Highlight Note

Working with Datastores

To add a datastore to your workspace, you can register it using the graphical interface in Azure Machine Learning studio, or you can use the Azure Machine Learning SDK. For example, the following code registers an Azure Storage blob container as a datastore named **blob_data**.

```
from azureml.core import Workspace, Datastore

ws = Workspace.from_config()

# Register a new datastore
blob_ds = Datastore.register_azure_blob_container(workspace=ws,
                                                  datastore_name='blob_data',
                                                  container_name='data_container',
                                                  account_name='az_store_acct',
                                                  account_key='123456abcde789…')
```

Managing Datastores

You can view and manage datastores in Azure Machine Learning Studio, or you can use the Azure Machine Learning SDK. For example, the following code lists the names of each datastore in the workspace.

```
for ds_name in ws.datastores:
    print(ds_name)
```

You can get a reference to any datastore by using the **Datastore.get()** method as shown here:

```
blob_store = Datastore.get(ws, datastore_name='blob_data')
```

The workspace always includes a *default* datastore (initially, this is the built-in **workspaceblobstore** datastore), which you can retrieve by using the **get_default_datastore()** method of a **Workspace** object, like this:

```
default_store = ws.get_default_datastore()
```