

1 HW #0A: PostgreSQL Installation

Complete the tasks below in order to complete the assignment. Importantly, nothing needs to be turned in to complete this assignment.

Nothing needs to be physically turned in for this assignment, just make sure to complete the final step.

1. Install PostgreSQL on your computer. Note that installing PostgreSQL can be difficult and I recommend doing some research before beginning. If you are using a mac, I recommend using homebrew to install it. There is also something called PostgresAPP, which you can try.¹
2. Once PostgreSQL is installed, please create a schema for the stocks database, which can be done using the command below.

```
create schema stocks;  
commit;
```

We will also create a schema for some other datasets that are using in the class, which is “cls” and can be done using the commands below:

```
create schema cls;  
commit;
```

3. All of the data required for the homework can be found on the canvas page and the queries required to load the data onto your Postgres instance can be found in the data dictionary. Broadly speaking to load the data you must:
 - (a) Have a schema to place the table in (which is what was done in the previous step)
 - (b) Create a table to load the data into (the CREATE TABLE commands can be found in the data dictionary)
 - (c) Use a COPY command to move the data from its raw format into the database.
4. Please load the following datasets onto your local SQL instance: (1) stocks.s2010 (2) stocks.s2011, (3) stocks.fnd
5. For an SQL Client, I would recommend using PopSQL. One important trick when installing is that if you are referring to your local machine the host is “localhost.”
6. Make sure that on Slack and on the Canvas page you have a photo of yourself that will help me recognize you. After bootcamp you are free to make your Slack icon whatever you want, but during bootcamp you must have a recognizable photo as your avatar.

¹I am not IT and am not going to diagnose issues relating to installing your software.