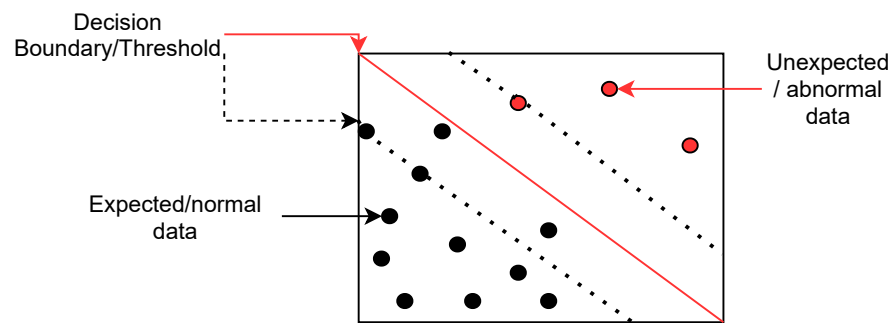


ML Technique to foresee problems

- Analyses data over time (time series data) & identifies unusual changes
- Application Programming Interface (API)
 - Univariate (single variable/metric)
 - Multivariate (groups of metrics)
- Auto identify and apply best-fit model regardless of industry, scenario or data volume
- Determines boundaries for anomaly detection, expected values and which data points are anomalies
- No prior ML knowledge required
- RESTful API integration with other services



Concepts

Features



**Azure
Anomaly
Detector**

Use cases

Anomaly detection in real-time

- Streaming data

Batch detect anomalies

- Detect any anomalies in data

Batch detect change points

- Detect trend change points in data

Additional information

- Details about anomalies (expected values, boundaries and positions)

Adjust anomaly detection boundaries

- Increase or decrease sensitivity to anomalies to better fit the data



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- Suspicious credit card transactions
- Track production line failures
- Proactive warning system for mechanical failures before they occur