# 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;