

# PostgreSQL All Commands with Usage & Examples

## Database Operations

**Command:** CREATE DATABASE

**Usage:** Create a new database

**Example:** CREATE DATABASE university;

**Command:** DROP DATABASE

**Usage:** Delete a database

**Example:** DROP DATABASE university;

**Command:** \l

**Usage:** List databases

**Example:** \l

## Table Operations

**Command:** CREATE TABLE

**Usage:** Create a table

**Example:** CREATE TABLE students(id SERIAL, name VARCHAR(50));

**Command:** DROP TABLE

**Usage:** Delete a table

**Example:** DROP TABLE students;

**Command:** \dt

**Usage:** List tables

**Example:** \dt

## Data Manipulation

**Command:** INSERT

**Usage:** Insert data

**Example:** INSERT INTO students(name) VALUES('Ali');

**Command:** SELECT

**Usage:** Retrieve data

**Example:** SELECT \* FROM students;

**Command:** UPDATE

**Usage:** Update data

**Example:** UPDATE students SET name='Rahim' WHERE id=1;

**Command:** DELETE

**Usage:** Delete data

**Example:** DELETE FROM students WHERE id=1;