How do I install Postregs Server for local development on a PC?

https://www.postgresql.org/download/windows/

Test installation

Open command line

type

```
which psql
which pg_dump
```

or

```
psql --version
pg_dump --version
```

Connect to databse by command line

Postgres for windows:

```
psql ^
    --host=<DB instance endpoint> ^
    --port=<port> ^
    --username=<master user name> ^
    --password ^
    --dbname=<database name>
```

How do I download a copy of the production database stored in AWS?

```
pg_dump -h <dbhost> -U <user> -d <dbName> --password -O sourcedb sourcedb.sql
```

```
psql -h <dbhost> -U <user> -d <dbName> --password -f sourcedb.sql
```

http://www.postgresqltutorial.com/postgresql-copy-database/

How do I upload a file to update some fields in one transaction from one table?

```
# Connect to database
psql -h <dbhost> -U <user> -d <dbName>

# Create temporal table usually with table_id and the columnToUpdate value
CREATE TEMP TABLE tmp_x (table_id int, columnToUpdate text);
# Copy all the values from the to.csv that matches the same format as the temporal table (He
\copy tmp_x FROM '/absolute/path/to.csv'  with (format csv,header true, delimiter ',');

# Make the opdate to the original table with the UPDATE command matching the names
UPDATE original_table
SET    columnToUpdate = tmp_x.columnToUpdate
FROM   tmp_x
WHERE  original_table.id = tmp_x.id;

# Finally we drop the temporal table
DROP TABLE tmp_x; -- else it is dropped at end of session automatically
```