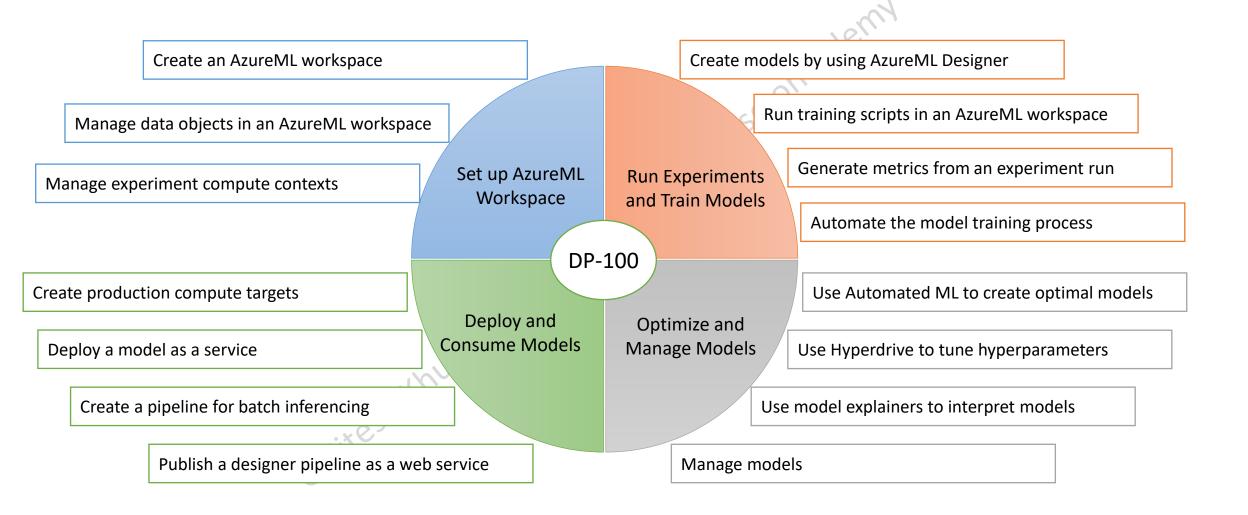
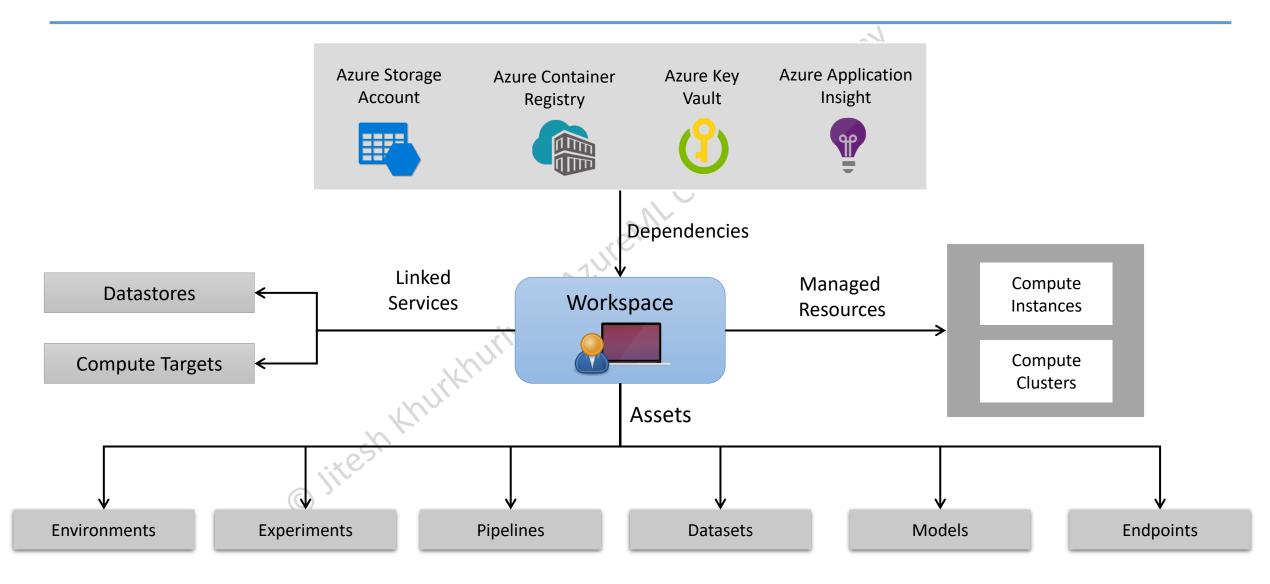
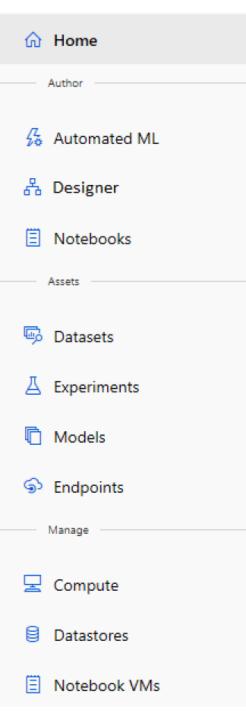


Azure Machine Learning

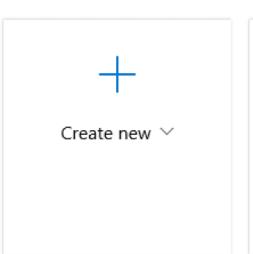


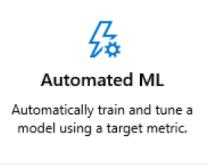
Azure Machine Learning Architecture and Concepts





Welcome!





Start now





Designer

Drag-n-drop interface from prepping data to deploying models.

Start now



Notebooks

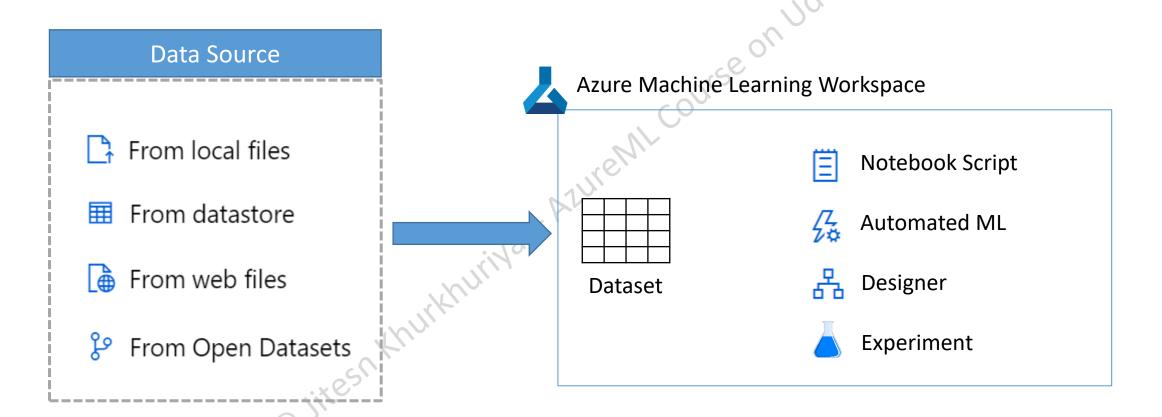
Code with Python SDK and run sample experiments.

Start now

My recent resources

Runs Status Updated Time Run Number Experiment Status Sample_1_- Regression... 9/27/2019, 1:38:37 PM Completed 1474 category-based-prope... 9/18/2019, 4:37:10 PM Completed 1475 category-based-prope... 9/18/2019, 3:49:21 PM Completed

What is a Dataset (AzureML Concept)?



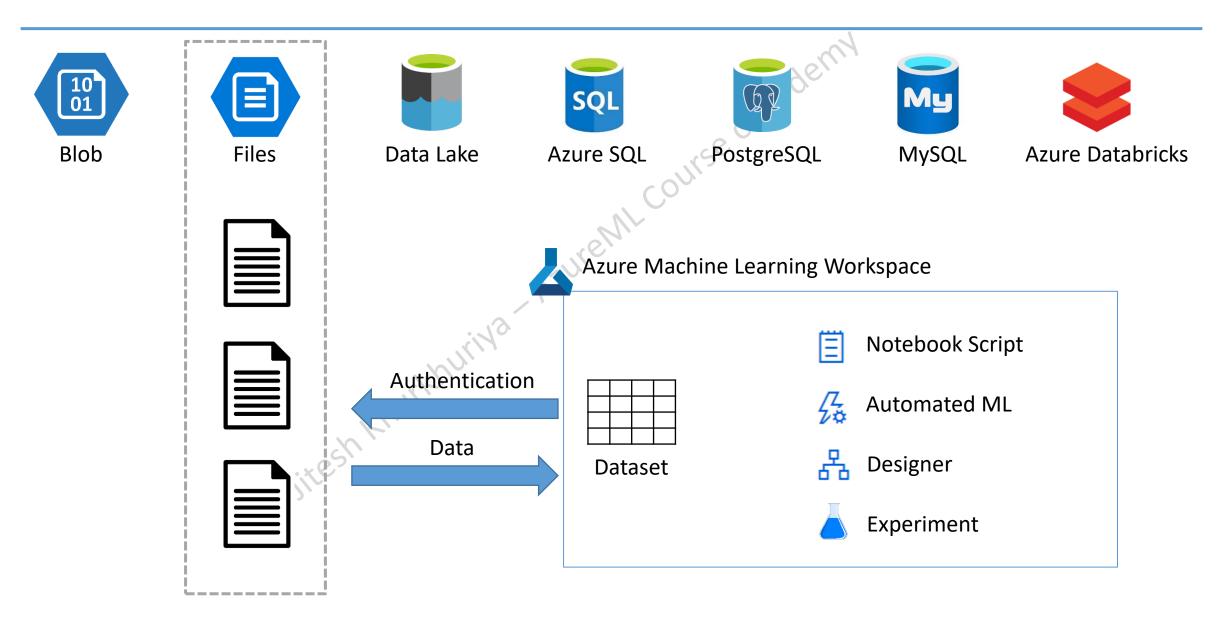
https://archive.ics.uci.edu/ml/machine-learning-databases/adult/adult.data

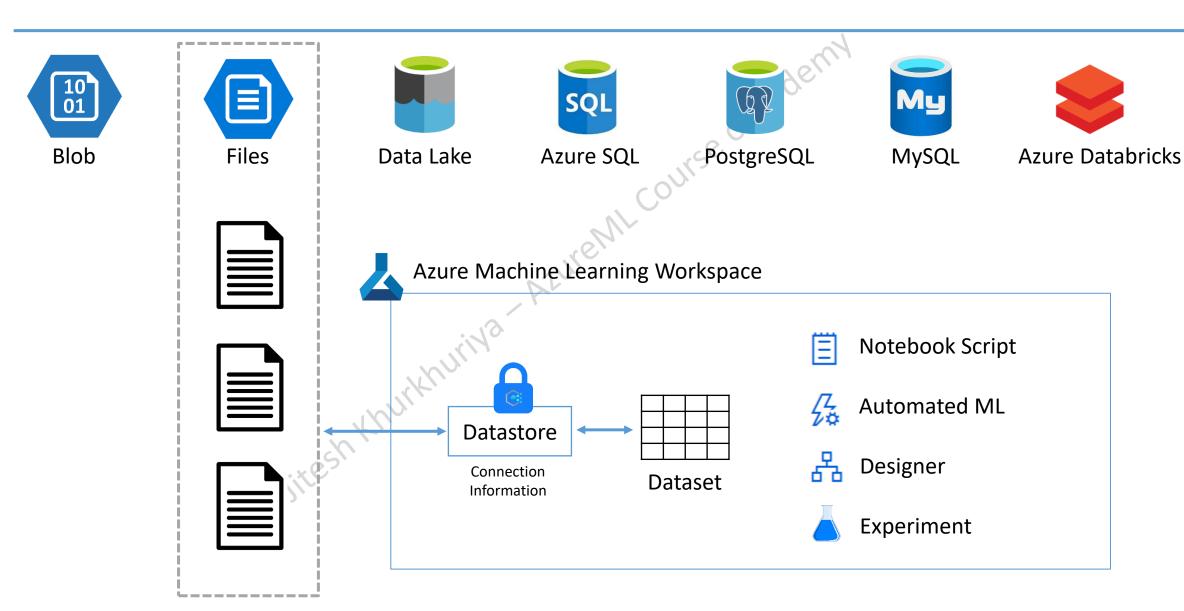






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Azure Machine Learning Workspace





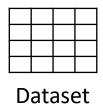














Notebook Script



Automated ML



Designer



Experiment

e on Agen.

Understanding Compute Resources in AzureML

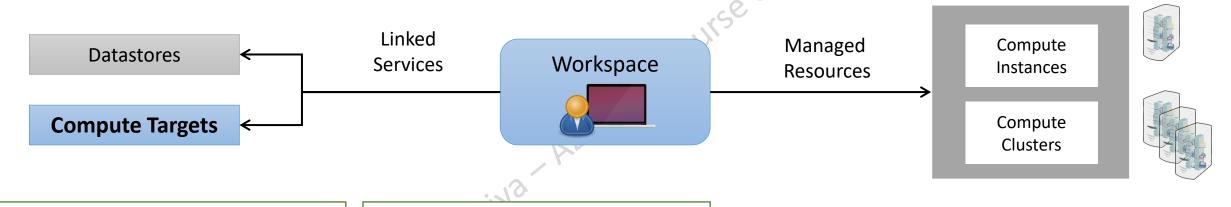
O litesh khull

Azure Storage Account



- Workstations for Data Scientists
- Integrated with AzureML Workspace
- R and PythonTools and environment
- Docker, AzureML SDK

- Development Environment
- Typically used with notebooks and data profiling/Summary
- For training and inferencing for development and testing



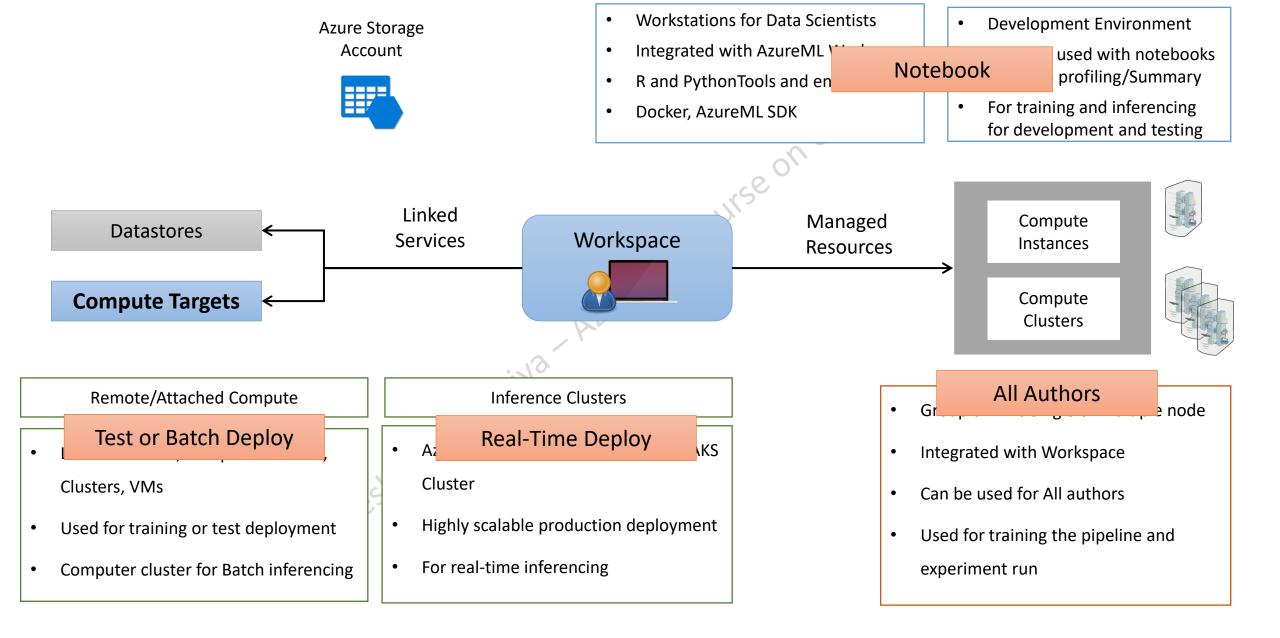
Remote/Attached Compute

- Local Machines, Compute Instance,
 Clusters, VMs
- Used for training or test deployment
- Computer cluster for Batch inferencing

Inference Clusters

- Azure Kubernet Service running on AKS
 Cluster
- Highly scalable production deployment
- For real-time inferencing

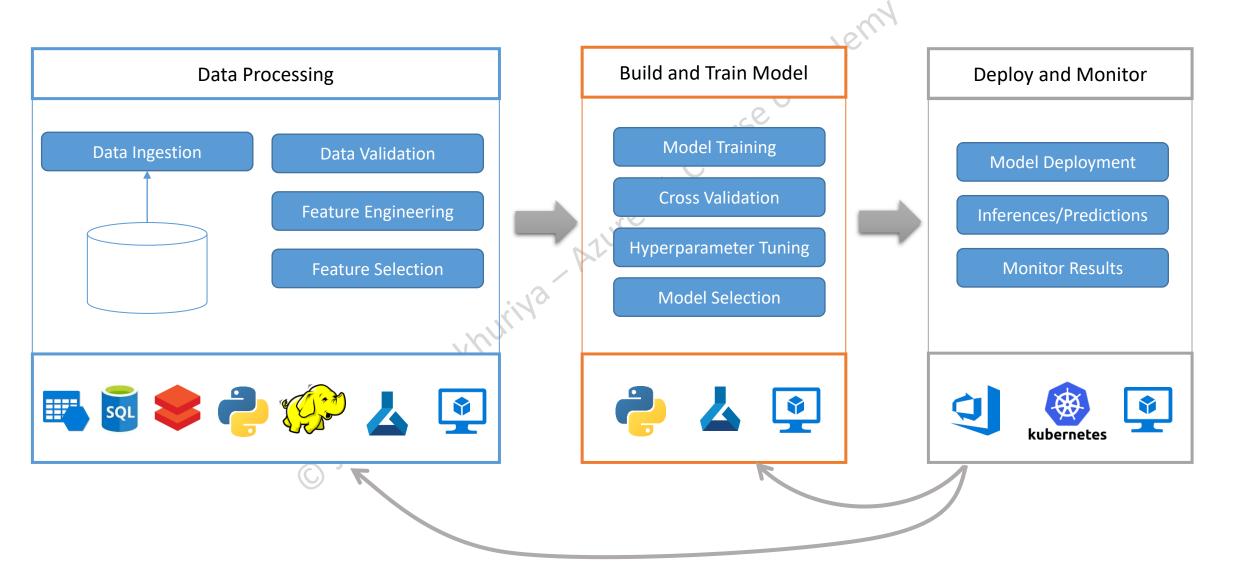
- Group of VMs Single or multiple node
- Integrated with Workspace
- Can be used for All authors
- Used for training the pipeline and experiment run

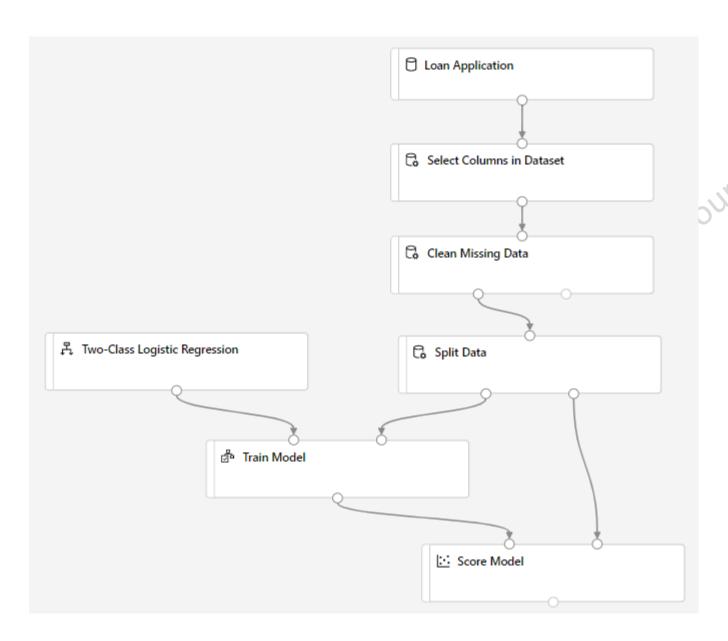


What is a Pipeline?

 Automated Workflow of the Machine Learning steps starting from Data Processing till deployment

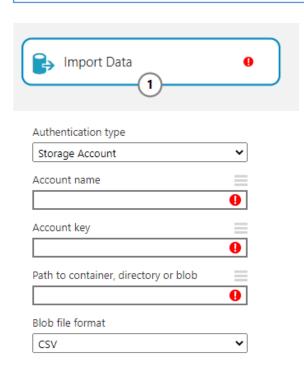
What is a Pipeline?

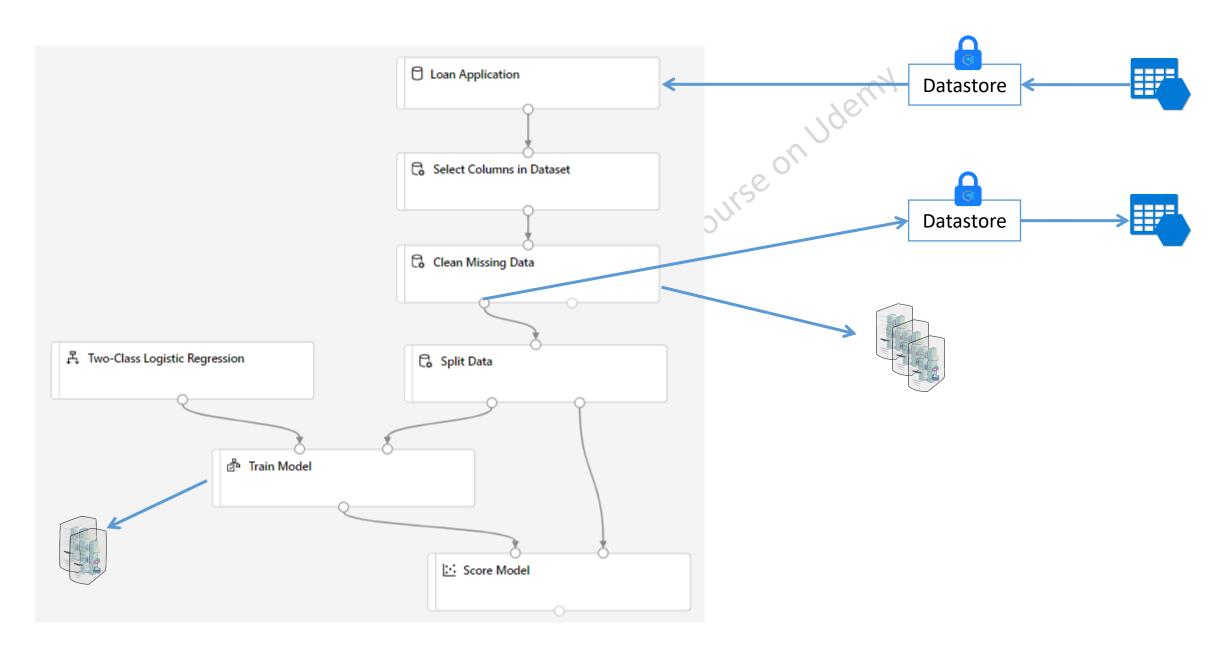




AzureML Studio Classic

- Limited options of data ingestion
- Separate connections for every dataset
- Same compute power for entire pipeline

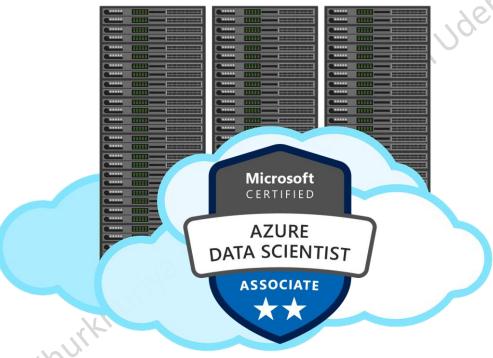




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Azure Machine Learning



Thank You..!!