

- DDL = Data Definition lang [CREATE,ALTER,DROP] --> ARCHITECTURE
- DML = Data manipulation lang [INSERT,UPDATE,DELETE] --> DATA LAYER
- DCL /TCL = Data/ Transaction control lang[grant, revoke] --> PERMISSION MANAGEMENT
- DTL = Data transformation lang [COMMIT, ROLLBACK] --> Flow complete / Revert
- DQL = Data Query lang [SELECT] --> ANALYRICS, REPORTING

1. Be careful about relationships
2. KISS
3. Keep it private

DDL good practices

CREATE

ALTER

DROP

id	employee_name
6464	Mr ABC
6464	MR ZYX

Consumer_id	Interest	Phone_num (Unq)
1	Egg	
Uijgt68g	Rice	
564it4	Potato	64564434
Piyhui867	Burger	

DDL good practices

TABLE:

- NAME should be unique & meaningfull
- Never use revred keywords (create, update, select...)
- camelCase/ UPPERCASE/ Proper case -> snake_case
- No space

Columns:

Data types should be relevant

Constraint (PK, UNQ, NOT NULL....)

Foreign key

Comments/Description

DDL & DCL

- Creating users
- Password setting
- Validity of password
 - Changing ownership

DDL

TABLE TYPES

REGULAR TABLE

TEMPORARY TABLE

SYSTEM TABLE / Information table

VIEW

MATERIALIZED VIEW

PARTITIONED

Q&A