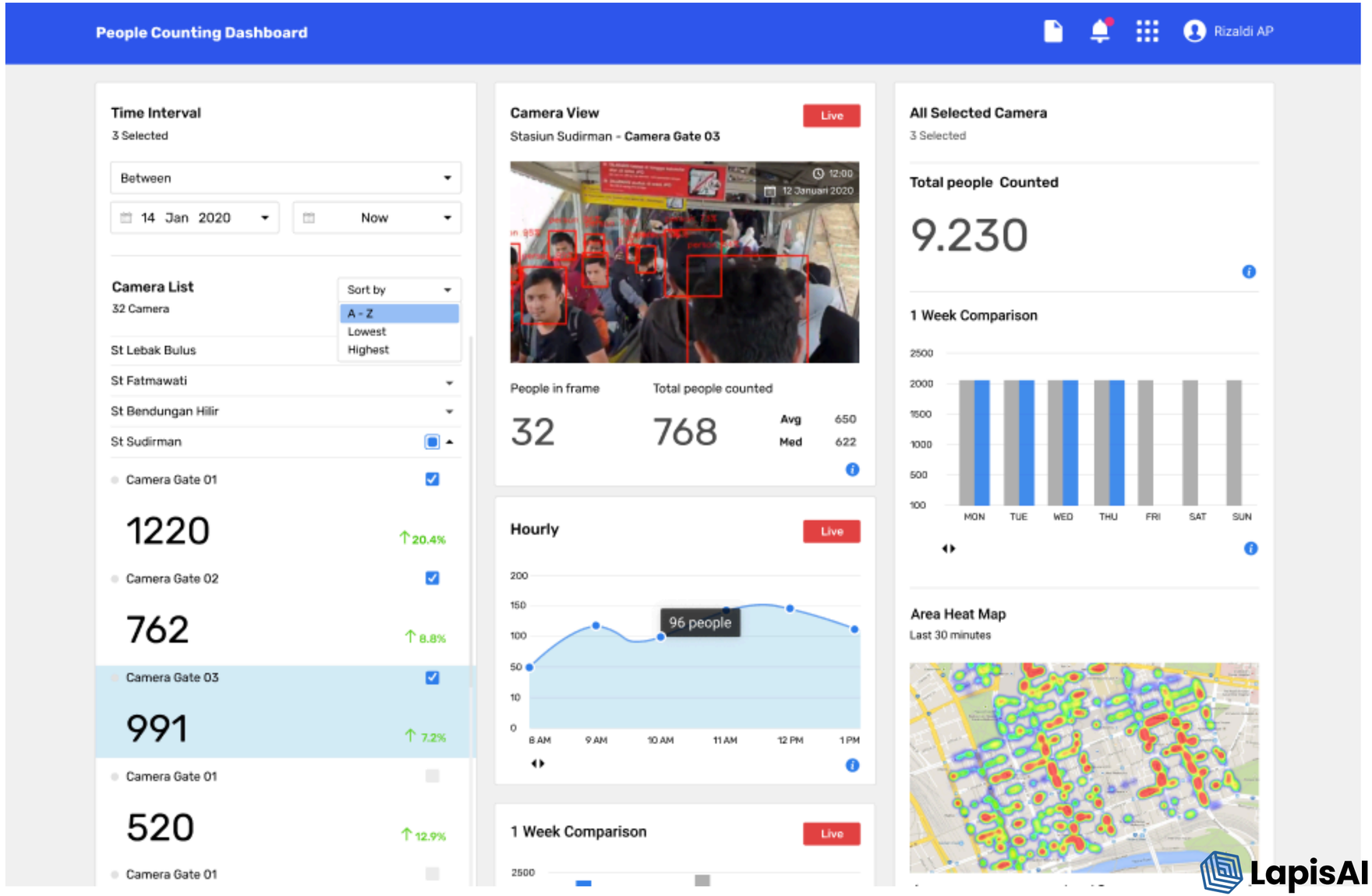

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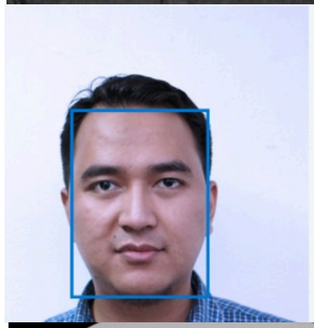
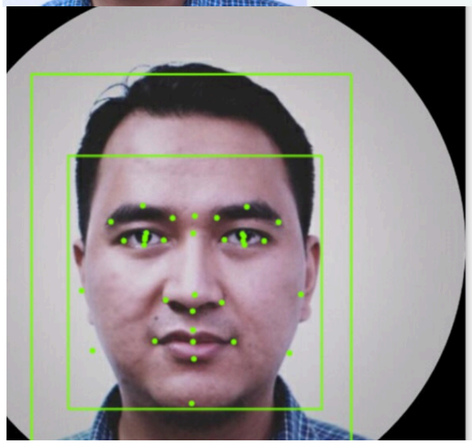
RECOGNICE

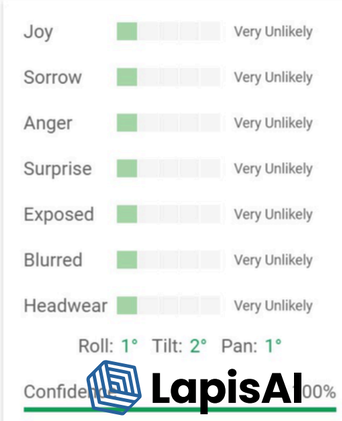
Face Detection

Face Recognition




```
Detection result:
detection_02
JSON:
 [
  {
    "faceId": "600154c7-f364-41ff-8053-8cea50fe45a3",
    "faceRectangle": {
      "top": 252,
      "left": 233,
      "width": 341,
      "height": 469
    },
    "faceAttributes": null,
    "faceLandmarks": null
  }
]
```



RECOGNICE

Face Detection

Face Recognition

Solution Brief

Use Cases

From attendance to surveillance, face detection and face recognition are basic functions for computer vision use cases.
Our cloud-ready solution utilizes FaceNet 128-dimension feature extraction and Dlib facial landmark detection. We are currently developing 512-dimension using tensorflow implementation

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Motion Detection

Gaze Recognition

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Deployment

- API (Image or Video)
- Batch
- Streaming (Live Feed)

API Ready

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RECOGNICE.AI
Powered by Xquisite AI

Groups

Groups is a resource to manage a `group` on the Recognice Face Database. A group can be described as a collection of multiple `person`s. Each face recognition / verification will be processed only on a certain group so that we won't have to compare on all universe data.

A `group` object has basic data structures as follows:

- `group_id` (String) - **Required**. Group ID of the group. Maximum length is 128 characters
- `name` (String) - **Required**. User defined name of the group. Maximum length is 128 characters
- `custom_id` (String) - User defined ID field for `person` object. Maximum length is 128 characters. Default to `nisn`
- `user_data` (Collection[Object]) - A collection of user defined properties of the group. It will be saved on serialized object. Size of serialized object should not exceed 16KB
- `person` (Collection[person]) - A collection of `person` defined by user
- `training` (training) - Latest training status of the group

You can have as many groups as possible. Currently, there are no limits (yet) on how many persons you can store on a group.

Register

Register a `group` on Face DB

method	POST
endpoint	https://vision.oxide.co.id/api/v1.1/groups

Headers

token	cRddd9fh26fNr9sQ7gxCg3zTPGhTESbMsNre6QnHstGt5vjMewa3AY3RSXdukVKb (String) - Generated token get from Recognice.AI

Body – Form Data

group_id	(String) - **Required**. Group ID of the `group` to be registered. Maximum length is

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Remote Asset Inspection

How

Our Asset Inspection Solution leverages cutting-edge machine learning techniques to analyze images of remote assets, such as oil and gas machinery, enabling accurate assessment of their condition. This innovative approach streamlines decision-making for maintenance needs, ensuring timely and cost-effective asset management

Benefits

1. Enhanced Accuracy and Reliability: Utilizing advanced machine learning algorithms for image analysis significantly increases the precision in detecting wear and tear, leading to more reliable maintenance decisions.
2. Cost-Efficiency: By accurately identifying maintenance needs, our solution helps avoid unnecessary repairs and downtime, reducing operational costs and extending asset lifespan.
3. Remote Monitoring Capabilities: Enables continuous monitoring of asset conditions from remote locations, ensuring timely intervention and minimizing the need for on-site inspections.

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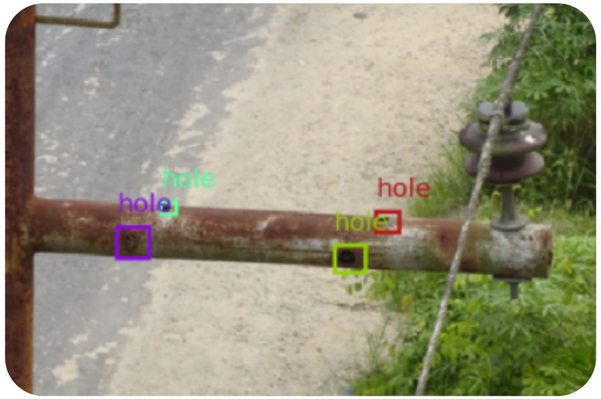
RECOGNICE

Remote Asset Inspection

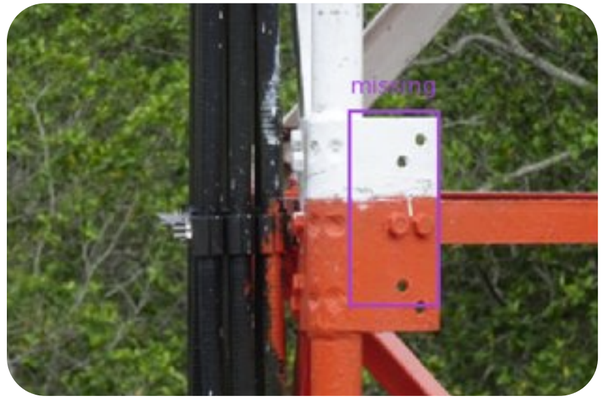
Hole Detection

Detect presence of unintended hole on your assets



Missing Objects

Detect missing objects like nuts and bolts from its housing



Corrosions Detection

Detect degree of corrosion level of your steel-based assets

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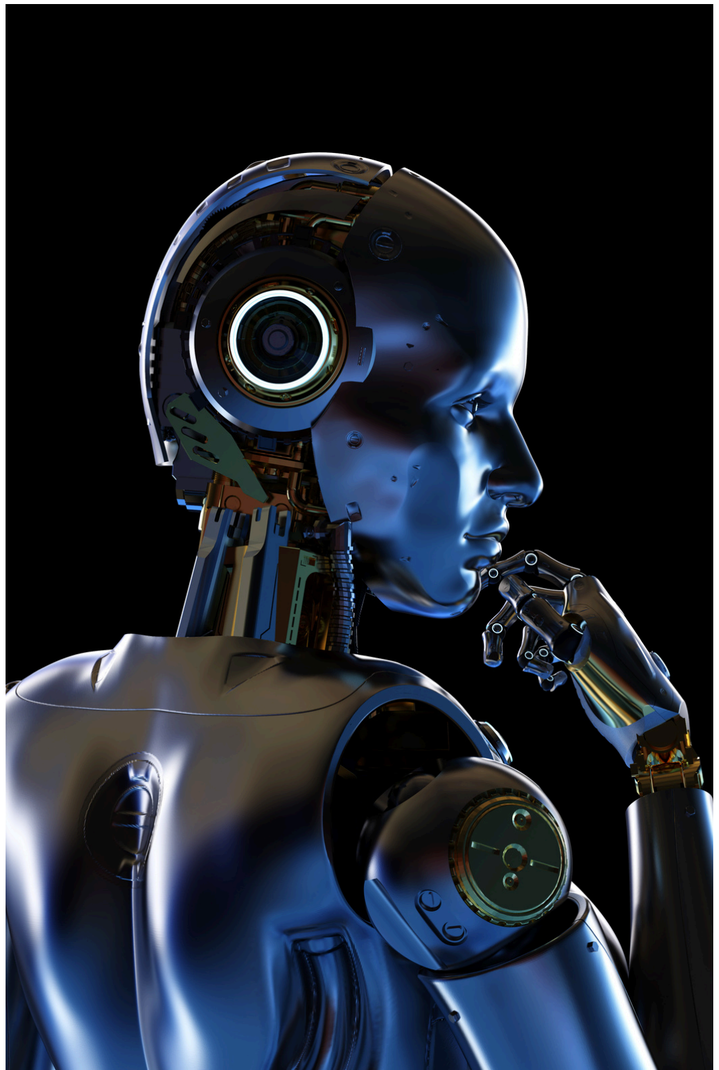


RECAP

Deep-Learning Document Extraction

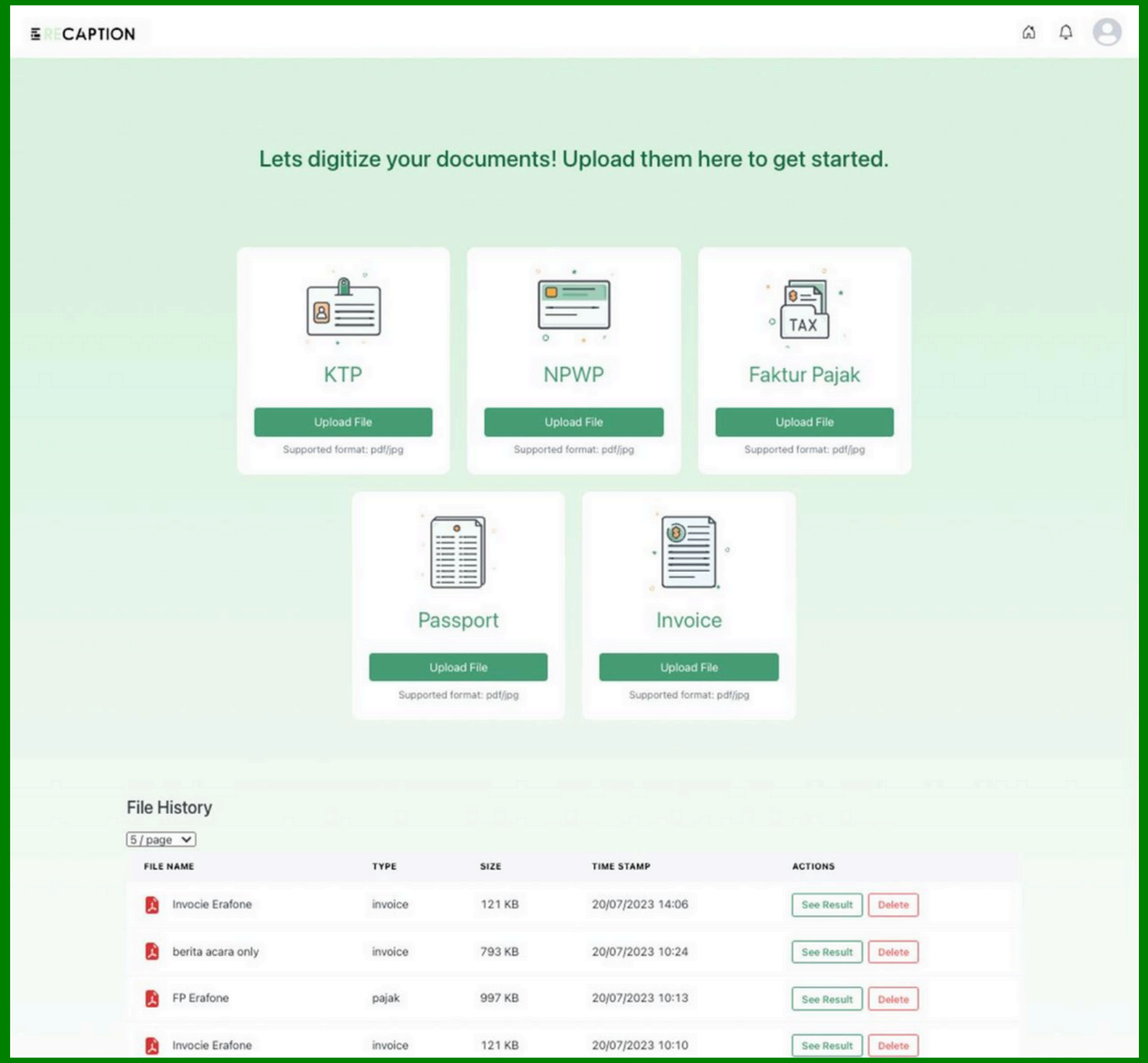
Extract and Analyze Digital Document

Simple recaption

Deep Learning-powered Document Extraction as a Service

Extract text, number, and other information from your PDFs and document with our pre-built model.

With deep learning algorithm, our pre-built models can easily extract your information, even the challenging ones like tables, where most OCR technologies struggle.



RECAP

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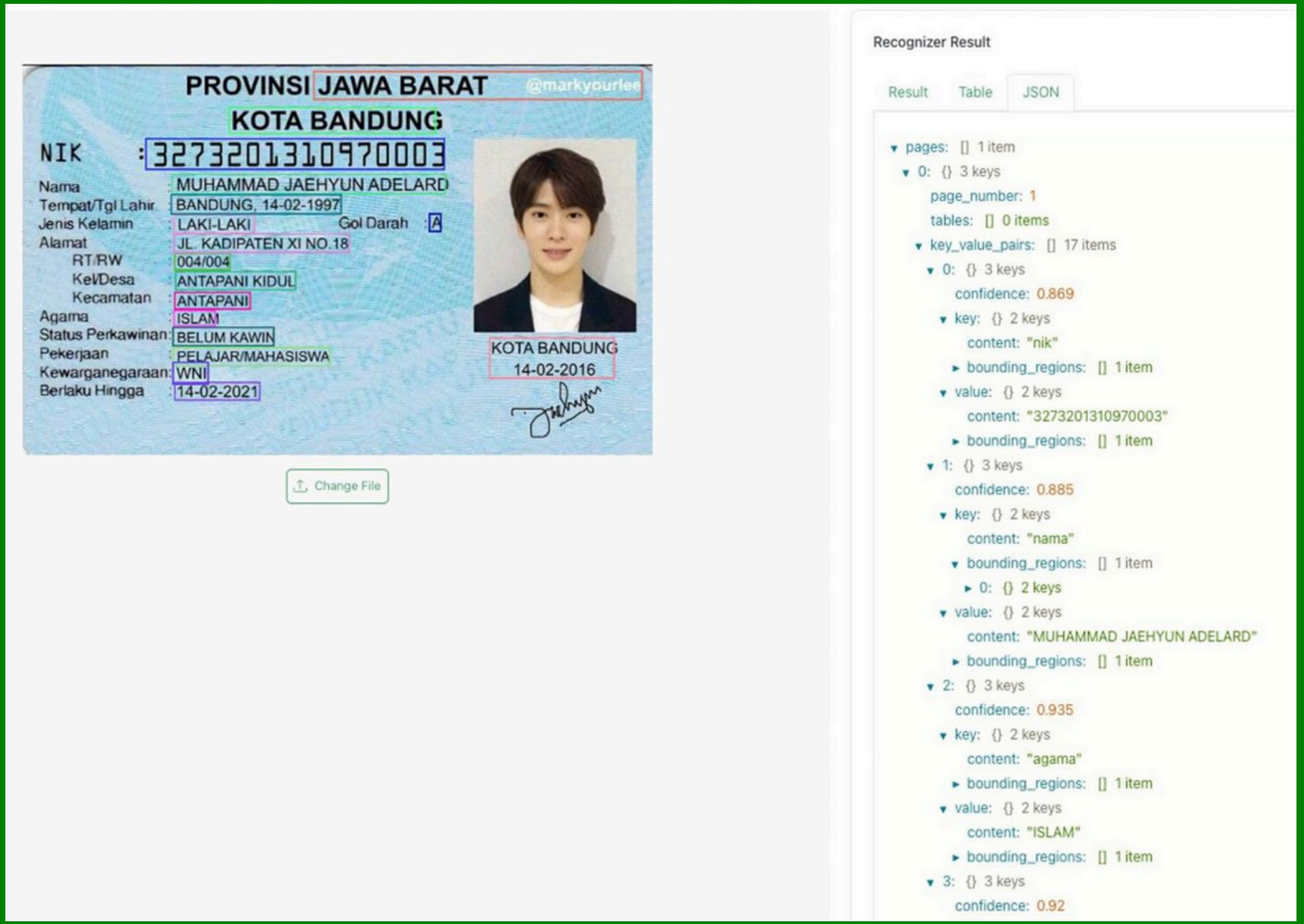

RECAP

Simple recaption

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Recognizer Result

Result | Table | JSON

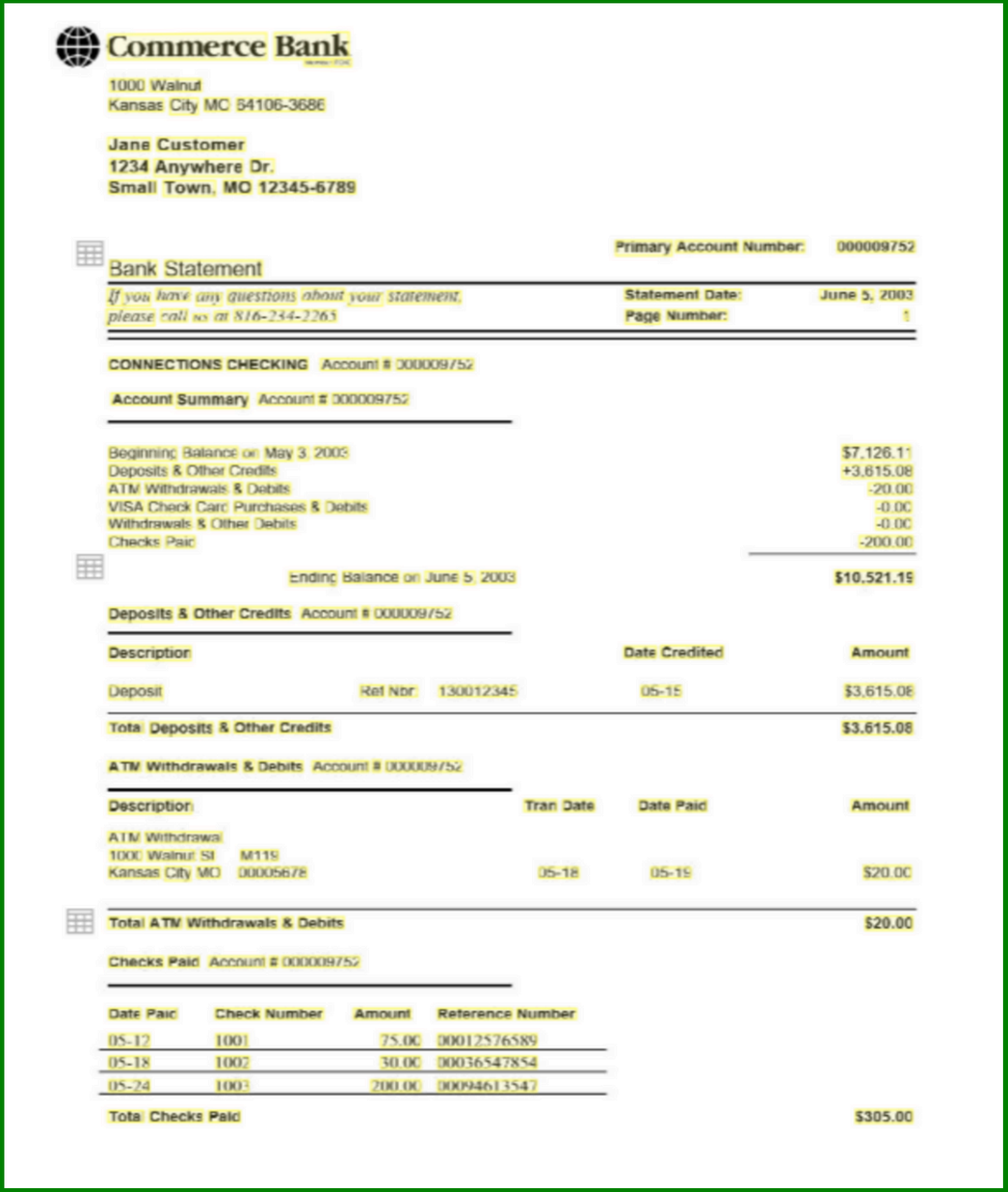
FIELD	CONTENT	CONFIDENCE
nik	3273201310970003	87%
nama	MUHAMMAD JAEHYUN ADELARD	89%
agama	ISLAM	94%
rt_rw	004/004	92%
alamat	JL. KADIPATEN XI NO.18	90%
kel_desa	ANTAPANI KIDUL	92%
provinsi	JAWA BARAT @markyourlee	87%
gol_darah	A	69%
kecamatan	ANTAPANI	94%
pekerjaan	PELAJAR/MAHASISWA	92%
jenis_kelamin	LAKI-LAKI	94%
berlaku_hingga	14-02-2021	94%
kota_kabupaten	KOTA BANDUNG	90%
kewarganegaraan	WNI	89%
status_perkawinan	BELUM KAWIN	92%
tanggal_pembuatan	KOTA BANDUNG 14-02-2016	87%
tempat_tanggal_lahir	BANDUNG, 14-02-1997	92%

RECAP

Tag & annotate

Deep Learning-powered Document Extraction as a Service

Our pre-built model has little context and can interpret the extraction document with misses. In that case, we provide manual tag and annotation feature where user can decide which part of the document they want to extract and also create a custom model out of it (for further use with similar document patterns).



Commerce Bank

1000 Walnut
Kansas City MO 64106-3686

Jane Customer
1234 Anywhere Dr.
Small Town, MO 12345-6789

Primary Account Number: 000009752

Bank Statement

If you have any questions about your statement, please call us at 816-234-2265

Statement Date: June 5, 2003
Page Number: 1

CONNECTIONS CHECKING Account # 000009752

Account Summary Account # 000009752

Beginning Balance on May 3, 2003	$7,126.11
Deposits & Other Credits	+3,615.08
ATM Withdrawals & Debits	-20.00
VISA Check Card Purchases & Debits	-0.00
Withdrawals & Other Debits	-0.00
Checks Paid	-200.00
Ending Balance on June 5, 2003	$10,521.19

Deposits & Other Credits Account # 000009752

Description			Date Credited	Amount
Deposit	Ref Nbr	130012345	05-15	$3,615.08
Total Deposits & Other Credits				$3,615.08

ATM Withdrawals & Debits Account # 000009752

Description		Tran Date	Date Paid	Amount
ATM Withdrawal 1000 Walnut St M119 Kansas City MO	00005678	05-18	05-19	$20.00
Total ATM Withdrawals & Debits				$20.00

Checks Paid Account # 000009752

Date Paid	Check Number	Amount	Reference Number
05-12	1001	75.00	00012576589
05-18	1002	30.00	00036547854
05-24	1003	200.00	00094613547
Total Checks Paid			$305.00

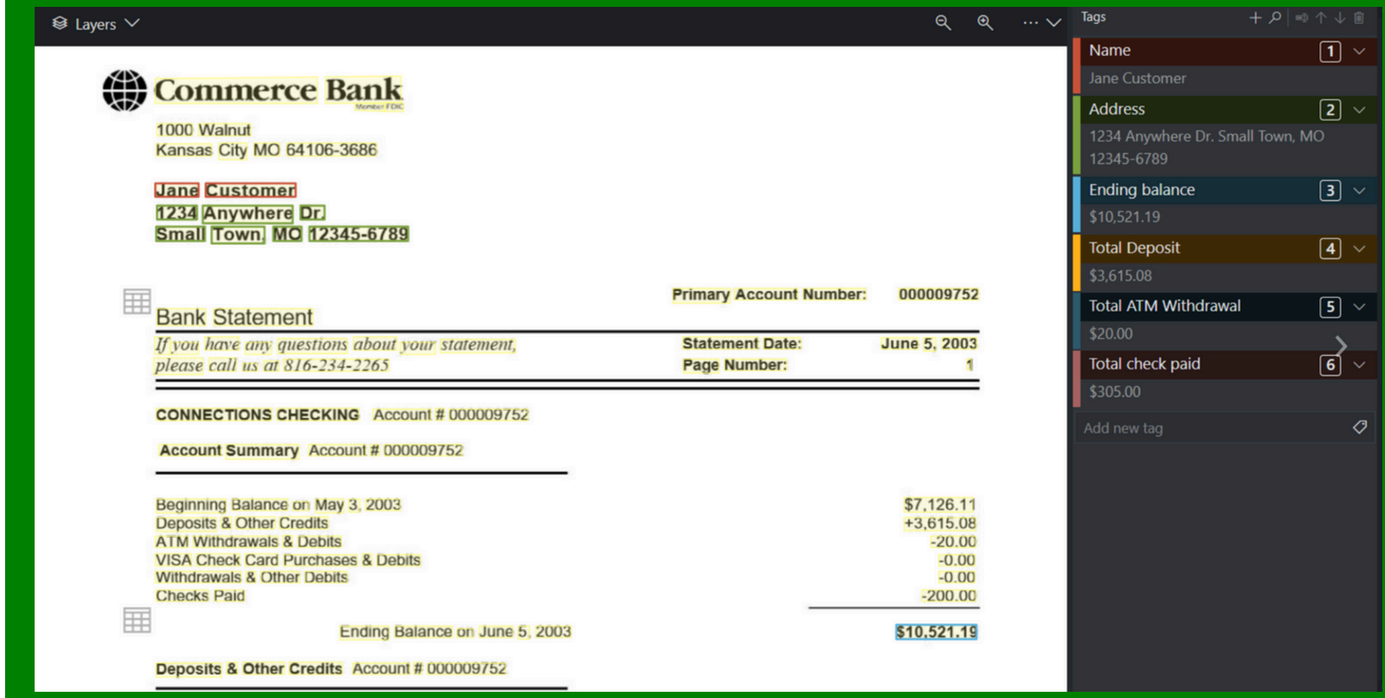
Tag which information to be extracted

RECAP

Tag & annotate

Deep Learning-powered Document Extraction as a Service

Our pre-built model has little context and can interpret the extraction document with misses. In that case, we provide manual tag and annotation feature where user can decide which part of the document they want to extract and also create a custom model out of it (for further use with similar document patterns).



Annotate tagged information to be extracted

RECAP

Flexible output

Deep Learning-powered Document Extraction as a Service

The extraction result can be saved as text (or word processing files). As for tables, user can directly store it in key-value pair JSON format or put it in dataframes or tables for further data processing.


```
{
    "status": "succeeded",
    "createdDateTime": "2021-03-24T11:34:21Z",
    "lastUpdatedDateTime": "2021-03-24T11:34:26Z",
    "analyzeResult": {
        "version": "2.1.0",
        "readResults": [
            {
                "page": 1,
                "angle": 0,
                "width": 8.5,
                "height": 11,
                "unit": "inch",
                "lines": [
                    {
                        "boundingBox": [
                            1.0697,
                            0.3485,
                            3.061,
                            0.339,
                            3.061,
                            0.5395,
                            1.0697,
                            0.549
                        ],
                        "text": "Commerce Bank",
                        "appearance": {
                            "style": {
                                "name": "other",
                                "confidence": 0.998
```


JSON Format

RECAP

Flexible output

Deep Learning-powered Document Extraction as a Service

The extraction result can be saved as text (or word processing files). As for tables, user can directly store it in key-value pair JSON format or put it in dataframes or tables for further data processing.

	0	1	2	3
0	Date Paid	Check Number	Amount	Reference Number
1	05-12	1001	75.00	00012576589
2	05-18	1002	30.00	00036547854
3	05-24	1003	200.00	00094613547

	Primary Account Number:	000009752
Bank Statement		
If you have any questions about your statement,	Statement Date:	June 5, 2003
please call us at 816-234-2265	Page Number:	1

Table Format

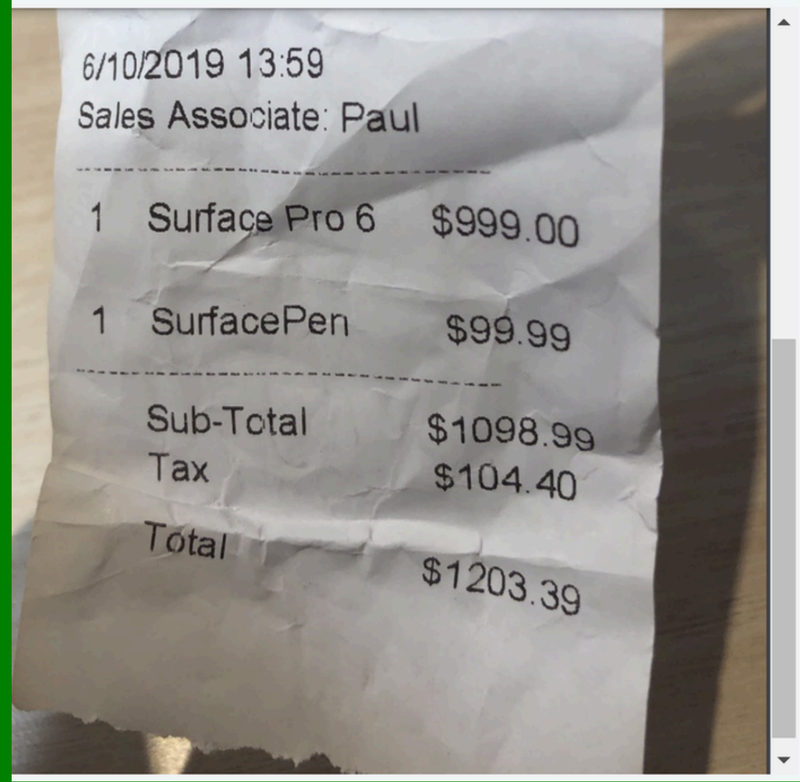
RECAP

Receipt extract

Deep Learning-powered Document Extraction as a Service

Information capturing from payment receipt can be a hassle manual process. With Recaption pre-built model you can extract the necessary information from just the snap of a photo.

Recaption can also built custom model for specific receipt for better accuracy and result.



Preview JSON

Date: 2019-06-10

Time: 13:59:00

Subtotal: 1098.99

Tax: 104.4

Total: 1203.39

Line items:

Item Quantity: 1

Item Name: Surface Pro 6

Total Price: 999.00

Item Quantity: 1

Item Name: Surface Pen

Total Price: 99.99

RECAP

Xquisite AI

CONTACT US

hi@xquisite.ai