DATA WITH BARAA

DML

Data Manipulation Language

Change Your Data

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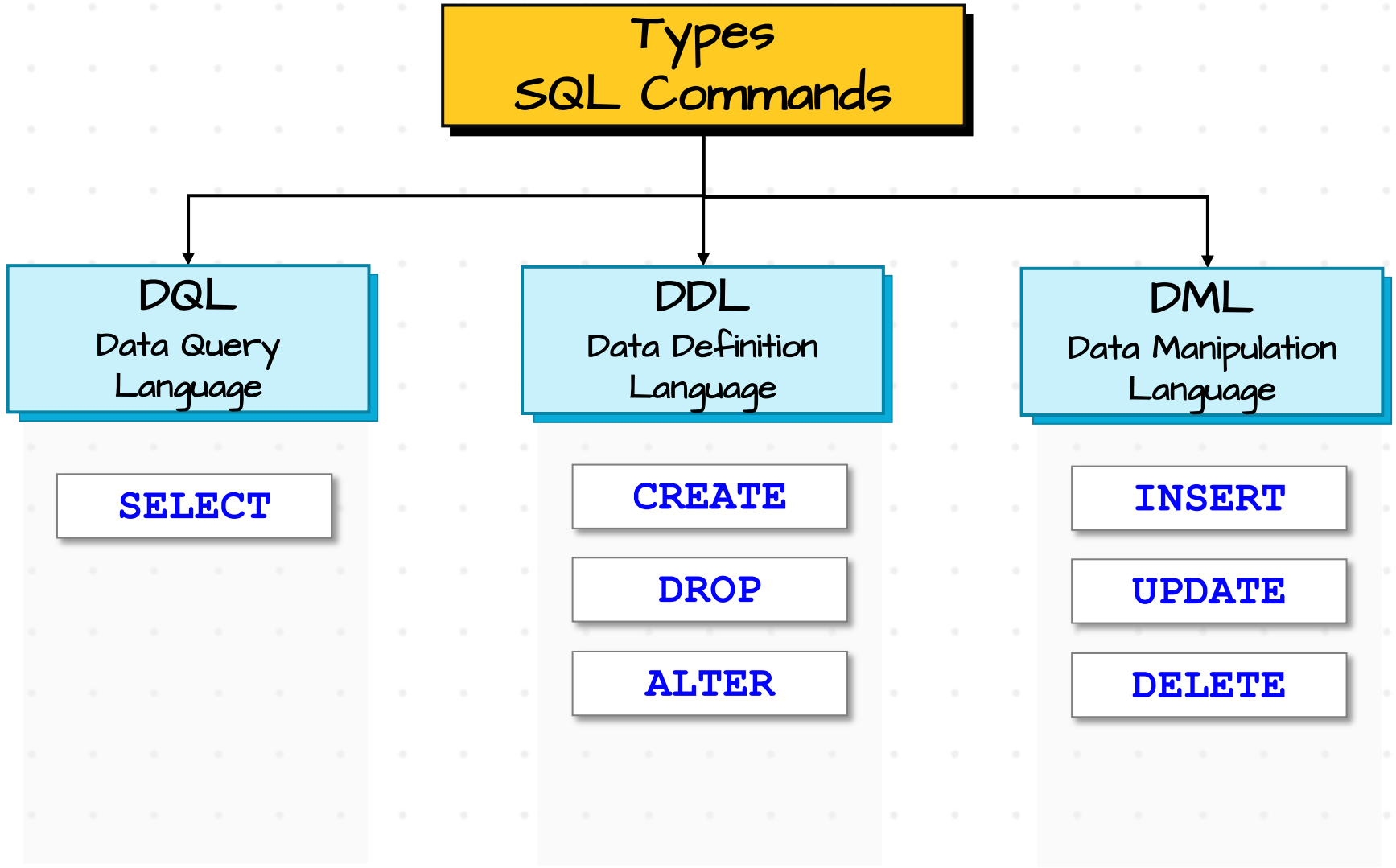
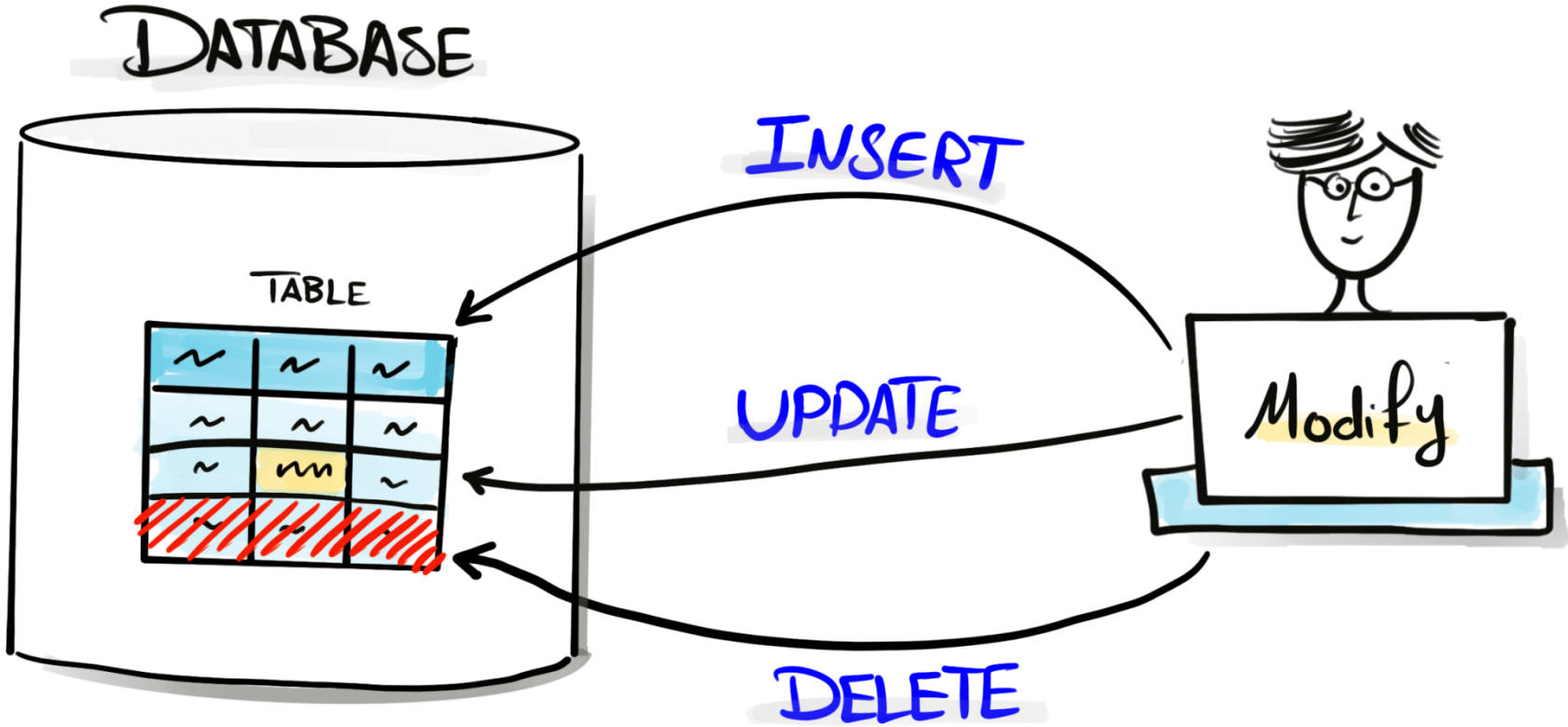
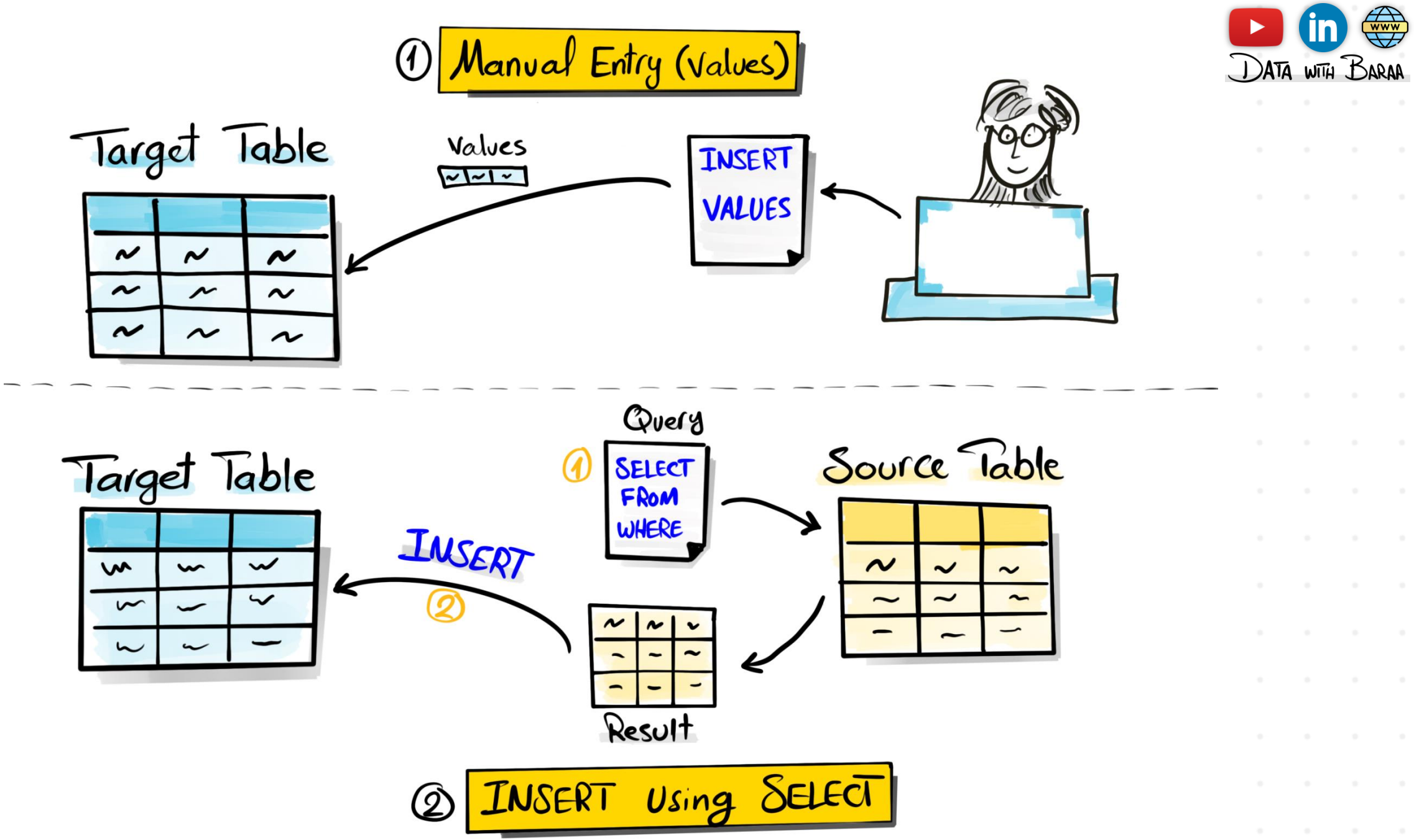
YouTube | **DATA WITH BARAA**
SQL Course | DML Commands


Types
SQL Commands
DQL
Data Query Language
SELECT
DDL
Data Definition Language
CREATE
DROP
ALTER
DML
Data Manipulation Language
INSERT
UPDATE
DELETE

Modify (Manipulate) Your Data





① Manual Entry (Values)
Target Table
Values
INSERT VALUES
Query
① SELECT FROM WHERE
Source Table
Target Table
INSERT
②
Result
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