

Azure Machine Learning SDK & CLI (v1)

Article • 02/24/2023 • 2 minutes to read

APPLIES TO:  [Azure CLI ml extension v1](#)  [Python SDK azureml v1](#)

All articles in this section document the use of the first version of Azure Machine Learning Python SDK (v1) or Azure CLI ml extension (v1).

SDK v1

The Azure SDK examples in articles in this section require the `azureml-core`, or Python SDK v1 for Azure Machine Learning. The Python SDK v2 is now available.

The v1 and v2 Python SDK packages are incompatible, and v2 style of coding will not work for articles in this directory. However, machine learning workspaces and all underlying resources can be interacted with from either, meaning one user can create a workspace with the SDK v1 and another can submit jobs to the same workspace with the SDK v2.

We recommend not to install both versions of the SDK on the same environment, since it can cause clashes and confusion in the code.

How do I know which SDK version I have?

- To find out whether you have Azure Machine Learning Python SDK v1, run `pip show azureml-core`. (Or, in a Jupyter notebook, use `%pip show azureml-core`)
- To find out whether you have Azure Machine Learning Python SDK v2, run `pip show azure-ai-ml`. (Or, in a Jupyter notebook, use `%pip show azure-ai-ml`)

Based on the results of `pip show` you can determine which version of SDK you have.

CLI v1

The Azure CLI commands in articles in this section **require** the `azure-cli-ml`, or v1, extension for Azure Machine Learning. The enhanced v2 CLI using the `ml` extension is now available and recommended.

The extensions are incompatible, so v2 CLI commands will not work for articles in this directory. However, machine learning workspaces and all underlying resources can be