This Delta Sharing is open source and more information about it can be found on the following GitHub repository: <https://github.com/delta-io/delta-sharing> and at <https://delta.io/sharing/>

Here is the Databricks Delta Share Syntax covered in the Chapter.

create share <MyShareName>

alter share <MyShare> add table <MyTable>;.

describe share <MyShare>;

create recipient <MyRecipient>

grant select on share <MyShareName> to recipient <MyRecipient>.

The following commands can be run to install and import the delta-sharing client within your notebook. You can also install this from PyPi by searching for ‘delta-sharing-server’ and installing the ‘delta-sharing’ package. After that, you can use this previously downloaded credential profile file to list and access all the shared tables within your notebook.

# Install Delta Sharing

!pip install delta-sharing

# Import Delta Sharing

import delta\_sharing

# Point to the profile file which was previously downloaded and can be a file on the local file system or a file on a remote storage.

profile\_file = "<profile-file-path>"

# Create the SharingClient and list all shared tables.

client = delta\_sharing.SharingClient(profile\_file).list\_all\_tables()

# Create a url to access a shared table.

# A table path is the profile file path following with `#` and the fully qualified name of a table (`<share-name>.<schema-name>.<table-name>`).

table\_url = profile\_file + "#<share-name>.<schema-name>.<table-name>"

# For PySpark code, use `load\_as\_spark` to load the table as a Spark DataFrame.

delta\_sharing.load\_as\_spark(table\_url)

Snowflake Data Share Syntax

create share MyShare;

grant select on table MyDb.MySchema.MyTable to share MyShare;

show grants to share MyShare;

alter share MyAccount add accounts=Account1, Account2;

You can find more information about working with Snowflake’s data shares in their official documentation which can be found here: <https://docs.snowflake.com/en/user-guide/data-sharing-provider.html>

You can always find the most up-to-date information along with instructions on how to get started with Data Marketplace on Snowflake’s webpage here: https://www.snowflake.com/data-marketplace/