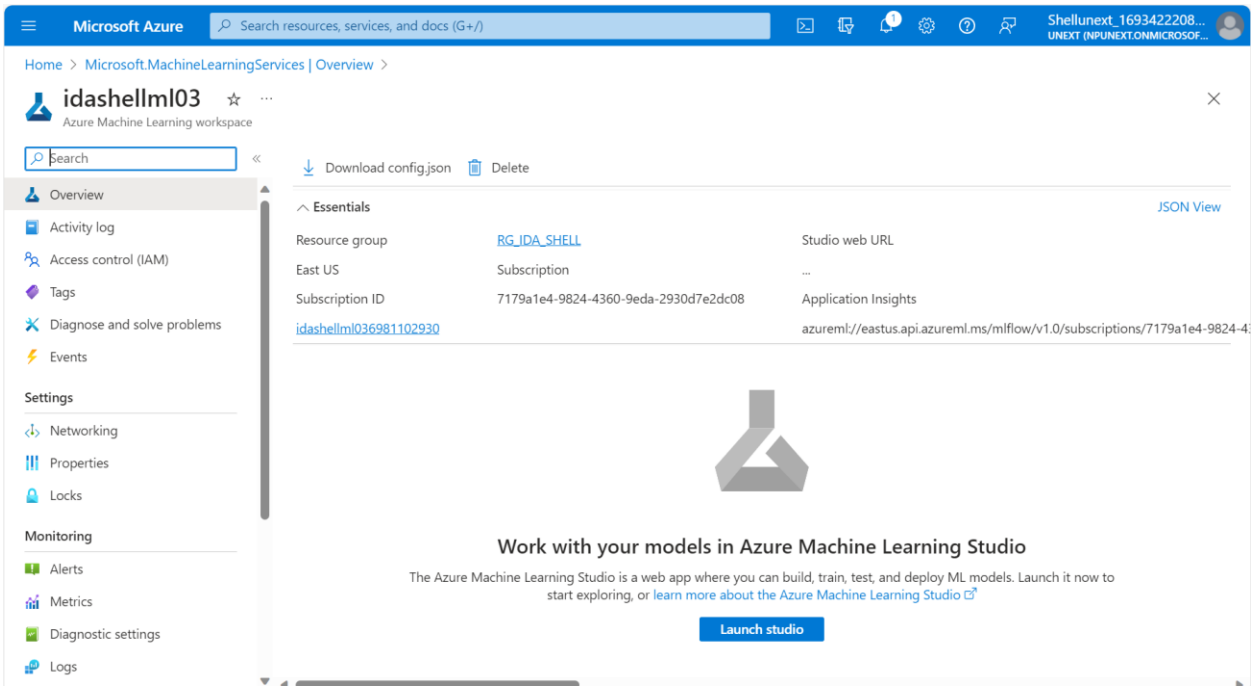
Custom Learnings

Day 23

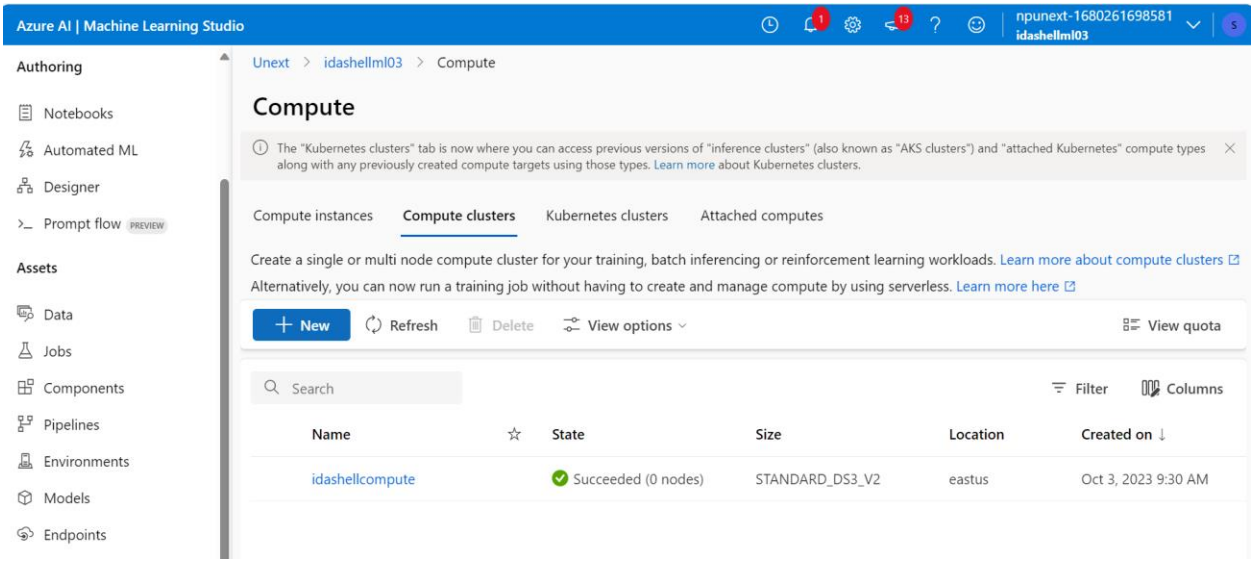
Azure Machine Learning

Machine Learning: We train our models based on some data given to the machine.

Creation of Azure Machine Learning Service:



Creation of Compute Cluster:



Types of ML Algorithms:

1. Supervised: Labelled data.
2. Unsupervised: Unlabeled data.
3. Semi-Supervised: Combination of above two. We take very less amount of labelled data and more amount of unlabeled data.
4. Reinforcement: Feedback based. Series of decision making based on action or feedback.

To choose an algorithm: We run our dataset on each algorithm and analyze the accuracy score. The highest accuracy scored algorithm is chosen.

Pipeline: We create pipeline to transform and run ML algorithms on the datasets.