



# Accelerating Artificial Intelligence for your Enterprise.

**AiLens**

**Knowledge Lens**  
Accelerating Actionable Insights

**A**rtificial Intelligence is redefining and disrupting businesses to create new service models and products. While many technologies have had substantial impact on industrial and digital revolutions, few have fundamentally had the greatest impact to businesses and human lives.

The access to more computational power and sophisticated algorithms has accelerated analysis and utilization of "big" data to transform organizations. The underlying technology is complex, but what Artificial Intelligence can do to solve real-world problems is immense. Systems can become intelligent through sophisticated AI modeling and learning from vast amounts of previously untapped historical data.

## The Benefits

- Improve productivity, optimize available capacity, and minimize disruptions in real-time to achieve costs benefits.
- Drive innovation, create new avenues for new business and achieve greater ROI.
- Improve collaboration and networking among teams to potentially scale and decentralize.
- Respond and deliver customized solutions to individual customer requests.

## How does AiLens accelerate AI for your Enterprise ?

The platform offers a experiment designer, modelling and feature engineering workbench, recommendation engine, huge AI assets repository and eases bundling of DevOps to accelerate your AI transformation to a Smart Enterprise.



## Solution Overview

AiLens is an Enterprise AI Platform used to manage datasets, identify features using advanced Machine Learning and Deep learning algorithms, formulate and apply the models, and generate intuitive insights to arrive at actionable decisions. It has :

### Pre-built Components

200+ sophisticated reusable assets including Machine Learning and Deep Learning algorithms, Data engineering components and connectors.

### Capabilities for seamless Collaboration

Shared catalog of AI models, datasets, documentation and results, and capabilities for users to provide feedback on AI models and contribute to better and newer versions of AI models.

### Stack agnostic AI runtime support

Model processes and trigger model execution on any runtimes such as TensorFlow, SparkML, H2O, AWS, Azure etc. Platform users would be agnostic to nuances in cloud platforms and AI/ML tools.



### Unified AI modeling

A unified graphical interface for building data engineering, and AI/ML pipelines. Intuitive job submission and monitoring framework, without intervention from admins and a code authoring environment for advanced users.



### High scalability and security

Built on a distributed processing framework, the platform is highly scalable and performant. Enterprises benefit by its robust encryption and its built-in integrations with enterprise security systems including Kerberos, LDAP, AD, AWS/Azure IAM.

Industry Specific use-cases are ready to be modelled leveraging the huge AI/ML Asset repository and reusable components.

#### Banking & Insurance

- Personalized product and offers marketing campaigns
- Fraud Analysis and Investigation
- Text Analytics for Regulatory Compliance
- Tailored Customer Insights for Insurance product recommendations

#### Healthcare & Life Sciences

- Evidence based Diagnosis & Treatment
- Detecting eligibility fraud in Claims Management
- Personalized Health Services

#### Government

- Crime Prediction and prevention
- Environmental Monitoring and Sustainability analytics
- Industrial health safety and Emergency Response

#### Retail

- Price Promotion and Markdown optimization
- Up-sell and Cross-sell recommendations engine
- Dynamic pricing across multiple channels

#### Pharmaceuticals

- Batch Yield Prediction during drug manufacturing
- Signal analysis for predicting potential adverse events
- Rebate optimization for third party administrators

#### Manufacturing, Energy

- Optimize energy consumption in manufacturing plants
- Balance supply and demand for energy grids
- Predict system faults and reduce disruptions from sensor data.

### AI Stack Supported



### What are the next steps?

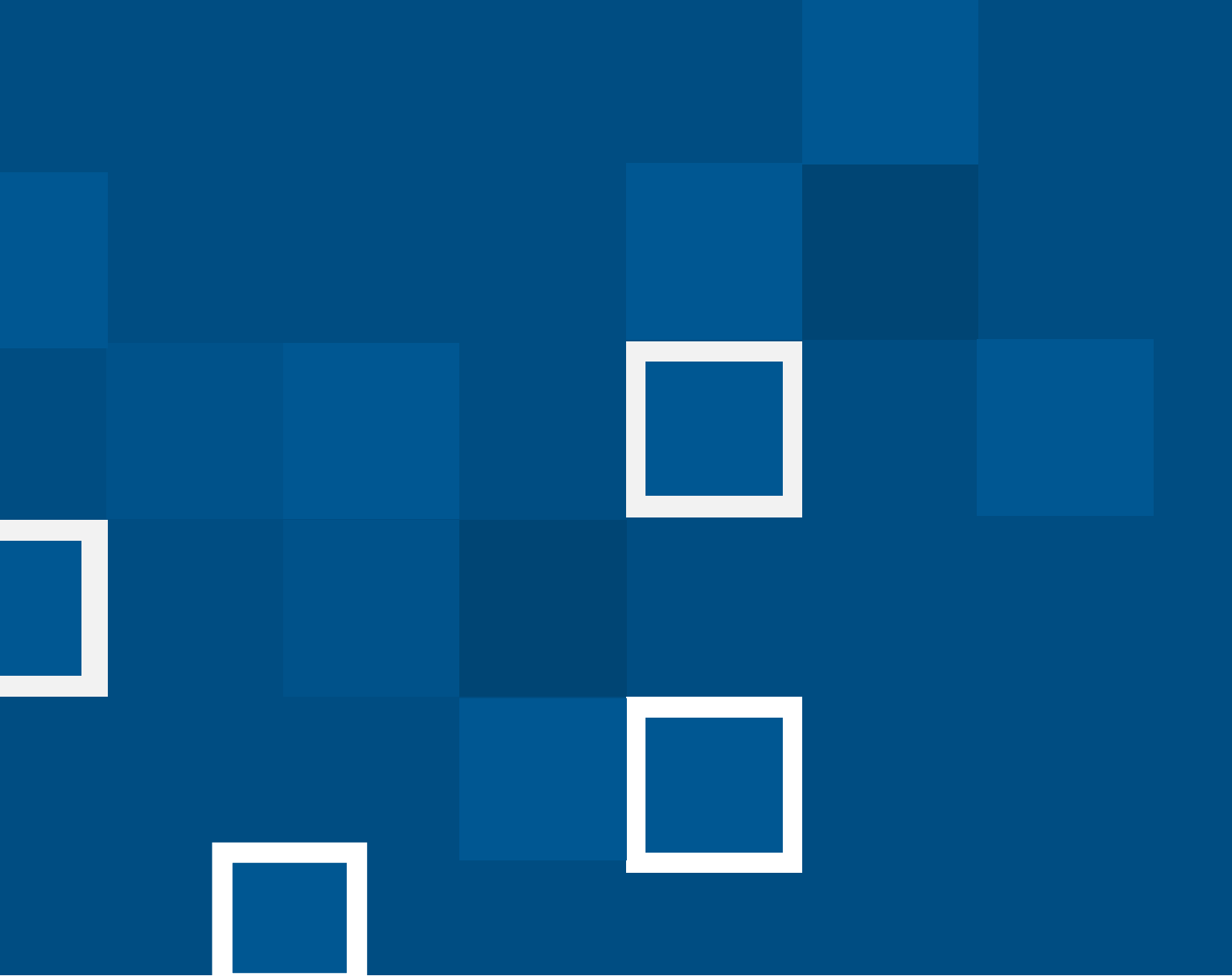
Knowledge Lens invites you to experience our platform and model your use-cases through a Proof of Concept in just 3 weeks. We can further collaborate to jointly build AI services to transform your enterprise.

### Request for a POC

#### Sample use cases delivered on AiLens

- Customer Churn Prediction / Customer sentiment scoring
- Real Time Fraud detection and prediction for card transactions.
- Real-time video analytics and recommendations
- Time Series Pattern identification and classification
- Real-time fault prediction for Industry 4.0 solutions

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## About Knowledge Lens

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Knowledge Lens is a US-based product technology company that builds domain-specific Data Lenses that enable the discovery of actionable insights from Enterprise Data Assets. Our team of tech experts work on cutting edge technologies such as Big data, AI, IoT, Blockchain and Cloud to add differentiated value to our customers. Our mission is to turn enterprises' dark data into meaningful business insights.

We have successfully transformed Fortune 500 companies into Smart Enterprises by implementing Next Generation Enterprise Data Lakes (Serverless Architecture), AI powered Intelligent Apps and Industry 4.0 Solutions- both on premise and on the cloud.

## Our Product Gallery

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Accelerating AI for Enterprise



Revolutionizing IoT & AI for Industry 4.0



High Speed Big Data Backup & Disaster Recovery Suite for Enterprise



Real-time Environment Data Acquisition Monitoring & Analytics Suite

## Contact Us

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