MERMAID

online / live

A[program basladi]-->B[sisteme yuklendi]

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title: Order example

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erDiagram

CUSTOMER ||--o{ ORDER : creates

ORDER ||--|{ ORDER-ITEM : contains

CUSTOMER }|..|{ DELIVERY-ADDRESS : uses

Data Driven Approach

kararları özümüz VERMESİN

kararları data VERSİN

data makes decision

Her bir product kacar tane satildi???

product\_counts = {

'S18\_1749': 300,

'S24\_1937': 212,

}

SELECT

[ALL | DISTINCT | DISTINCTROW ]

[HIGH\_PRIORITY]

[STRAIGHT\_JOIN]

[SQL\_SMALL\_RESULT] [SQL\_BIG\_RESULT] [SQL\_BUFFER\_RESULT]

[SQL\_NO\_CACHE] [SQL\_CALC\_FOUND\_ROWS]

select\_expr [, select\_expr] ...

[into\_option]

[**FROM** table\_references

[PARTITION partition\_list]]

[**WHERE** where\_condition]

[**GROUP** BY {col\_name | expr | position}, ... [WITH ROLLUP]]

[**HAVING** where\_condition]

[WINDOW window\_name AS (window\_spec)

[, window\_name AS (window\_spec)] ...]

[**ORDER** BY {col\_name | expr | position}

[ASC | DESC], ... [WITH ROLLUP]]

[**LIMIT** {[offset,] row\_count | row\_count OFFSET offset}]

[into\_option]

[FOR {UPDATE | SHARE}

[OF tbl\_name [, tbl\_name] ...]

[NOWAIT | SKIP LOCKED]

| LOCK IN SHARE MODE]

[into\_option]

into\_option: {

INTO OUTFILE 'file\_name'

[CHARACTER SET charset\_name]

export\_options

| INTO DUMPFILE 'file\_name'

| INTO var\_name [, var\_name] ...

}

Our goal is to make a dictionary of “CUSTOMER NUMBER” and how many times they have given orders

customer\_order\_count = {

‘Nissan group’: 56,

‘AX …’: 11,

}

SELECT orderDate,

case MONTH(orderDate)

when 1 THEN 'WINTER'

when 2 THEN 'WINTER'

when 3 THEN 'WINTER'

when 4 THEN 'SPRING'

when 5 THEN 'SPRING'

when 6 THEN 'SPRING'

when 7 THEN 'SUMMER'

when 8 THEN 'SUMMER'

when 9 THEN 'SUMMER'

when 10 THEN 'AUTUMN'

when 11 THEN 'AUTUMN'

when 12 THEN 'AUTUMN'

end as season

FROM orders;

ALTER TABLE `code`.`cities`

ADD COLUMN `cityid` INT NOT NULL AUTO\_INCREMENT FIRST,

CHANGE COLUMN `city` `city` VARCHAR(50) CHARACTER SET 'latin1' NOT NULL ,

ADD PRIMARY KEY (`cityid`);

;

ALTER = CHANGE

SELECT ==> Bring results, query, display rows

INSERT ==> Inserts rows into table

DELETE ==> Removes rows from table

UPDATE ==> CHANGE !!!!

Table: **c**ities

cityid int AI PK

city varchar(50)

Table: **cu**stomers

customerNumber int PK

customerName varchar(50)

contactLastName varchar(50)

contactFirstName varchar(50)

city varchar(50)

**cityid** int [ **null**, RANDOMLY 5 , wrong !!!] how can we fill??

1- create table cities select distinct city from customers

2- cities add primary key (cityid, auto increment)

3- customers "BOS – EMPTY – NULL" cityid

**SET cu.cityid = c.cityid;**

**ALTER TABLE `code`.`customers`**

**DROP COLUMN `city`;**