**SQL Data Analysis Query**

***New Records Database***

**Instruction**

You have been provided with a randomly generated SQL table. Follow the following steps:

1. Create a database using “*Create database* ”and name the database any name of your choice.

2. From the created database, navigate to *schemas and use the database*.

3. From the ‘Tables’ folder, open a query editor and create a table schema (specifically an empty table) by running the SQL code below:

CREATE TABLE records\_jan22 ( record\_id INTEGER, date DATE, ceo\_id INTEGER, first\_name TEXT, last\_name TEXT, date\_of\_birth DATE, total\_revenue REAL, total\_expenses REAL, state VARCHAR(14), postal\_codes CHAR(5), compani\_name TEXT,

industry TEXT, email TEXT,

PRIMARY KEY(record\_id));

4. Right click on Tables and refresh the Tables folder.

* 1. 5. From the Tables folder, navigate to the just created table named “records\_jan22” and populate the created table with the randomly generated data by either of the following methods: i. Method 1: Loading a CSV file. a) From the created database, navigate to *schemas>public>*Tables>records\_jan22.
  2. b) Right click on the table named “records\_jan22” and click on import/export.
  3. c) Click on “Export” button to change it to “Import”.
  4. d) Click on the three dots to the right side of “filename” and navigate to where the data named “records\_jan22.csv” is stored in your system.
  5. e) Select the file named “records\_jan22.csv” and click on “Select”. (ensure that format is in csv).
  6. f) From the “Miscellaneous” section, click on “No” button in “Header” section to change it to “Yes”. (This tells Pgadmin that your data has and header row hence, ignore it).