**Jupyter Notebook Installation (Windows Only):**

1. **Installation (Packages for Jupyter):**

Click Windows icon and search for the terminal “cmd” to open Command Prompt

Type the following in order:

“**pip install jupyterlab**” then press Enter

“**pip install notebook”** then press Enter

“**python -m pip install --upgrade pip**” then press Enter

“**jupyter notebook**” then press Enter

Every time you run the last command it will take you to the browser for the Jupyter Notebook local host page – You’re all set up!

1. **Connect to Snowflake (Packages Needed):**

Go back to the terminal

Type the following in order:

“**pip install snowflake-connector-python**” then press Enter

“**pip install pandas**” then press Enter

“**pip install sqlalchemy**” then press Enter

1. **Run Jupyter Notebook**

To run Jupyter, open the terminal and type “Jupyter Notebook” –

This will also create a local host on your PC.

1. **Create a new test file on Jupyter and copy/paste the following test query:**

#import modules

import snowflake.connector

import os, pandas as pd

import getpass

import sqlalchemy

#password prompt

sfpassword = getpass.getpass(prompt='Enter Password: ', stream=None)

#create connection from stored variables

conn = snowflake.connector.connect(

    user = 'username',

    password = 'password',

    account = 'hostname',

    warehouse = 'warehouse')

#test query from db

sqlquery = pd.read\_sql("SELECT \* FROM TABLE\_NAME LIMIT 100", conn)

display(sqlquery)