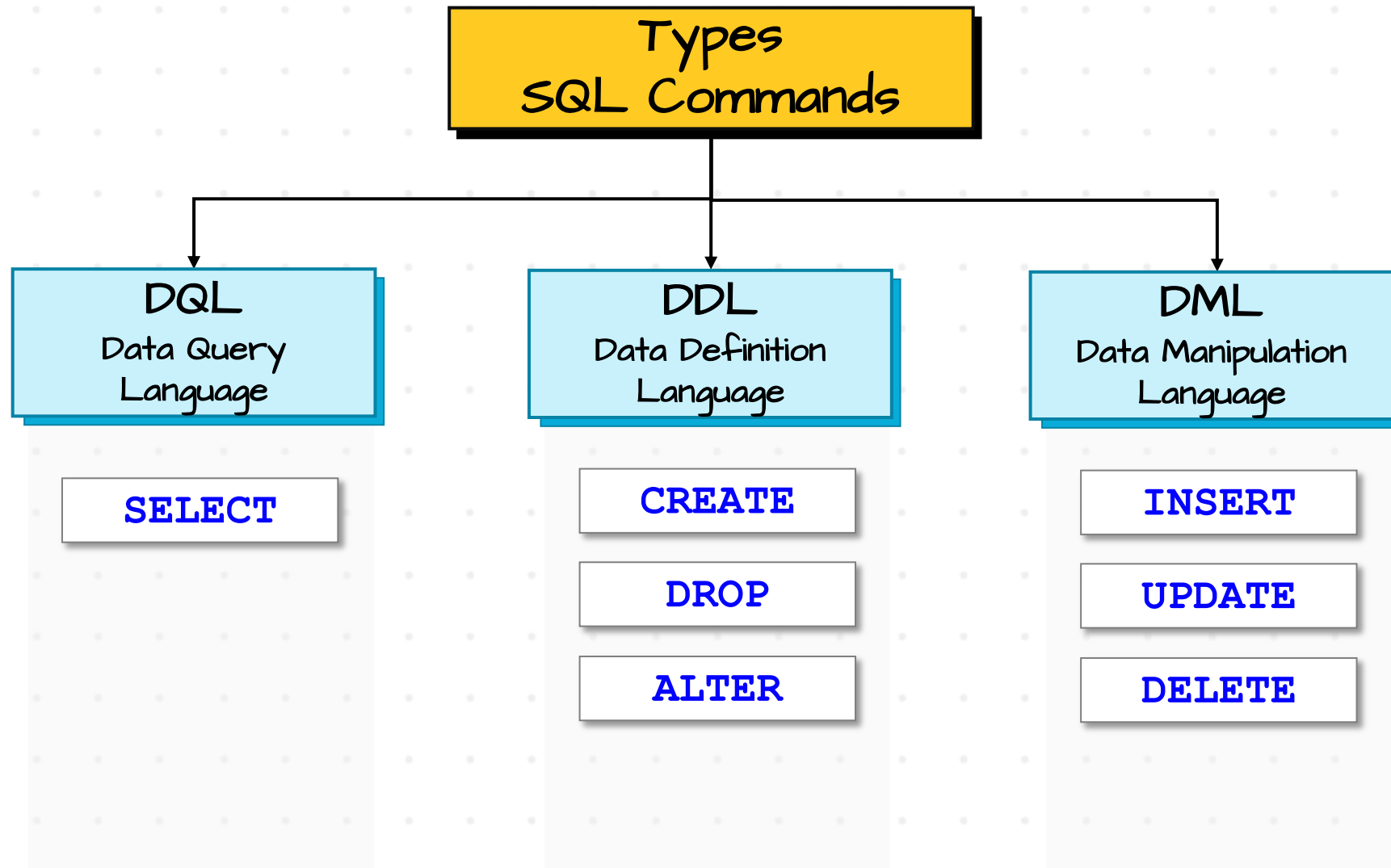




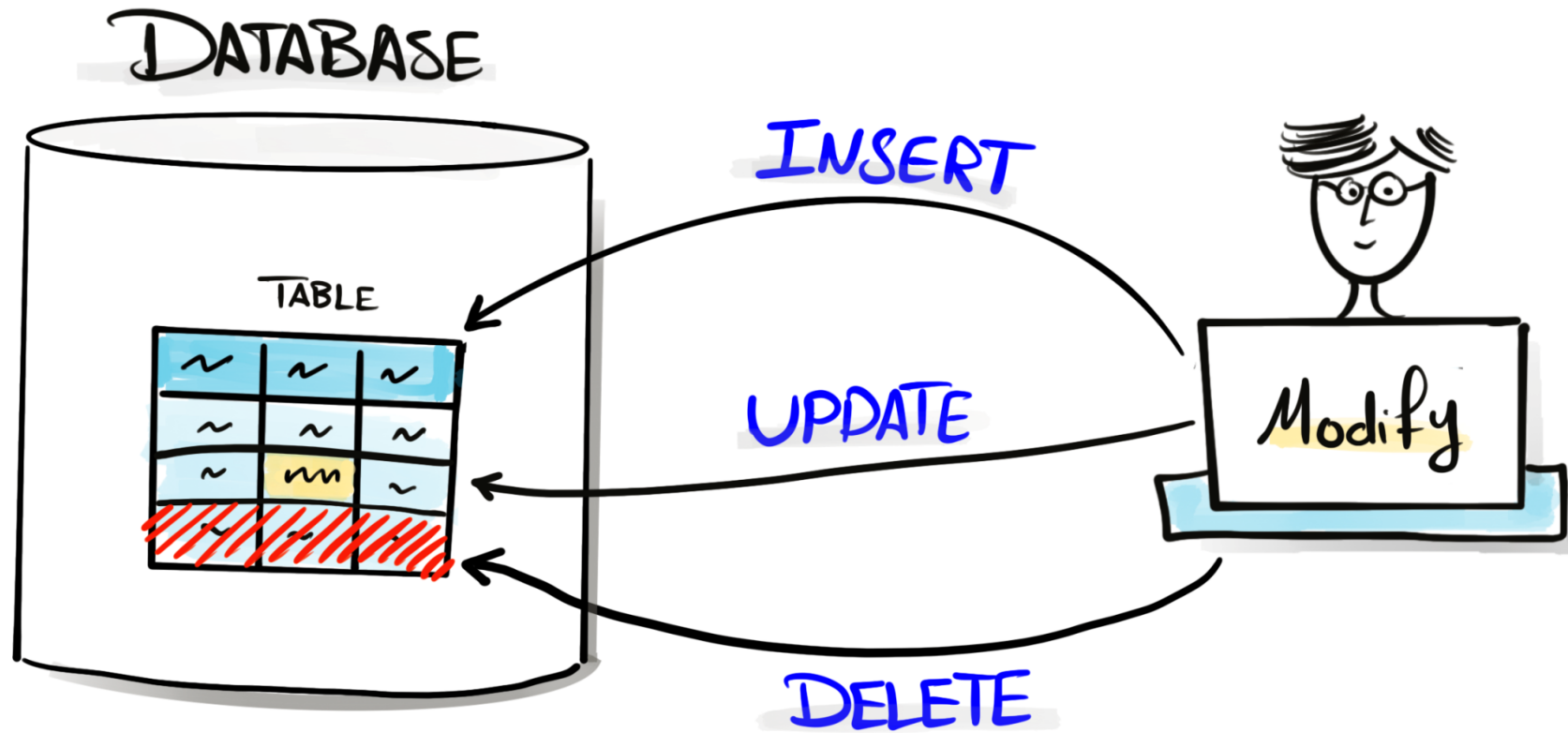
# DML

Data Manipulation Language  
Change Your Data



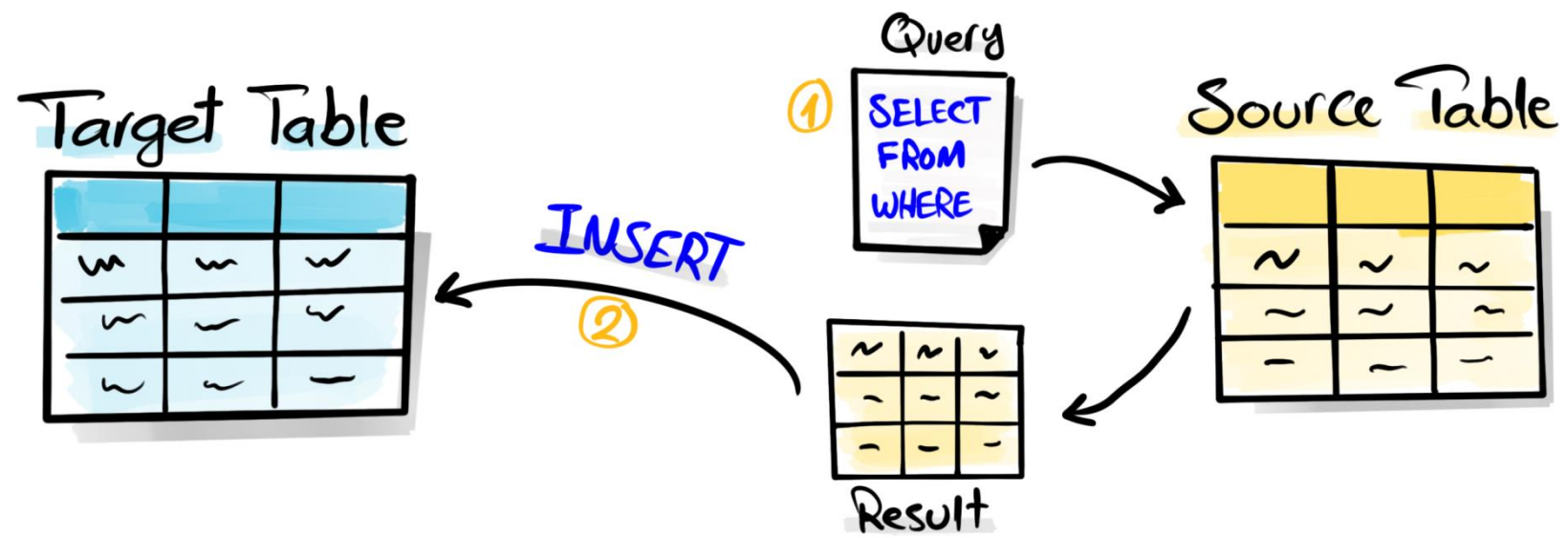
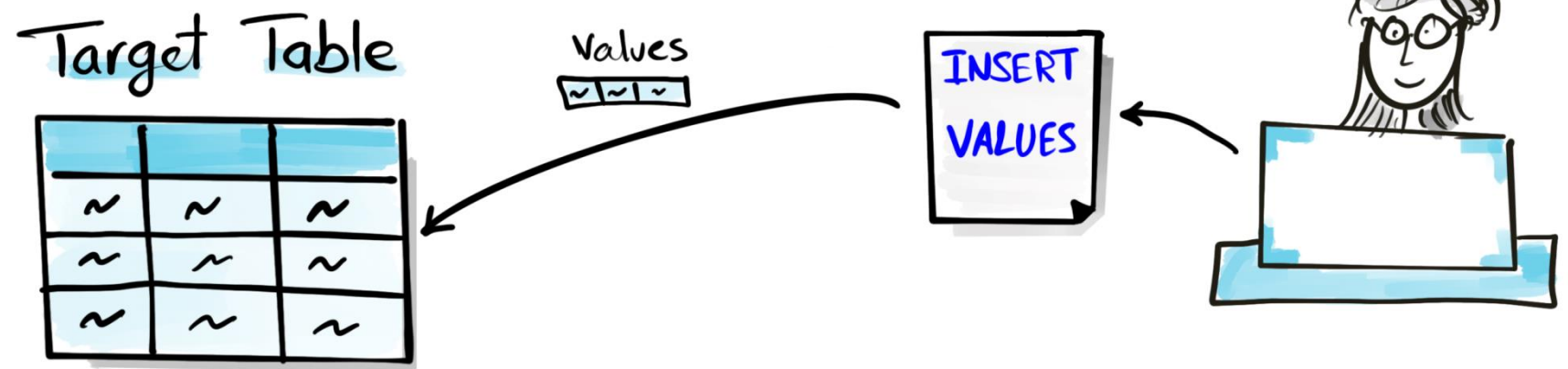


# Modify (Manipulate) Your Data





# ① Manual Entry (Values)



# ② INSERT using SELECT

# INSERT Syntax

OPTIONAL: if **no columns** are specified, SQL expects **values for all columns**

**INSERT INTO** table\_name (column1, column2, column3,...)

**VALUES** (value1, value2, value3,...)

, (value1, value2, value3,...) ← Multiple Inserts

## Rule

- Match the number of **columns** and **Values**.

## UPDATE Syntax

```
UPDATE table_name  
    SET column1 = value1,  
        column2 = value2  
    WHERE <condition>
```

### NOTE

- Always use WHERE to avoid *UPDATING* all rows unintentionally

## DELETE Syntax

```
DELETE FROM table_name  
WHERE <condition>
```

### NOTE

- Always use WHERE to avoid ~~DELETING~~ all rows unintentionally