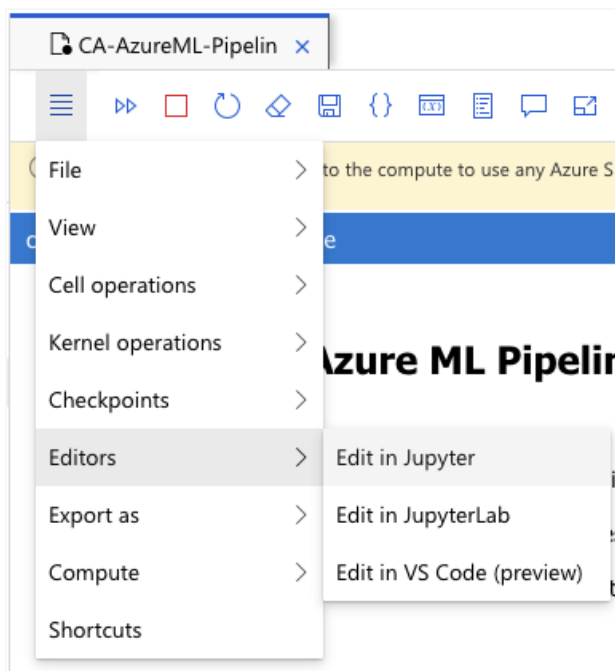


Introduction

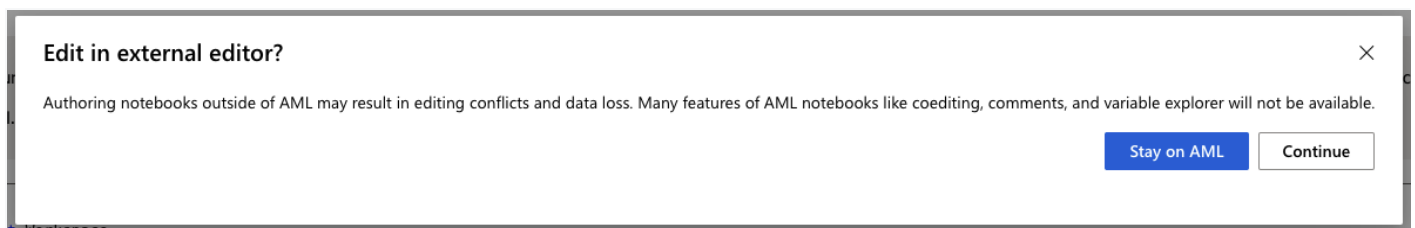
This lab step will show you how to use the Jupyter Notebook interface so that you can work through the notebook created for this lab.

Instructions

1. At the top of the Azure Notebook, click the menu button and navigate to **Editors** section and click **Edit in Jupyter**:



2. Click **Continue** to **Edit in external editor**:



Note: If an **IMPORTANT NOTE** appears, check the **Yes, I understand** box before clicking **Continue**:

IMPORTANT NOTE: Always use trusted code ✕

When using Azure Machine Learning, content within notebooks or scripts that you load can potentially read data from your sessions and access data within your organization in Azure. Only load notebooks or scripts into Azure from trusted sources where you have reviewed the source code. [Learn more about secure best practices with Azure Machine Learning here.](#)

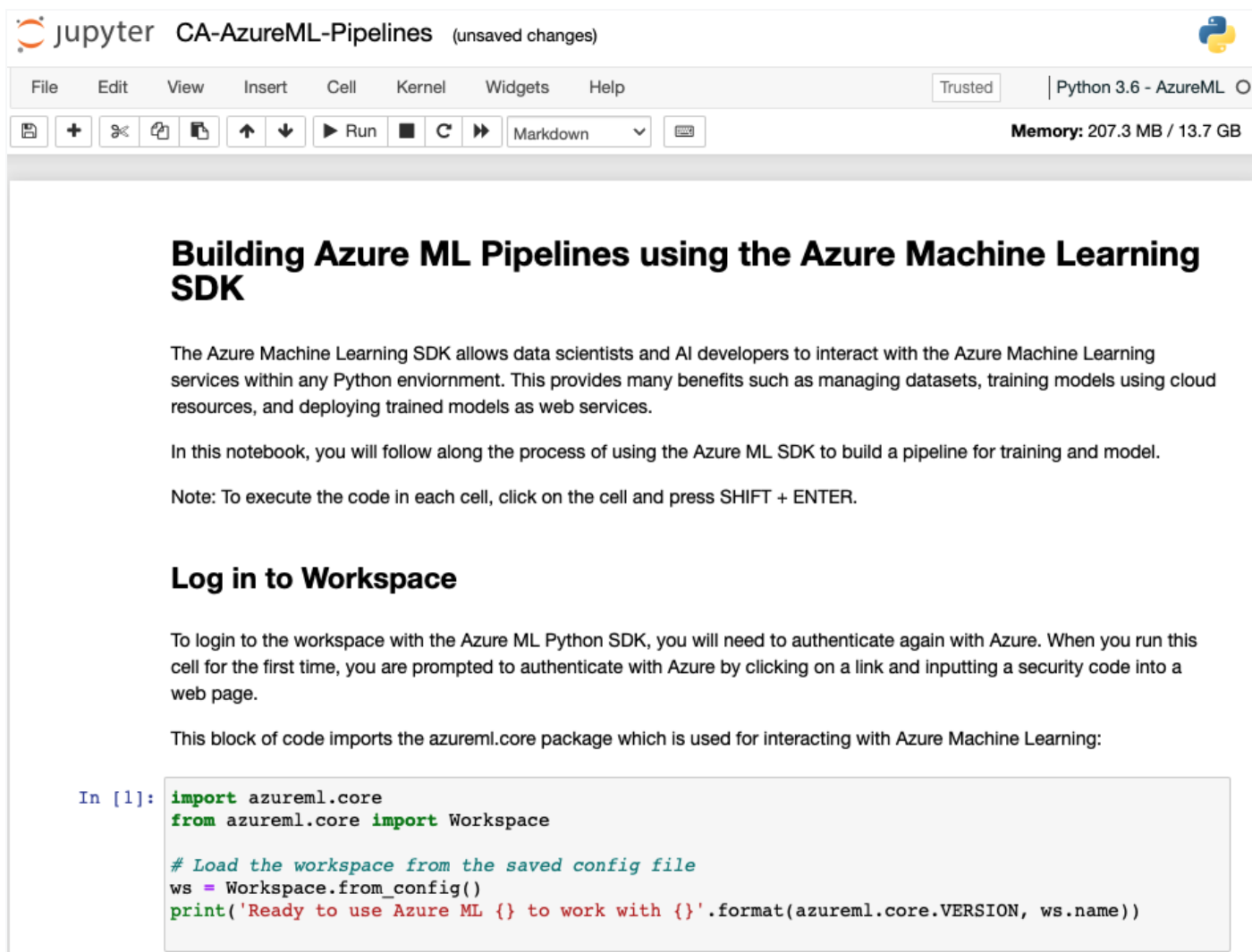
☒ Yes, I understand

Continue

Cancel

If prompted to sign in again, use your Cloud Academy Lab user account.

3. In the lab notebook tab that opened in a new tab, simply read through the text and it will instruct you on what to do:



Building Azure ML Pipelines using the Azure Machine Learning SDK

The Azure Machine Learning SDK allows data scientists and AI developers to interact with the Azure Machine Learning services within any Python environment. This provides many benefits such as managing datasets, training models using cloud resources, and deploying trained models as web services.

In this notebook, you will follow along the process of using the Azure ML SDK to build a pipeline for training and model.

Note: To execute the code in each cell, click on the cell and press SHIFT + ENTER.

Log in to Workspace

To login to the workspace with the Azure ML Python SDK, you will need to authenticate again with Azure. When you run this cell for the first time, you are prompted to authenticate with Azure by clicking on a link and inputting a security code into a web page.

This block of code imports the `azureml.core` package which is used for interacting with Azure Machine Learning:

```
In [1]: import azureml.core
from azureml.core import Workspace

# Load the workspace from the saved config file
ws = Workspace.from_config()
print('Ready to use Azure ML {} to work with {}'.format(azureml.core.VERSION, ws.name))
```

Note: To run each set of code, click on the relevant code box (cell) and click **Run** at the top of the notebook to run the code in the cell:



After running a set of code, you will get a notice underneath the cell with the printed message:

```
Ready to use Azure ML 1.34.0 to work with ml-lab-xnb5e5v3jeqvvy
```

When you have completed the notebook be sure to return here to run the lab checks to complete the lab.

Summary

In this lab step, you worked through a Python-based notebook that walks you through building Azure ML pipelines using the Azure Machine Learning SDK.