



Anomaly Detection solution

using Azure AI and Cognitive Services

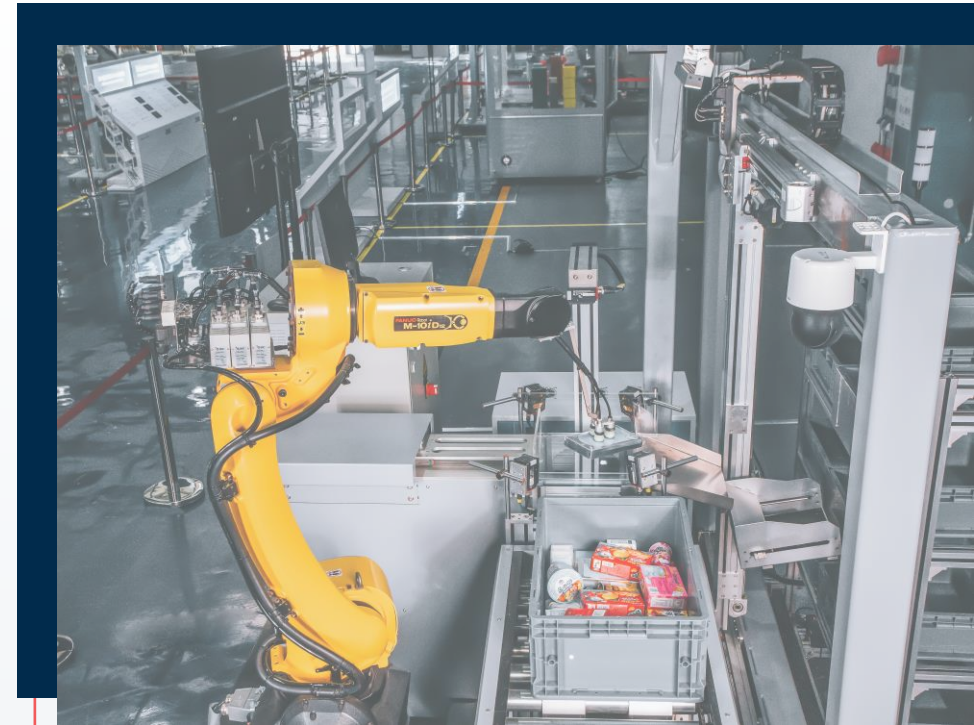


Data & AI
Azure

<http://affine.ai/>

Anomaly Detection solution using Azure

Affine's Anomaly Detection solution is a game-changer for businesses that rely on machines, equipment, or production lines and detecting anomalies in a timely manner is very critical. The solution utilizes Azure Cognitive Services to monitor time series data and detect abnormalities in real time.



CHALLENGES

Failure to detect anomalies in a timely manner can lead to costly machine downtime, maintenance, and manual interventions. Also, reactive measures taken after an anomaly has already caused damage are inefficient and expensive.

IDEAL SOLUTION

Affine's Anomaly Detection solution is designed to monitor time series data and detect abnormalities in real-time, allowing customers to identify anomalies in their business or production processes as early as possible.

DESIRED OUTCOMES

The solution can detect anomalies in real-time, allowing businesses to take proactive measures to fix issues before they cause damage.



AFFINE

COMMAND THE NEW

Anomaly Detection solution using Azure Cognitive Services



Lower machine downtime,
maintenance costs, and
manual interventions



Improved Plant Efficiency
and Consistency



Enables proactive action
to fix anomalies

Anomaly Detection solution using Azure Cognitive Services

9-WEEK POC AGENDA

- Business & Data Understanding
- Azure Setup & Pipelines
- AI Model Development
- BI Layer Development
- Testing & Validation



Azure ML Service



Azure Anomaly Detector



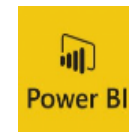
Azure Stream Analytics



Azure Blob Storage



Azure Monitor



Power BI



Azure Cosmos DB



Want to know more?



affine.ai



affine.cloud@affine.ai

<http://affine.ai/>

