# SQL Memory Hacks & Quick Reference

This cheat sheet covers SQL table creation, data insertion, updating, and deletion. It uses memory hooks, acronyms, and mental images to make recall easy during exams.

| Step | Command | Memory Hook / Mental Image |
|------|---------|----------------------------|
| 1. Create Table | CREATE TABLE table_name (...) | Build the structure (columns = rooms, data types = sizes) |
| 2. Insert Data | INSERT INTO table_name (...) VALUES (...) | Fill the rooms with furniture (data) |
| 3. Update Data | UPDATE table_name SET ... WHERE ... | Rearrange the furniture in a specific room |
| 4. Delete Data | DELETE FROM table_name WHERE ... | Throw away specific furniture |
| 5. Drop Table | DROP TABLE table_name; | Demolish the building |

**Memory Acronym:**
**C**ats **I**n **U**ganda **D**ance

C = CREATE TABLE, I = INSERT INTO, U = UPDATE, D = DELETE

**Example Walkthrough:**
1. CREATE TABLE Students (ID INT PRIMARY KEY, Name VARCHAR(50), Marks INT);
2. INSERT INTO Students (ID, Name, Marks) VALUES (1, 'Alice', 85);
3. UPDATE Students SET Marks = 90 WHERE ID = 1;
4. DELETE FROM Students WHERE ID = 1;

**Golden Tip:** Always write column names in INSERT to avoid mistakes.