Managing a Model's Lifecycle

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Overview

- Application Insights

- Evaluating and exporting data

- Root cause analysis

- Drift metrics

- Versioning and automation

Performance Analytics

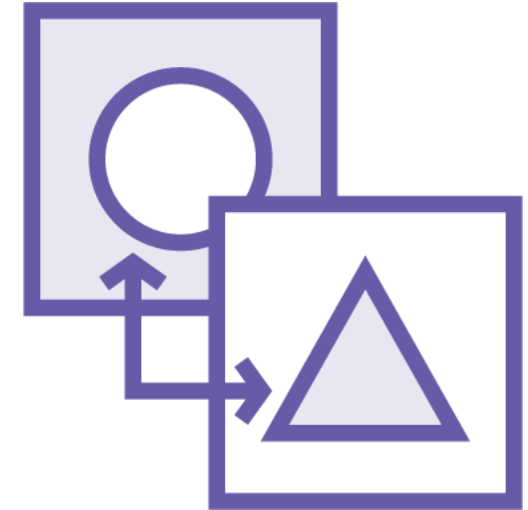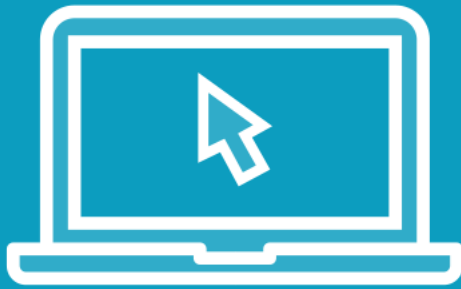# Performance Analytics

Application Insights

Evaluate data

Export data

Demo

Application Insights setup

Continuous data export

Long Term Model Planning

Long Term Model Planning
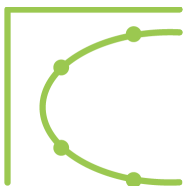
Root cause analysis

Scaling model lifecycle

Root Cause Analysis

Drift detection run
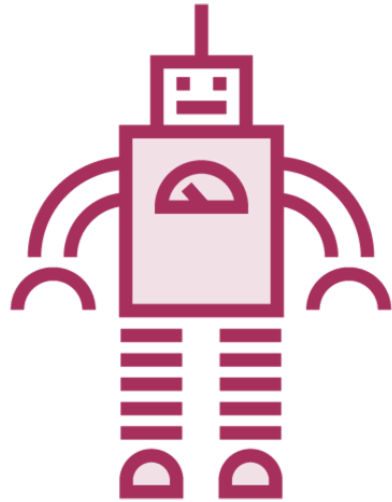
Analyze metrics

Adjust and retrain

Drift Metrics

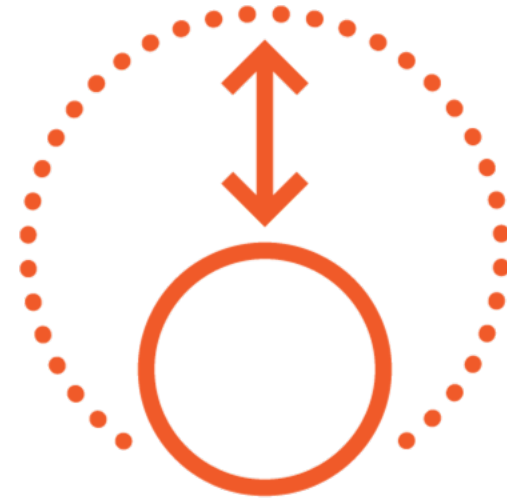|	
wasserstein_distance	**energy_distance**
datadrift_coefficient	**datadrift_contribution**

Scaling Model Lifecycle

Automation

Remote targets

Code Versioning

Azure Machine Learning pipelines

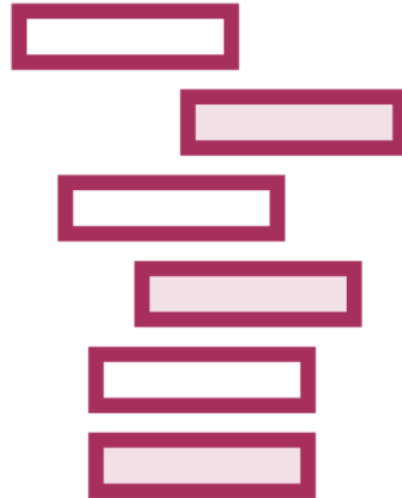Azure Machine Learning pipelines allow you to create workflows in your machine learning projects.

Data preparation

Training configuration

Training & validating

Deployment

Automation

Version Control   **CI/CD**   **Pipeline**

Review

- Azure Machine Learning

- Model deployment

- Model version control

- Azure DevOps

- Performance monitoring