

# SQL



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# Data manipulation



- SQL - Structured Query Language
- Allows the manipulation of data in the tables

# SELECT



- `SELECT * FROM [table];`
- `SELECT column1, column2 FROM [table];`

# INSERT



- `INSERT INTO [table] (column1, column2) VALUES (value1, value2);`

# UPDATE



- `UPDATE [table] SET column1 = value1, column2 = value2 WHERE <condition>;`

# DELETE

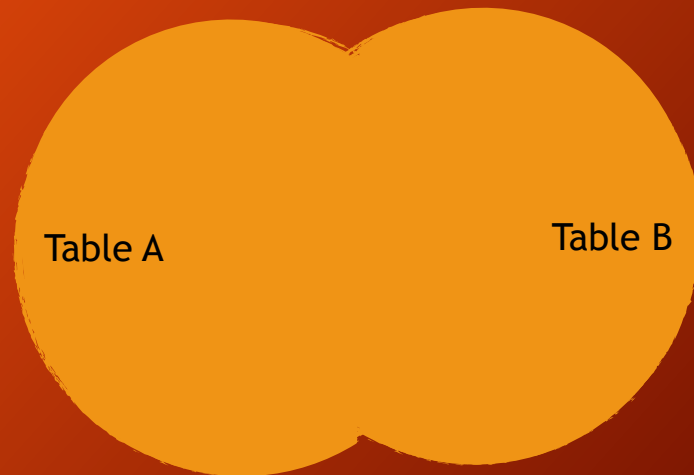


- `DELETE FROM [table] WHERE <condition>;`

# JOIN



- INNER JOIN - select only joined records
- LEFT JOIN - select all records from Table A, and Table B where condition is met
- RIGHT JOIN - select all records from Table B, and Table A where condition is met
- FULL JOIN - Select all records from both tables



# SQL - not only for queries



- Database management
- Table management
- Index management
- System management
- User management