**PostgreSQL Commands**

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| **Command** | **Code** | **Notes / Explanation** |
| Login into PostgreSQL | sudo su – postgres | Logged in as user postgres |
| Exit PostgreSQL | exit |  |
| Access PostgreSQL prompt Line | psql |  |
| Exit PostgreSQL prompt Line | \q |  |
| List all Databases | \l | * The letter l as in for lion * Press q to exit |
| Create a Database | CREATE DATABASE <database\_name>; |  |
| Drop (Delete) a Database | DROP DATABASE <database\_name> |  |
| Connect to a Database  (Use a database) | \c <database\_name> |  |
| View all Tables in a Database | \dt |  |
| View all Tables in a Database including size and descrip | \dt+ |  |
| Create a Table  (NEED A DATABASE SELECTED) | CREATE TABLE <table\_name> (  <column1> <data\_type> <column\_contraint>,  <column2> <data\_type> <column\_contraint>,  <column3> <data\_type> <column\_contraint>,  table\_constraints  ); | * data\_type 🡪 The variable type of col. * constrain\_name 🡪 Is optional. Defines constraints on the column, NOT NULL, UNIQUE, PRIMARY KEY, CHECK, FOREIGN KEY. * table\_constraints 🡪 Similar to col constraints except applies to > 1 col. |
| Drop (Delete) a Table | DROP TABLE <table\_name> |  |
| See (View) the Table | SELECT \* FROM <table\_name> |  |
| Insert Data (Rows) into Table | INSERT INTO <table\_name> (column1, column2, …)  VALUES (value1, value2, …); | Text values need to be in single quotes ‘ ’. Like ‘abc’. |
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