**AZURE SERVICE PRINCIPAL**

spark.conf.set("fs.azure.account.auth.type.<storage-account>.dfs.core.windows.net", "OAuth")

spark.conf.set("fs.azure.account.oauth.provider.type.<storage-account>.dfs.core.windows.net", "org.apache.hadoop.fs.azurebfs.oauth2.ClientCredsTokenProvider")

spark.conf.set("fs.azure.account.oauth2.client.id.<storage-account>.dfs.core.windows.net", "<application-id>")

spark.conf.set("fs.azure.account.oauth2.client.secret.<storage-account>.dfs.core.windows.net", service\_credential)

spark.conf.set("fs.azure.account.oauth2.client.endpoint.<storage-account>.dfs.core.windows.net", "https://login.microsoftonline.com/<directory-id>/oauth2/token")

**SAS TOKEN**

spark.conf.set("fs.azure.account.auth.type.<storage-account>.dfs.core.windows.net", "SAS")

spark.conf.set("fs.azure.sas.token.provider.type.<storage-account>.dfs.core.windows.net", "org.apache.hadoop.fs.azurebfs.sas.FixedSASTokenProvider")

spark.conf.set("fs.azure.sas.fixed.token.<storage-account>.dfs.core.windows.net", dbutils.secrets.get(scope="<scope>", key="<sas-token-key>"))

**ACCESS KEY**

spark.conf.set(

"fs.azure.account.key.<storage-account>.dfs.core.windows.net",

dbutils.secrets.get(scope="<scope>", key="<storage-account-access-key>"))

**ACCESS AZURE STORAGE**

spark.read.load("abfss://<container-name>@<storage-account-name>.dfs.core.windows.net/<path-to-data>")

dbutils.fs.ls("abfss://<container-name>@<storage-account-name>.dfs.core.windows.net/<path-to-data>")

**MOUNT ADLS GEN2 WITH ABFSS**

configs = {"fs.azure.account.auth.type": "OAuth",

"fs.azure.account.oauth.provider.type": "org.apache.hadoop.fs.azurebfs.oauth2.ClientCredsTokenProvider",

"fs.azure.account.oauth2.client.id": "<application-id>",

"fs.azure.account.oauth2.client.secret": dbutils.secrets.get(scope="<scope-name>",key="<service-credential-key-name>"),

"fs.azure.account.oauth2.client.endpoint": "https://login.microsoftonline.com/<directory-id>/oauth2/token"}

# Optionally, you can add <directory-name> to the source URI of your mount point.

dbutils.fs.mount(

source = "abfss://<container-name>@<storage-account-name>.dfs.core.windows.net/",

mount\_point = "/mnt/<mount-name>",

extra\_configs = configs)