**EXP 2 :**

[cloudera@quickstart ~]$ sudo hive

Logging initialized using configuration in file:/etc/hive/conf.dist/hive-log4j.properties

WARNING: Hive CLI is deprecated and migration to Beeline is recommended.

hive> create database employee;

OK

Time taken: 1.194 seconds

hive> use employee;

OK

Time taken: 0.048 seconds

hive> create table emp\_info(uid INT,uname STRING)

> ROW FORMAT DELIMITED

> FIELDS TERMINATED BY ','

> STORED AS TEXTFILE;

OK

Time taken: 0.281 seconds

hive> DESCRIBE emp\_info;

OK

uid int

uname string

Time taken: 0.205 seconds, Fetched: 2 row(s)

hive> describe formatted emp\_info;

OK

# col\_name data\_type comment

uid int

uname string

# Detailed Table Information

Database: employee

Owner: root

CreateTime: Mon Oct 07 04:16:52 PDT 2019

LastAccessTime: UNKNOWN

Protect Mode: None

Retention: 0

Location: hdfs://quickstart.cloudera:8020/user/hive/warehouse/employee.db/emp\_info

Table Type: MANAGED\_TABLE

Table Parameters:

transient\_lastDdlTime 1570447012

# Storage Information

SerDe Library: org.apache.hadoop.hive.serde2.lazy.LazySimpleSerDe

InputFormat: org.apache.hadoop.mapred.TextInputFormat

OutputFormat: org.apache.hadoop.hive.ql.io.HiveIgnoreKeyTextOutputFormat

Compressed: No

Num Buckets: -1

Bucket Columns: []

Sort Columns: []

Storage Desc Params:

field.delim ,

serialization.format ,

Time taken: 0.089 seconds, Fetched: 28 row(s)

hive> use employee;

OK

Time taken: 0.012 seconds

hive> create table emp\_type(a int,b int)

> ROW FORMAT DELIMITED

> FIELDS TERMINATED BY ','

> STORED AS TEXTFILE;

OK

Time taken: 0.089 seconds

hive> LOAD DATA LOCAL INPATH '/home/cloudera/Desktop/student.txt'

> INTO TABLE emp\_info;

Loading data to table employee.emp\_info

Table employee.emp\_info stats: [numFiles=1, totalSize=43]

OK

Time taken: 0.606 seconds

hive> select \* from emp\_info;

OK

1 akshara

2 aniket

3 karan

4 pawan

5 rahul

Time taken: 0.325 seconds, Fetched: 5 row(s)

hive> select count(1) from emp\_info;

Query ID = root\_20191007042626\_151379e3-4315-4e05-a3d2-0e736f2b4f54

Total jobs = 1

Launching Job 1 out of 1

Number of reduce tasks determined at compile time: 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\_1570446367245\_0001, Tracking URL = http://quickstart.cloudera:8088/proxy/application\_1570446367245\_0001/

Kill Command = /usr/lib/hadoop/bin/hadoop job -kill job\_1570446367245\_0001

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

2019-10-07 04:26:59,009 Stage-1 map = 0%, reduce = 0%

2019-10-07 04:27:06,595 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 0.9 sec

2019-10-07 04:27:15,184 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 1.98 sec

MapReduce Total cumulative CPU time: 1 seconds 980 msec

Ended Job = job\_1570446367245\_0001

MapReduce Jobs Launched:

Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 1.98 sec HDFS Read: 7389 HDFS Write: 2 SUCCESS

Total MapReduce CPU Time Spent: 1 seconds 980 msec

OK

5

Time taken: 27.738 seconds, Fetched: 1 row(s)