Feast on Azure

This project provides resources to enable a [Feast](#) feature store on Azure. There are two options for operating Feast on Azure:

Feast Azure Provider is a simple, light-weight architecture that acts as a plugin to allow feast users to connect to Azure hosted offline, online and registry stores.

Feast on Azure Kubernetes Service (AKS) is a comprehensive solution, such as a Kubernetes based registry deployment, as well as a Spark based ingestion mechanism.

Feast Azure Provider

The [Feast Azure provider](#) acts like a plugin that allows Feast users to connect to:

Azure SQL DB and/or Synapse SQL as the *offline store*

Azure cache for Redis as the *online store*

Azure blob storage for the feast *registry store*

📐 Architecture

The *interoperable* design of feast means that many Azure services can be used to *produce* and/or *consume* features (for example: Azure ML, Synapse, Azure Databricks, Azure functions, etc).