**222BDA41**

**HIVE CODES**

hive

show 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/cloudera/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/cloudera/data/emp’;
* 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;

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;