**Creating Database and Table**

SQL allows to define the structures that hold data, to organize relationships in the data.

A table is a grid of rows and columns that store data. Each row holds a collection of columns, and each column contains data of a specified type.

**Creating a Database**

When installing PostgreSQL, it created a database server, an instance of the application running on the computer.

A database is a collection of objects that includes tables, functions, user roles and much more.

It is generally good practice to create a new database for each project.

**Creating a Table**

When creating a table, you assign a name to each column and assign a data type.

The datatype **bigserial** is a special integer type that auto increments everytime you add a row to the table. The first row receives the value of 1 and the second row 2 and so on.

(<https://www.convert-in.com/mysql-to-postgres-types-mapping.htm>)