ACD\_BDD2.3\_Session\_7\_Assignment\_1

**Problem Statement**

**Calculate the number of employees corresponding to each skill from the table 'employee' which is loaded in the Demo.**

Solution

**hive> create table employee(name string,skill string,rating int,city string)**

**> row format delimited fields**

**> terminated by ',';**

OK

Time taken: 26.33 seconds

hive> describe employee;

OK

name string

skill string

rating int

city string

Time taken: 10.234 seconds, Fetched: 4 row(s)

**hive> load data local inpath '/home/acadgild/hive\_folder/emp\_details.txt' into table employee;**

Loading data to table default.employee

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

OK

Time taken: 32.748 seconds

**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: 12.788 seconds, Fetched: 8 row(s)

**hive> select skill, count(\*) from employee group by skill;**

Starting Job = job\_1505564459575\_0001, Tracking URL = http://localhost:8088/proxy/application\_1505564459575\_0001/

MapReduce Jobs Launched:

Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 111.47 sec HDFS Read: 379 HDFS Write: 52 SUCCESS

Total MapReduce CPU Time Spent: 1 minutes 51 seconds 470 msec

OK

**ASP 1**

**Big Data 2**

**C# 1**

**DBA 1**

**Java 2**

**Web Technology 1**

Time taken: 1136.66 seconds, Fetched: 6 row(s)