**Obtain the csv files that were downloaded from the original source**

**Original sources XXXXX**

Download the following files from XXXXX in the GitHub repository

Gainesville\_Crime.csv

Classifications.csv

Run Jupyter Notebook TransformGainesville\_CrimesALLMoonPhases

This notebook contains the ETL steps and code to export each of the tables as csv files for use in PGAdmin

All tables are exported as csv from jupyter notebook to ‘data’ folder

**Create tables in PGAdmin**

From PGAdmin

Create tables from ‘CreateTables.sql’ in the ‘docs’ folder. Copy/Paste the text into query tool.

**Populate tables from csv files**

1. Right click on callsforservice table and select Import/Export
2. Modify the Import/Export window with the following:
   1. Import/Export = Import
   2. Filename - click … and browse to the directory containing the callsforservice.csv
   3. Format = csv
   4. Encoding - no selection needed
   5. OID = No
   6. Header = Yes
   7. Delimiter = , (comma)
3. Click ‘OK’
4. The import/export will populate the callsforservice table from the callsforservice .csv

Repeat the above steps to populate the Classification and moonphase tables using the appropriate .csv files.

**Join the three tables together so that all the data is available**

Select \*

from callsforservice c

join classification cls

on c.cfs = cls.cfs

left join moonPhase mp

on c.offensedate = mp.date