hive

to view the all the databases

show databases;

to creat a database

create database if not exists A;

to manipulate the database we should get into it ,for it we'll should use this query

Use A;

Check location from hdfs

hadoop fs -ls /user/hive/warehouse

Managed tables

create table if not exists emp(empno int, ename string, sal float, comm float, dpno int) row format delimited fields terminated by ',’;

To get the structure of the tables

describe emp;

To load the data from a file into the table

load data local inpath '/home/cloudera/Desktop/emp.csv' into table emp;

To view all the content in the table

Select \* from emp;

To add External Tables

create external table ext\_emp1(empno int, ename string, sal float, comm float, dpno int) row format delimited fields terminated by ',’ location '/user/cloudera/data/emp’;

While giving path we have to give only directory path not file name

Here, table will be in given hdfs path.

create external table ext\_emp2(empno int, ename string, sal float, comm float, dpno int) row format delimited fields terminated by ‘,’;

Table will be stored under /user/hive/warehouse/A.db/ext\_emp2/emp

load data local inpath '/home/cloudera/Desktop/empdata' into table ext\_emp2;

set hive.exec.dynamic.partition.mode;

set hive.exec.dynamic.partition.mode=nonstrict;

create external table emp\_dept (empno int, ename string, sal float, comm float) partitioned by (dpno int) row format delimited fields terminated by ',’;

insert into table emp\_dept partition(dpno) select \* from emp;

Check

hadoop fs -ls /user/hive/warehouse/A.db

create table dept\_buckk(empno int, ename string, sal float, comm float, dpno int) clustered by (dpno) into 3 buckets row format delimited fields terminated by ‘,’;

set hive.enforce.bucketing = true;