Connecting to Database

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We will be using JupyterHub based environment to master Postgresql. Let us go through the steps involved to get started using JupyterHub environment.

- We will use Python Kernel with sql magic command and for that we need to first load the sql extension.
- Create environment variable `DATABASE_URL` using SQL Alchemy format.
- Write a simple query to get data from information schema table to validate database connectivity.
- Here is the information you can leverage to connect to the database.
    - **User Name:** YOUR_OS_USER_sms_user
    - **Database Name:** YOUR_OS_USER_sms_db
    - **Password:** Your lab password provided by us

```
%load_ext sql
```

```
%env
DATABASE_URL=postgresql://itversity_sms_user:sms_password@localhost:5432/itversity_sms_
db
```

```
%sql SELECT * FROM information_schema.tables LIMIT 10
```

By Durga Gadiraju
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