

# SQL Practice: INSERT, UPDATE, DELETE

**Objective:** Practice inserting, updating, and deleting data

**Tools:** DB Fiddle / SQLiteStudio

```
-- Create a simple table

CREATE TABLE Students (
StudentID INTEGER PRIMARY KEY,
Name TEXT NOT NULL,
Age INTEGER,
Major TEXT
);

-- INSERT statements

INSERT INTO Students (StudentID, Name, Age, Major)
VALUES (1, 'Ali', 21, 'Computer Science');

INSERT INTO Students (StudentID, Name, Age, Major)
VALUES (2, 'Sara', 22, 'Mathematics');

INSERT INTO Students (StudentID, Name, Age, Major)
VALUES (3, 'Ahmed', 20, 'Physics');

-- UPDATE statement

UPDATE Students
SET Major = 'Software Engineering'
WHERE StudentID = 1;

-- DELETE statement

DELETE FROM Students
WHERE StudentID = 3;
```