

## Setup for Homework Assignment #1

(PostgreSQL)

*For future homework assignments on new systems (HW2 - HW6), we will provide detailed instructions for setting up the environment. However, we will not give blow-by-blow instructions for the HW#1 setup, as the necessary information on PostgreSQL is "out there." Google is your friend, and past CS220P/CS122A web pages could be one place to look – and in your career after graduation, learning to find and apply such information on your own will be an important survival skill. This course will give you several opportunities to hone that skill. :-)* You should also find and install **pgAdmin4**, the PostgreSQL GUI, as you will want to have it available for one of the problems in the HW.

To start, here are some links you may or may not find helpful:

### Mac Users:

<https://postgresapp.com/>

### Linux (older version) & Windows Users:

1. Installation with EDB:

<https://www.enterprisedb.com/downloads/postgres-postgresql-downloads>

2. Installation with Anaconda:

<https://docs.anaconda.com/anaconda/install/>

<https://anaconda.org/anaconda/postgresql>

### PostgreSQL documentation:

<https://www.postgresql.org/docs/current/>

Once you have everything setup, run **psql**, enter "SELECT VERSION();", and verify that you see something similar to the following output. (You will probably see a more recent version.)

```
(base) [user@127.0.0.1 hw1]$ psql
psql (13.2)
Type "help" for help.

user=# SELECT version();
               version
-----
PostgreSQL 13.2 on x86_64-pc-linux-gnu, compiled by
x86_64-conda_cos6-
linux-gnu-cc (crosstool-NG 1.23.0.449-a04d0) 7.3.0, 64-bit
(1 row)

user=# \q
(base) [user@127.0.0.1 hw1]$
```