**// Checking the databases**

hive> show databases;

OK

custom

default

demo

Time taken: 0.523 seconds, Fetched: 3 row(s)

hive> use demo;

OK

Time taken: 0.033 seconds

**// creating the table with proper fields**

hive> create table employee (name string,technology string,num int,location string)

> row format delimited

> fields terminated by ',';

OK

Time taken: 13.783 seconds

**// Loading the data from Local path in the table employee**

hive> LOAD DATA local INPATH '/home/cloudera/Downloads/emp\_details.txt' into table employee;

Loading data to table demo.employee

Table demo.employee stats: [numFiles=1, totalSize=159]

OK

Time taken: 47.816 seconds

**// displaying the inserted data**

hive> select \* from employee;

OK

Amit Big Data 1 BBSR

Venkat Web Technology 2 BBSR

Aditya DBA 1 BNG

Ravinder Java 2 BBSR

Sunil C# 1 BBSR

Anil ASP 2 BNG

Mihir Big Data 3 BBSR

Mohit Java 1 BBSR

Time taken: 0.247 seconds, Fetched: 8 row(s)

**// Fetching the number of employees per technology using group by**

hive> select technology, count(name) number\_of\_emp from employee group by technology;

Query ID = cloudera\_20171221090606\_6a31f92c-9606-465e-abde-117de49abbe4

Total jobs = 1

Launching Job 1 out of 1

Number of reduce tasks not specified. Estimated from input data size: 1

In order to change the average load for a reducer (in bytes):

set hive.exec.reducers.bytes.per.reducer=<number>

In order to limit the maximum number of reducers:

set hive.exec.reducers.max=<number>

In order to set a constant number of reducers:

set mapreduce.job.reduces=<number>

Starting Job = job\_1513873664811\_0001, Tracking URL = http://quickstart.cloudera:8088/proxy/application\_1513873664811\_0001/

Kill Command = /usr/lib/hadoop/bin/hadoop job -kill job\_1513873664811\_0001

Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1

2017-12-21 09:10:29,930 Stage-1 map = 0%, reduce = 0%

2017-12-21 09:11:08,823 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 1.95 sec

2017-12-21 09:11:27,777 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 3.94 sec

MapReduce Total cumulative CPU time: 3 seconds 940 msec

Ended Job = job\_1513873664811\_0001

MapReduce Jobs Launched:

Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 3.94 sec HDFS Read: 7462 HDFS Write: 52 SUCCESS

Total MapReduce CPU Time Spent: 3 seconds 940 msec

OK

ASP 1

Big Data 2

C# 1

DBA 1

Java 2

Web Technology 1

Time taken: 277.814 seconds, Fetched: 6 row(s)

hive>

