HIVE practical's

Bin/hive

show databases; it will show all the databases

create database if not exists A;

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 ',';

describe emp;

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

Select * from emp;

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/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/Desktop/empdata' into table ext_emp2;

Partitioning

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

Bucketing

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;