Hive. Comandos

Hive

Comandos DDL (DATA DEFINITION LANGUAGE)

- CREATE TABLE
- Create/Drop/Alter/Use Database
- Create/Drop/Truncate Table
- Alter Table/Partition/Column
- Create/Drop/Alter View
- Create/Drop/Alter Index
- Create/Drop Macro
- ……

```
create table table_name (
        id              int,
       dtDontQuery      string,
       name             string
)
partitioned by (date string)
```

```
Create database db1
```

Hive

Comandos DML (DATA MANIPULATION LANGUAGE)

- LOAD
- INSERT
- UPDATE
- DELETE
- MERGE

```
LOAD DATA LOCAL INPATH '/home/curso/Escritorio/employee.txt'
OVERWRITE INTO TABLE employee_internal;
```

```
INSERT INTO TABLE students
  VALUES ('fred flintstone', 35, 1.28), ('barney rubble', 32, 2.32);
```

```
DELETE FROM students WHERE gpa <= 1,0;
```

```
merge into customer
using ( select * from new_customer_stage) sub
on sub.id = customer.id
when matched then update set name = sub.name, state =
sub.new_state
when not matched then insert values (sub.id, sub.name,
sub.state);
```

Hive

Comandos SELECT

```
SELECT [ALL | DISTINCT] select_expr, select_expr, ...
FROM table_reference
[WHERE where_condition]
[GROUP BY col_list]
[HAVING having_condition]
[CLUSTER BY col_list | [DISTRIBUTE BY col_list] [SORT BY col_list]]
[LIMIT number]
;
```

Mathematical Functions
Collection Functions
Type Conversion Functions
Date Functions
Conditional Functions
String Functions
Misc Functions

Hive

Comandos SELECT

```
SELECT * FROM employee WHERE salary>30000;
```

```
SELECT Id, Name, Dept FROM employee ORDER BY DEPT;
```

```
SELECT Dept,count(*) FROM employee GROUP BY DEPT;
```

```
SELECT c.ID, c.NAME, c.AGE, o.AMOUNT  FROM CUSTOMERS c JOIN ORDERS o
ON (c.ID = o.CUSTOMER_ID);
```

```
SELECT c.ID, c.NAME, o.AMOUNT, o.DATE  FROM CUSTOMERS c
  LEFT OUTER JOIN ORDERS o
  ON (c.ID = o.CUSTOMER_ID);
```

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