Postgre SQL

Postgre SQL is a powerful, open source object relational database system.

→ CREATE SCHEMA company;

→ SET search_path TO company;

→ CREATE TABLE employee (
   fname TEXT NOT NULL,
      ssn CHAR(9) NOT NULL PRIMARY KEY,
      Bdate DATE,
      Salary DECIMAL (10,2) NULL,
      Dno INT NOT NULL);

→ Add a new column to a table -

ALTER TABLE employee ADD COLUMN ebulet TYPE;

→ Drop a column

ALTER TABLE tableName DROP COLUMN column_name;

→ Rename a Column.

ALTER TABLE tn RENAME columnname To newcn;

→ Query all data

Select * FROM table_name;

→ some condition

Select * FROM table_name WHERE cond";

→ Inner Join
Select * FROM table1 INNER JOIN table2 ON cond";

→ Left Join
Select * FROM tabl1 LEFT JOIN table2 ON cond";

→ CROSS JOIN
Select * FROM table1 CROSS JOIN table2;

→ Natural JOIN
Select * FROM table1 NATURAL JOIN table2;

→ Insert a row into a table -

    INSERT INTO table (Colum 1, colu 2, ...)
    VALUES (val 1, val 2, ...);

→ Multiple values -

    INSERT INTO table_name (")
    VALUES (");

→ Delete all rows of a table -

    DELETE FROM table_name;

→ On specific cond^n →

    DELETE FROM table_name WHERE cond^n;