Hive Queries:

//to creating a Database

CREATE database CSC244;

// to display of existing databases

Show databases;

// to use a database

USE CSC244;

// Creating a table in a database.

CREATE TABLE IF NOT EXISTS 244student (Student\_Id INT, Student\_Name STRING, Department STRING)

PARTITIONED BY (DOB DATE)

CLUSTERED BY(Student\_Id) INTO 2 BUCKETS

// Insert Rows into a table

INSERT INTO `244student` partition(DOB='1995-05-02') VALUES('1234','Navya','SE');

INSERT INTO `244student` partition(DOB='1997-02-07') VALUES('2547','Pujitha','CS');

INSERT INTO `244student` partition(DOB='1996-11-04') VALUES('7346','Swetha','EEE');

INSERT INTO `244student` partition(DOB='1995-10-08') VALUES('1947','Shanmukhi','IT');

INSERT INTO `244student` partition(DOB='1995-11-10') VALUES('1245','Divya','CS');

// View table contents

SELECT \* FROM `244student`;

// Group By

SELECT Department, count(\*) FROM 244student GROUP BY Department;

// Order by

SELECT \* FROM `244student` ORDER BY department;

// Limit

SELECT \* FROM `244student` ORDER BY student\_id LIMIT 3;

// Distinct

SELECT DISTINCT department FROM `244student`;

// Having

SELECT student\_id FROM `244student` GROUP BY student\_id HAVING student\_id > '1245';

// Drop table

DROP TABLE IF EXISTS `244student`;

// Drop Database

DROP DATABASE CSC244;

Pig Query:

csc244 = LOAD '/user/demo/player\_salary.csv' USING PigStorage(',') as (Player:chararray,Country:chararray,NBA\_DraftNumber:int,

Salary:chararray,Age:int);

result = GROUP csc244 BY Country;

DUMP result;