Consume Machine Learning Models in Azure Machine Learning Designer

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CLOUD SOLUTION ARCHITECT

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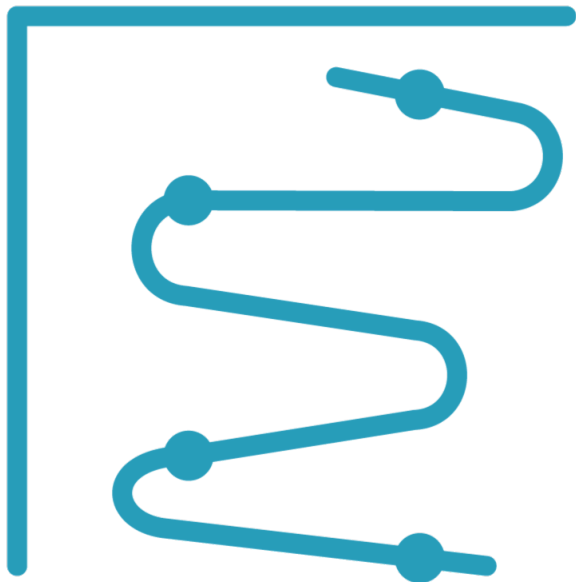# Overview

Publish Azure ML Models

Deploy a Predictive Service

Create a Real Time Pipeline

Create a Batch Pipeline

Release your ML Pipeline

You can Deploy or Publish the Model

Pipeline must have been submitted

Deploy a Real-time Inference Pipeline
- Requires Azure Kubernetes Cluster – For Deployment/Production
- Azure Container Instance – for Testing

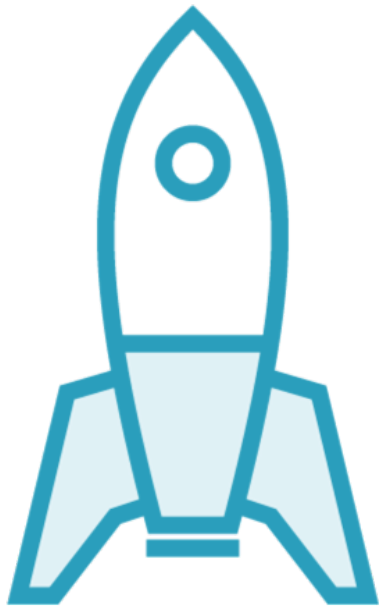**Publish a Batch Inference Pipeline**
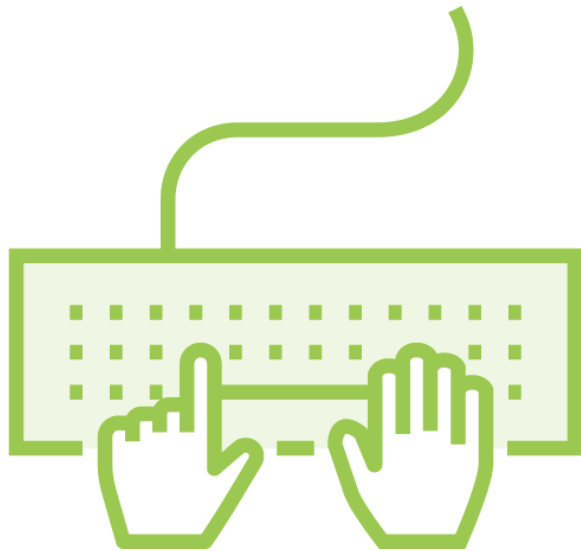- Requires Compute Cluster

Deploy and Publish in Azure ML Designer

Deploy a Real-time Inference Pipeline

Ability to connect from External App to Scored Model

Predict Results

REST API Key used to call through endpoint

Publish Batch Inference Pipeline

Runs from External Application with REST calls

Cannot send or receive data in real-time with endpoint

Flexible Pipelines

- Publish multiple pipeline to a single pipeline endpoint

- Specify which pipeline version to run

Demo

Deploy & Publish an Inference Pipeline

Summary

Understood Azure ML Pipelines

Explored Azure ML Studio focusing on Azure ML Designer

Created Compute Resource in Azure ML Studio

Summary

Reviewed Ingestion process in Azure Machine Learning Designer

Understood Modules and how / when to use them in Azure ML Designer

Implemented ML Algorithm in Azure ML Designer

Published & Deployed Azure ML Models as Predictive Service