**Week: 7**

**Day:1**

**Azure Machine Learning**

* Provides a platform for data scientists to train deploy and manage their machine learning models on the Microsoft Azure Platform.
* Provides comprehensive set of resources and assets to train and deploy effective machine learning models.

**Ways to create an Azure Machine Learning Workspace:**

* Use the user interface in the Azure Portal.
* Create an Azure Resource Manager (ARM) TEMPLATE.
* Use the Azure CLI with Azure Machine Learning CLI extension.
* Use the Azure Machine Learning Python SDK.

**Three general built-in roles:**

* Owner
* Contributor
* Reader

**Azure Machine Learning resources:**

* The workspace: Top level resource of Azure Machine Learning.
* Compute resources
* Datastores

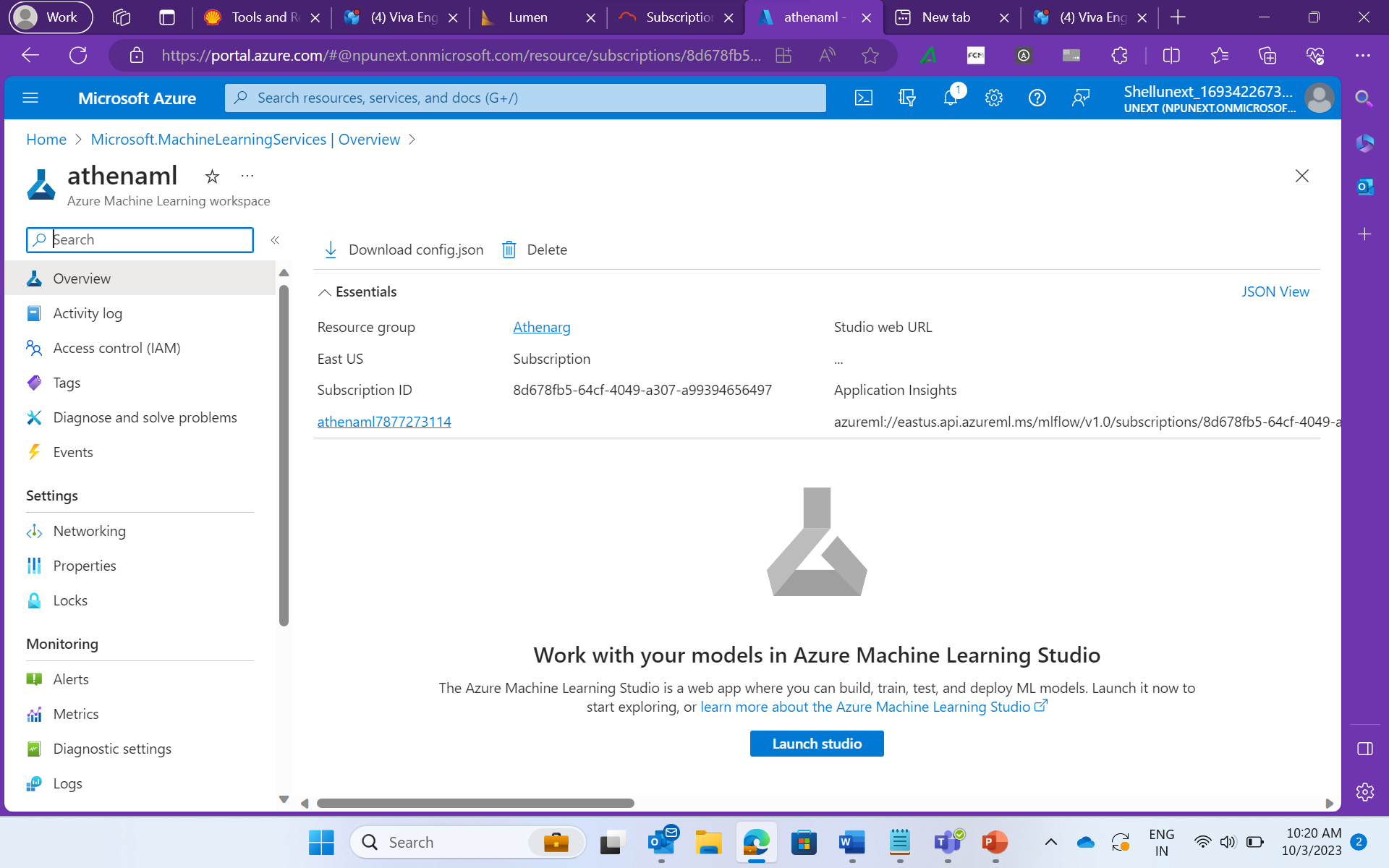
**Azure Machine Learning assets:**

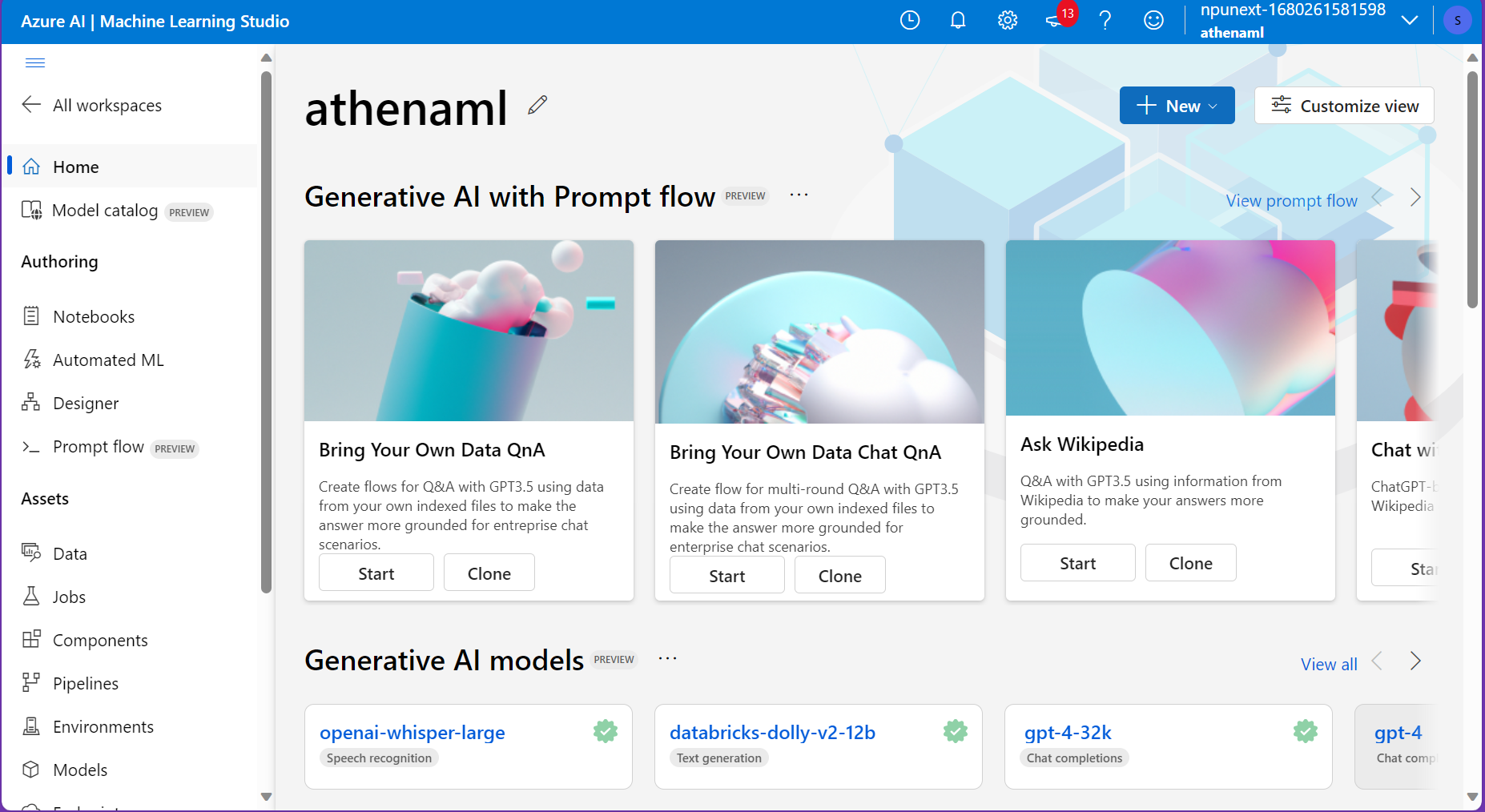
* Models
* Environments
* Data
* Components

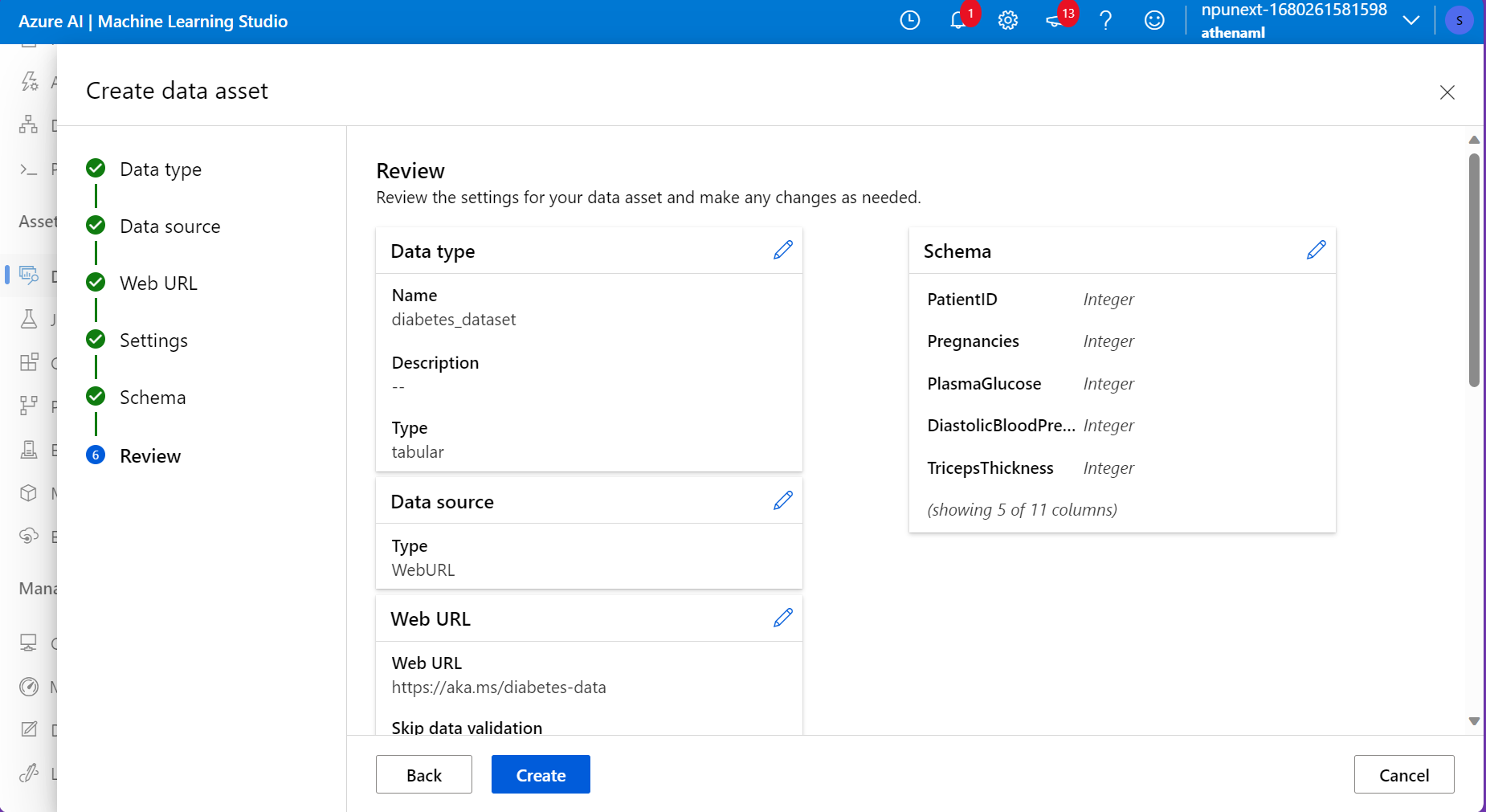
Azure Command

Azure Sweep

Azure Pipeline







A screenshot of a computer

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A screenshot of a computer

Description automatically generated