

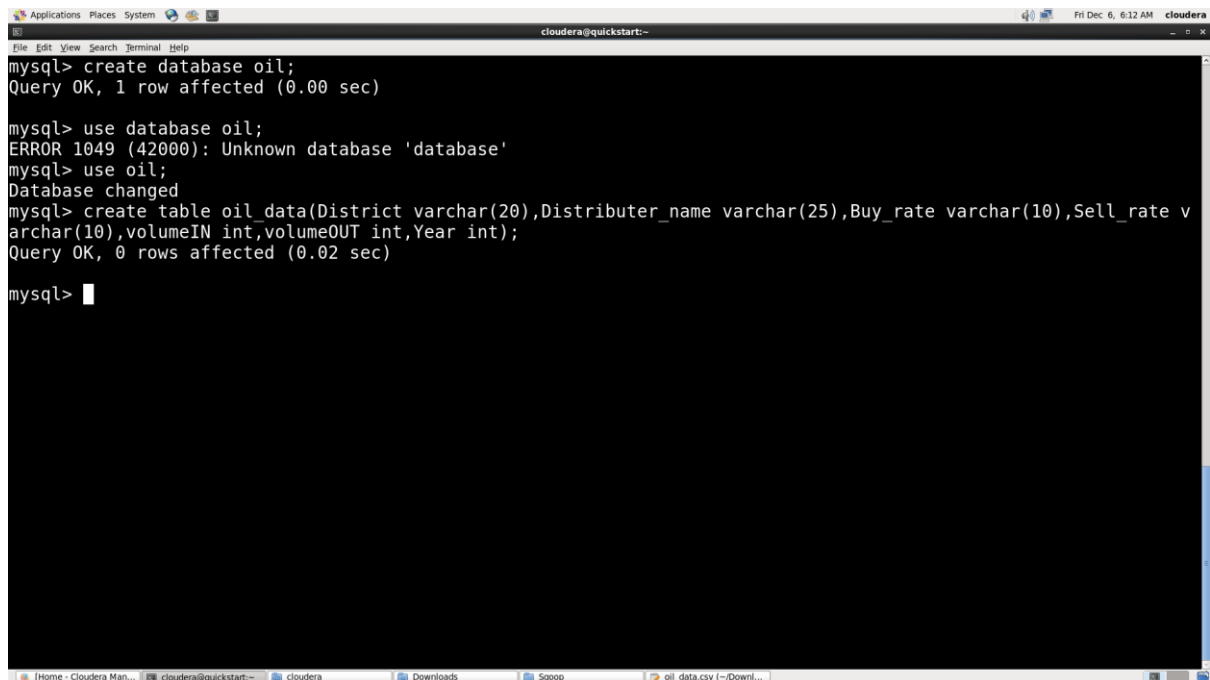
SQOOP

Name : Aniket Walse

Roll : 41

Lab 1.

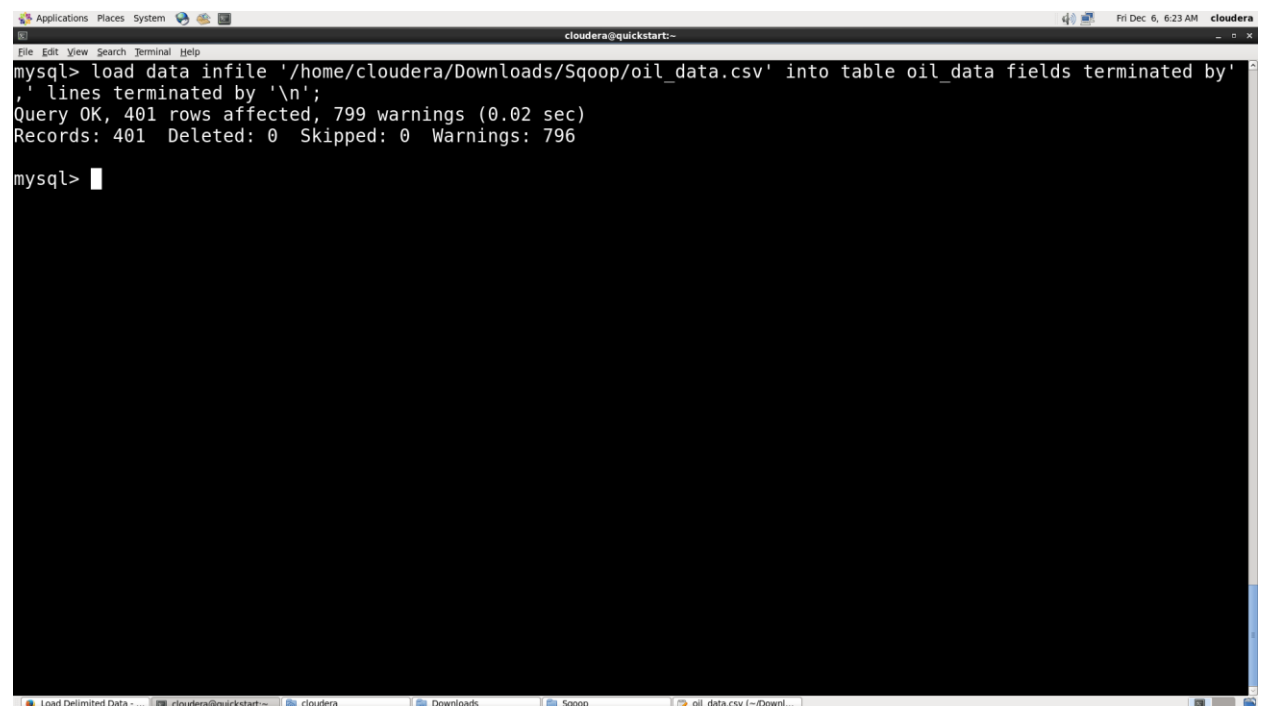
1. Create database and table in Mysql according to oil dataset.



```
mysql> create database oil;
Query OK, 1 row affected (0.00 sec)

mysql> use database oil;
ERROR 1049 (42000): Unknown database 'database'
mysql> use oil;
Database changed
mysql> create table oil_data(District varchar(20),Distributer_name varchar(25),Buy_rate varchar(10),Sell_rate v
archar(10),volumeIN int,volumeOUT int,Year int);
Query OK, 0 rows affected (0.02 sec)

mysql>
```



```
mysql> load data infile '/home/cloudera/Downloads/Sqoop/oil_data.csv' into table oil_data fields terminated by '
,' lines terminated by '\n';
Query OK, 401 rows affected, 799 warnings (0.02 sec)
Records: 401 Deleted: 0 Skipped: 0 Warnings: 796

mysql>
```

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```
mysql> load data infile '/home/cloudera/Downloads/Sqoop/oil_data.csv' into table oil_data fields terminated by '
,' lines terminated by '\n';
Query OK, 400 rows affected, 794 warnings (0.01 sec)
Records: 400 Deleted: 0 Skipped: 0 Warnings: 794

mysql> select * from oil_data;
```

District	Distributer_name	Buy_rate	Sell_rate	volumeIN	volumeOUT	Year
I4N 1M1	Shell	\$957.70	"\$5	780	933	843
Z70 7C2	BP	\$830.03	"\$1	393	1067	722
T6Q 0L9	Aramco	\$994.57	"\$11	766	1039	805
S1J 8B8	Shell	\$881.25	"\$10	345	1066	657
O5C 2A0	BP	\$867.67	"\$11	142	1097	839
F2C 6A5	Aramco	\$820.48	"\$11	993	996	891
U6Z 9L5	Aramco	\$817.12	"\$2	106	1087	845
K5F 7T2	Aramco	\$853.94	"\$1	936	959	865
G3A 8D8	Aramco	\$839.71	"\$8	190	979	739
V6A 9B9	Aramco	\$826.84	"\$3	120	1023	797
Y9L 7F1	Aramco	\$974.48	"\$5	479	965	827
E60 9P1	Aramco	\$943.70	"\$9	163	939	895
C7W 9P0	Aramco	\$941.51	"\$2	522	913	617
O0M 5Y1	Aramco	\$806.40	"\$6	591	1016	812
S0W 4D3	Aramco	\$843.52	"\$10	708	1079	822
L8E 6S8	Aramco	\$824.07	"\$5	226	1054	838
L0E 3D3	Aramco	\$811.60	"\$6	712	964	814
I4J 3R2	Aramco	\$927.24	"\$6	438	995	822
K9E 1R2	BP	\$851.99	"\$9	664	1041	787
T6D 8L6	BP	\$941.84	"\$3	657	1053	761

2. Sqoop import oil data into HDFS as parquet file.

```
[cloudera@quickstart ~]$ sqoop import --connect jdbc:mysql://localhost/oil --table oil_data --username root --p
assword cloudera -m 1 --as-parquetfile;
Warning: /usr/lib/sqoop/./accumulo does not exist! Accumulo imports will fail.
Please set $ACCUMULO_HOME to the root of your Accumulo installation.
19/12/06 06:38:08 INFO sqoop.Sqoop: Running Sqoop version: 1.4.6-cdh5.13.0
19/12/06 06:38:08 WARN tool.BaseSqoopTool: Setting your password on the command-line is insecure. Consider usin
g -P instead.
19/12/06 06:38:08 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.
19/12/06 06:38:09 INFO tool.CodeGenTool: Beginning code generation
19/12/06 06:38:09 INFO tool.CodeGenTool: Will generate java class as codegen_oil_data
19/12/06 06:38:09 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `oil_data` AS t LIMIT 1
19/12/06 06:38:09 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `oil_data` AS t LIMIT 1
19/12/06 06:38:09 INFO orm.CompilationManager: HADOOP_MAPRED_HOME is /usr/lib/hadoop-mapreduce
Note: /tmp/sqoop-cloudera/compile/67617e43118fb016845d03819db2ebd9/codegen_oil_data.java uses or overrides a de
precated API.
Note: Recompile with -Xlint:deprecation for details.
19/12/06 06:38:13 INFO orm.CompilationManager: Writing jar file: /tmp/sqoop-cloudera/compile/67617e43118fb01684
5d03819db2ebd9/codegen_oil_data.jar
19/12/06 06:38:13 WARN manager.MySQLManager: It looks like you are importing from mysql.
19/12/06 06:38:13 WARN manager.MySQLManager: This transfer can be faster! Use the --direct
19/12/06 06:38:13 WARN manager.MySQLManager: option to exercise a MySQL-specific fast path.
19/12/06 06:38:13 INFO manager.MySQLManager: Setting zero DATETIME behavior to convertToNull (mysql)
19/12/06 06:38:13 INFO mapreduce.ImportJobBase: Beginning import of oil_data
19/12/06 06:38:13 INFO Configuration.deprecation: mapred.jar is deprecated. Instead, use mapreduce.job.jar
```

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```
cloudera@quickstart:~$
19/12/06 06:38:18 INFO Configuration.deprecation: mapred.map.tasks is deprecated. Instead, use mapreduce.job.map
ps
19/12/06 06:38:18 INFO client.RMPProxy: Connecting to ResourceManager at quickstart.cloudera/192.168.28.129:8032
19/12/06 06:38:22 INFO db.DBInputFormat: Using read committed transaction isolation
19/12/06 06:38:22 INFO mapreduce.JobSubmitter: number of splits:1
19/12/06 06:38:22 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1575641100831_0001
19/12/06 06:38:23 INFO impl.YarnClientImpl: Submitted application application_1575641100831_0001
19/12/06 06:38:24 INFO mapreduce.Job: The url to track the job: http://quickstart.cloudera:8088/proxy/applicati
on_1575641100831_0001/
19/12/06 06:38:24 INFO mapreduce.Job: Running job: job_1575641100831_0001
19/12/06 06:38:41 INFO mapreduce.Job: Job job_1575641100831_0001 running in uber mode : false
19/12/06 06:38:41 INFO mapreduce.Job: map 0% reduce 0%
19/12/06 06:38:56 INFO mapreduce.Job: map 100% reduce 0%
19/12/06 06:38:57 INFO mapreduce.Job: Job job_1575641100831_0001 completed successfully
19/12/06 06:38:57 INFO mapreduce.Job: Counters: 30
  File System Counters
    FILE: Number of bytes read=0
    FILE: Number of bytes written=173426
    FILE: Number of read operations=0
    FILE: Number of large read operations=0
    FILE: Number of write operations=0
    HDFS: Number of bytes read=10752
    HDFS: Number of bytes written=14090
    HDFS: Number of read operations=68
    HDFS: Number of large read operations=0
    HDFS: Number of write operations=10
  Job Counters
    Launched map tasks=1
    Other local map tasks=1
```

```
cloudera@quickstart:~$
  HDFS: Number of large read operations=0
  HDFS: Number of write operations=10
  Job Counters
    Launched map tasks=1
    Other local map tasks=1
    Total time spent by all maps in occupied slots (ms)=5968896
    Total time spent by all reduces in occupied slots (ms)=0
    Total time spent by all map tasks (ms)=11658
    Total vcore-milliseconds taken by all map tasks=11658
    Total megabyte-milliseconds taken by all map tasks=5968896
  Map-Reduce Framework
    Map input records=400
    Map output records=400
    Input split bytes=87
    Spilled Records=0
    Failed Shuffles=0
    Merged Map outputs=0
    GC time elapsed (ms)=607
    CPU time spent (ms)=4630
    Physical memory (bytes) snapshot=165617664
    Virtual memory (bytes) snapshot=757239808
    Total committed heap usage (bytes)=48234496
  File Input Format Counters
    Bytes Read=0
  File Output Format Counters
    Bytes Written=0
19/12/06 06:38:57 INFO mapreduce.ImportJobBase: Transferred 13.7598 KB in 39.0926 seconds (360.4259 bytes/sec)
19/12/06 06:38:57 INFO mapreduce.ImportJobBase: Retrieved 400 records.
[cloudera@quickstart ~]$
```

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3. Verify parquet file is created.

```
Applications Places System cloudera@quickstart:~$ hdfs dfs -ls /user/cloudera/
Found 5 items
drwx----- - cloudera cloudera      0 2019-12-06 06:33 /user/cloudera/.Trash
drwx----- - cloudera cloudera      0 2019-12-06 06:38 /user/cloudera/.staging
drwxr-xr-x - cloudera cloudera      0 2019-12-06 06:38 /user/cloudera/oil_data
-rw-r--r-- 1 cloudera cloudera    764 2019-12-05 01:25 /user/cloudera/sample
-rw-r--r-- 1 cloudera cloudera      0 2019-12-05 01:19 /user/cloudera/test
cloudera@quickstart ~$ hdfs dfs -ls /user/cloudera/oil_data
Found 3 items
drwxr-xr-x - cloudera cloudera      0 2019-12-06 06:38 /user/cloudera/oil_data/.metadata
drwxr-xr-x - cloudera cloudera      0 2019-12-06 06:38 /user/cloudera/oil_data/.signals
-rw-r--r-- 1 cloudera cloudera 11554 2019-12-06 06:38 /user/cloudera/oil_data/fd744600-ae2d-40e4-9e92-d81f86d47559.parquet
cloudera@quickstart ~$
```

Hue - File Browser - Mozilla Firefox

Home - Cloudera Manager - Hue - File Browser

Search data and saved documents...

Jobs cloudera

File Browser

View as binary

Stop preview

Download

View file location

Refresh

Last modified 12/06/2019 2:38 PM

User cloudera

Group cloudera

Size 11.28 KB

Mode 100644

Home / user / cloudera / oil_data / fd744600-ae2d-40e4-9e92-d81f86d47559.parquet

Output rendered from compressed parquet file.

```
{
  "Distributor_name": "Shell",
  "District": "I4N1M1",
  "volumeIN": 788,
  "volumeOUT": 933,
  "Sell_rate": "155",
  "Year": 843,
  "Buy_rate": "5957.70"
}
{"Distributor_name": "BP", "District": "T270.702", "volumeIN": 393, "volumeOUT": 1867, "Sell_rate": "151", "Year": 722, "Buy_rate": "5830.83" }
{"Distributor_name": "Aramco", "District": "T60.8L9", "volumeIN": 766, "volumeOUT": 1839, "Sell_rate": "1511", "Year": 885, "Buy_rate": "5994.37" }
{"Distributor_name": "Shell", "District": "S14.888", "volumeIN": 345, "volumeOUT": 1866, "Sell_rate": "1508", "Year": 657, "Buy_rate": "5681.25" }
{"Distributor_name": "BP", "District": "O5C.248", "volumeIN": 142, "volumeOUT": 1897, "Sell_rate": "1511", "Year": 839, "Buy_rate": "5867.67" }
{"Distributor_name": "Aramco", "District": "F2C.6A5", "volumeIN": 993, "volumeOUT": 996, "Sell_rate": "1511", "Year": 891, "Buy_rate": "5820.48" }
{"Distributor_name": "Aramco", "District": "U6Z.9L5", "volumeIN": 186, "volumeOUT": 1887, "Sell_rate": "152", "Year": 845, "Buy_rate": "5817.12" }
{"Distributor_name": "Aramco", "District": "K5F.7T2", "volumeIN": 936, "volumeOUT": 959, "Sell_rate": "151", "Year": 865, "Buy_rate": "5853.94" }
{"Distributor_name": "Aramco", "District": "G3A.808", "volumeIN": 198, "volumeOUT": 979, "Sell_rate": "158", "Year": 739, "Buy_rate": "5839.71" }
{"Distributor_name": "Aramco", "District": "V6A.389", "volumeIN": 128, "volumeOUT": 1823, "Sell_rate": "153", "Year": 797, "Buy_rate": "5826.44" }
{"Distributor_name": "Aramco", "District": "Y9L.7F1", "volumeIN": 479, "volumeOUT": 965, "Sell_rate": "155", "Year": 827, "Buy_rate": "5974.48" }
{"Distributor_name": "Aramco", "District": "E6G.9P1", "volumeIN": 163, "volumeOUT": 939, "Sell_rate": "159", "Year": 895, "Buy_rate": "5943.70" }
{"Distributor_name": "Aramco", "District": "C7W.9F0", "volumeIN": 522, "volumeOUT": 913, "Sell_rate": "15", "Year": 617, "Buy_rate": "5941.51" }
{"Distributor_name": "Aramco", "District": "O8H.5Y1", "volumeIN": 591, "volumeOUT": 1816, "Sell_rate": "156", "Year": 812, "Buy_rate": "5886.48" }
{"Distributor_name": "Aramco", "District": "S8W.4D3", "volumeIN": 788, "volumeOUT": 1879, "Sell_rate": "1510", "Year": 822, "Buy_rate": "5843.52" }
{"Distributor_name": "Aramco", "District": "L8E.658", "volumeIN": 226, "volumeOUT": 1854, "Sell_rate": "155", "Year": 838, "Buy_rate": "5824.07" }
{"Distributor_name": "Aramco", "District": "L8E.3B3", "volumeIN": 712, "volumeOUT": 964, "Sell_rate": "156", "Year": 814, "Buy_rate": "5811.60" }
{"Distributor_name": "Aramco", "District": "I4J.3R2", "volumeIN": 438, "volumeOUT": 995, "Sell_rate": "156", "Year": 822, "Buy_rate": "5927.24" }
{"Distributor_name": "BP", "District": "K9E.182", "volumeIN": 664, "volumeOUT": 1841, "Sell_rate": "159", "Year": 787, "Buy_rate": "5851.99" }
{"Distributor_name": "BP", "District": "T60.8L6", "volumeIN": 657, "volumeOUT": 1853, "Sell_rate": "153", "Year": 761, "Buy_rate": "5941.84" }
{"Distributor_name": "BP", "District": "T020.2X9", "volumeIN": 279, "volumeOUT": 1871, "Sell_rate": "1511", "Year": 670, "Buy_rate": "5945.72" }
{"Distributor_name": "BP", "District": "C1V.3X9", "volumeIN": 459, "volumeOUT": 968, "Sell_rate": "1511", "Year": 869, "Buy_rate": "5921.88" }
{"Distributor_name": "BP", "District": "F50.8T2", "volumeIN": 477, "volumeOUT": 1896, "Sell_rate": "158", "Year": 613, "Buy_rate": "5843.88" }
{"Distributor_name": "BP", "District": "P3L.7H3", "volumeIN": 993, "volumeOUT": 687, "Sell_rate": "1541.45", "Year": 1647, "Buy_rate": "5923.54" }
{"Distributor_name": "BP", "District": "O8U.9C9", "volumeIN": 465, "volumeOUT": 992, "Sell_rate": "1518", "Year": 720, "Buy_rate": "5823.81" }
{"Distributor_name": "BP", "District": "F9W.5Z8", "volumeIN": 382, "volumeOUT": 983, "Sell_rate": "155", "Year": 849, "Buy_rate": "5929.88" }
{"Distributor_name": "BP", "District": "K3B.780", "volumeIN": 148, "volumeOUT": 964, "Sell_rate": "151", "Year": 884, "Buy_rate": "5971.72" }
{"Distributor_name": "BP", "District": "P3Q.809", "volumeIN": 583, "volumeOUT": 940, "Sell_rate": "1511", "Year": 618, "Buy_rate": "5976.39" }
{"Distributor_name": "BP", "District": "K0X.585", "volumeIN": 937, "volumeOUT": 888, "Sell_rate": "154", "Year": 734, "Buy_rate": "5897.66" }
```

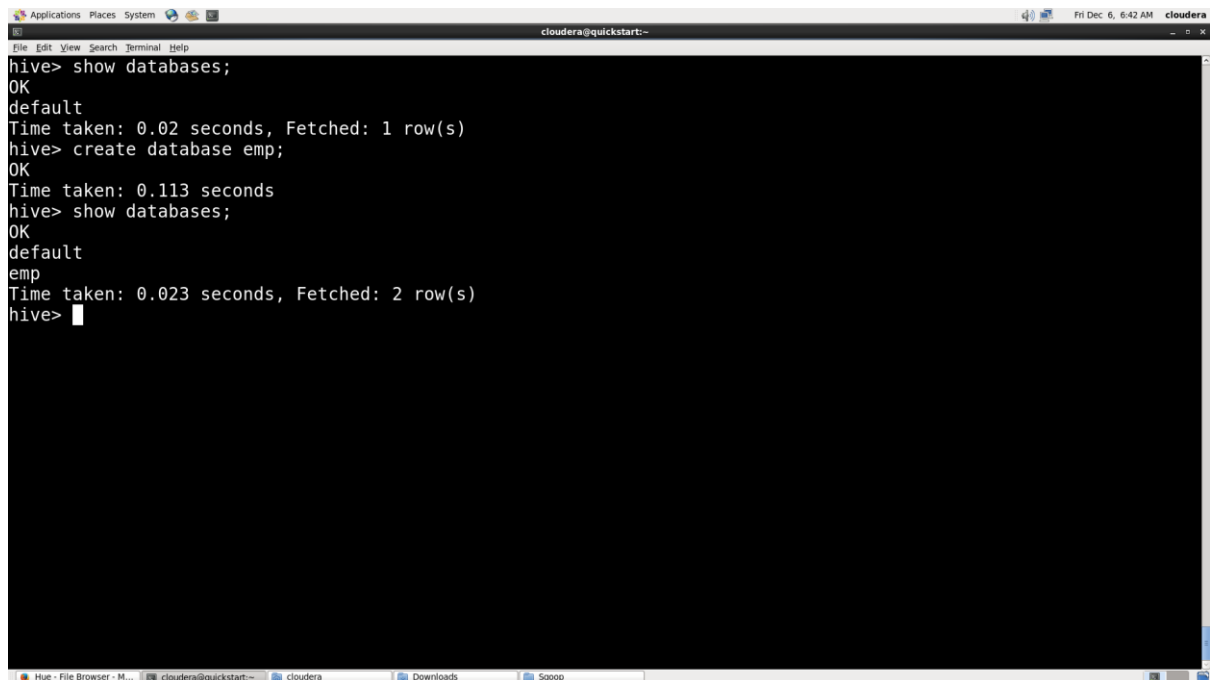
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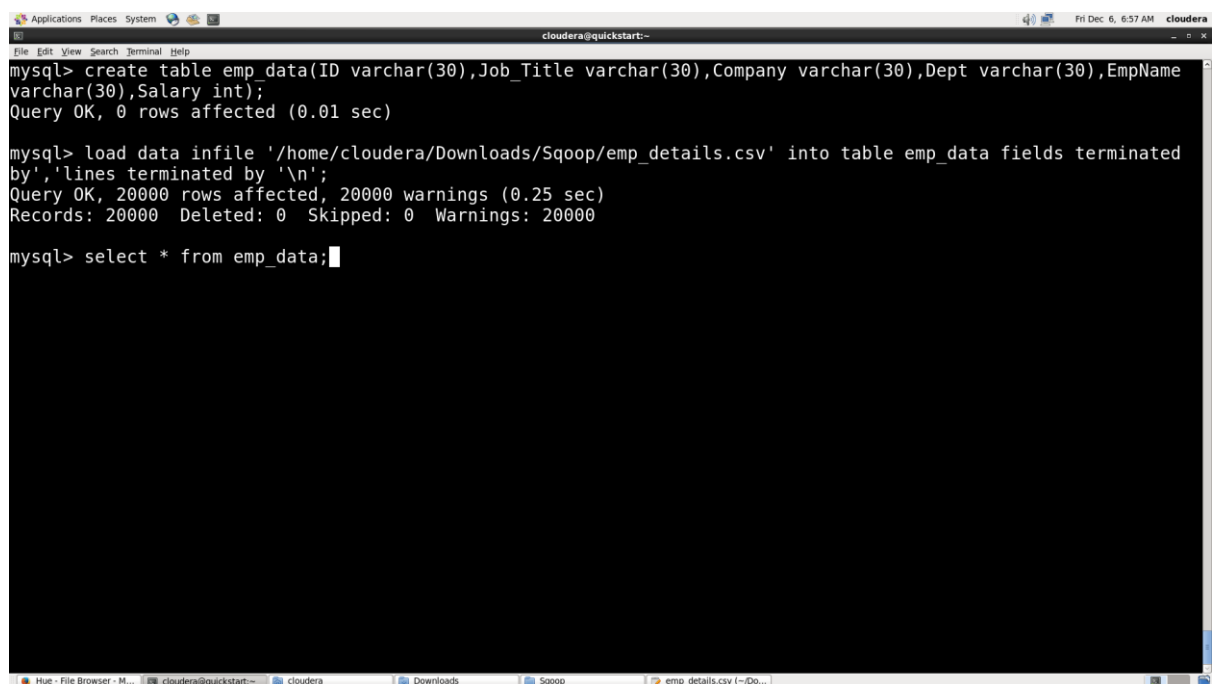
Lab 2.

1. Create a database in hive for storing emp details.



```
cloudera@quickstart:~$ hive
hive> show databases;
OK
default
Time taken: 0.02 seconds, Fetched: 1 row(s)
hive> create database emp;
OK
Time taken: 0.113 seconds
hive> show databases;
OK
default
emp
Time taken: 0.023 seconds, Fetched: 2 row(s)
hive>
```

2. Create a mysql database and table for storing emp_details dataset.



```
cloudera@quickstart:~$ mysql
mysql> create table emp_data(ID varchar(30),Job_Title varchar(30),Company varchar(30),Dept varchar(30),EmpName
varchar(30),Salary int);
Query OK, 0 rows affected (0.01 sec)

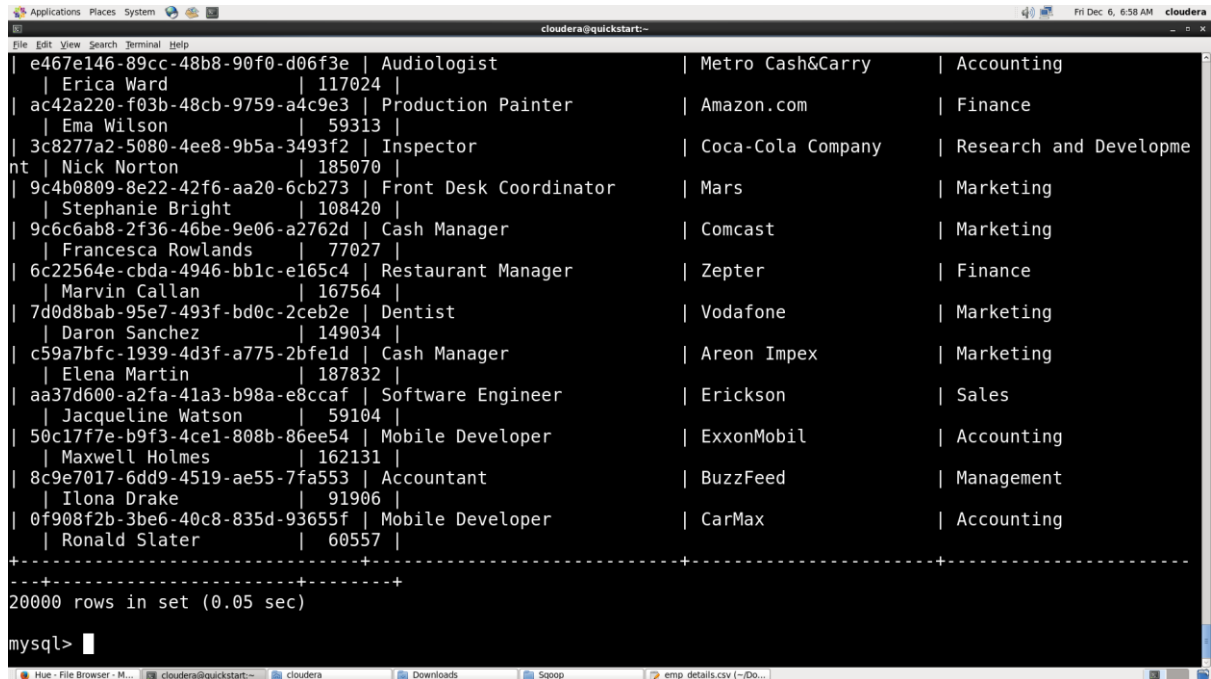
mysql> load data infile '/home/cloudera/Downloads/Sqoop/emp_details.csv' into table emp_data fields terminated
by ',' lines terminated by '\n';
Query OK, 20000 rows affected, 20000 warnings (0.25 sec)
Records: 20000 Deleted: 0 Skipped: 0 Warnings: 20000

mysql> select * from emp_data;
```

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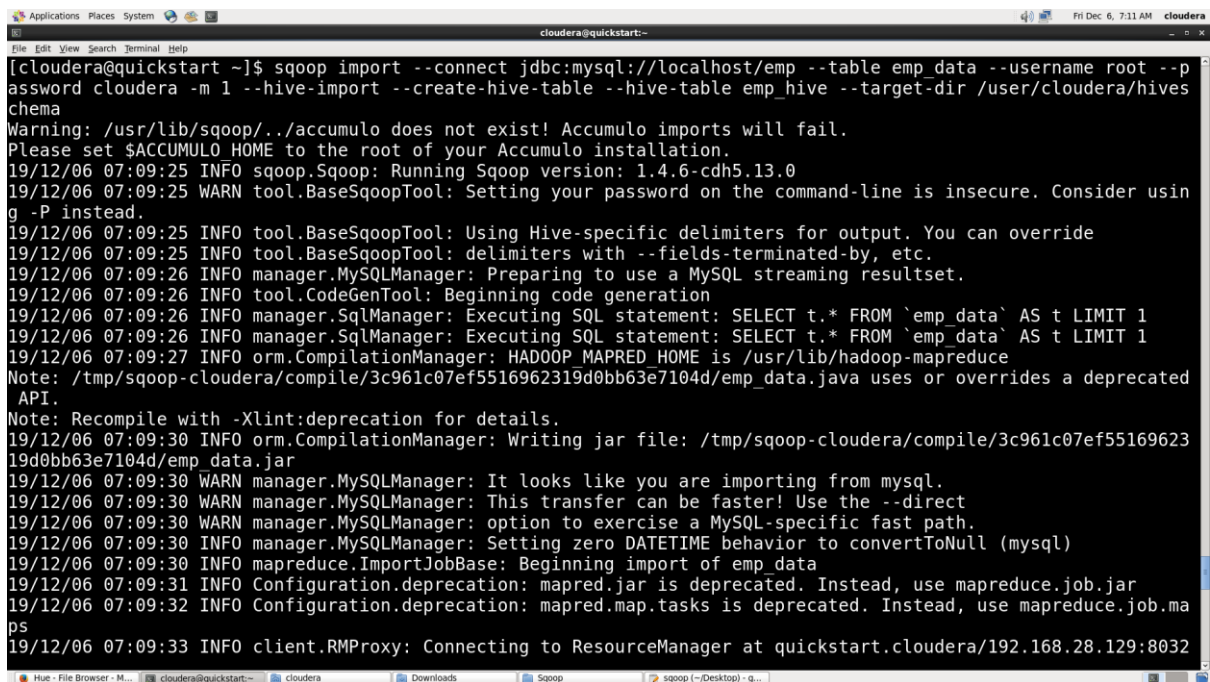


```
cloudera@quickstart:~$ sqoop import --connect jdbc:mysql://localhost/emp --table emp_data --username root --password cloudera -m 1 --hive-import --create-hive-table --hive-table emp_hive --target-dir /user/cloudera/hiveschema

Warning: /usr/lib/sqoop/./accumulo does not exist! Accumulo imports will fail.
Please set $ACCUMULO_HOME to the root of your Accumulo installation.
19/12/06 07:09:25 INFO sqoop.Sqoop: Running Sqoop version: 1.4.6-cdh5.13.0
19/12/06 07:09:25 WARN tool.BaseSqoopTool: Setting your password on the command-line is insecure. Consider using -P instead.
19/12/06 07:09:25 INFO tool.BaseSqoopTool: Using Hive-specific delimiters for output. You can override
19/12/06 07:09:25 INFO tool.BaseSqoopTool: delimiters with --fields-terminated-by, etc.
19/12/06 07:09:26 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.
19/12/06 07:09:26 INFO tool.CodeGenTool: Beginning code generation
19/12/06 07:09:26 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `emp_data` AS t LIMIT 1
19/12/06 07:09:26 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `emp_data` AS t LIMIT 1
19/12/06 07:09:27 INFO orm.CompilationManager: HADOOP_MAPRED_HOME is /usr/lib/hadoop-mapreduce
Note: /tmp/sqoop-cloudera/compile/3c961c07ef5516962319d0bb63e7104d/emp_data.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
19/12/06 07:09:30 INFO orm.CompilationManager: Writing jar file: /tmp/sqoop-cloudera/compile/3c961c07ef5516962319d0bb63e7104d/emp_data.jar
19/12/06 07:09:30 WARN manager.MySQLManager: It looks like you are importing from mysql.
19/12/06 07:09:30 WARN manager.MySQLManager: This transfer can be faster! Use the --direct
19/12/06 07:09:30 WARN manager.MySQLManager: option to exercise a MySQL-specific fast path.
19/12/06 07:09:30 INFO manager.MySQLManager: Setting zero DATETIME behavior to convertToNull (mysql)
19/12/06 07:09:30 INFO mapreduce.ImportJobBase: Beginning import of emp_data
19/12/06 07:09:31 INFO Configuration.deprecation: mapred.jar is deprecated. Instead, use mapreduce.job.jar
19/12/06 07:09:32 INFO Configuration.deprecation: mapred.map.tasks is deprecated. Instead, use mapreduce.job.map.tasks
19/12/06 07:09:33 INFO client.RMProxy: Connecting to ResourceManager at quickstart.cloudera/192.168.28.129:8032

mysql>
```

3. Sqoop import emp details data into hive table.



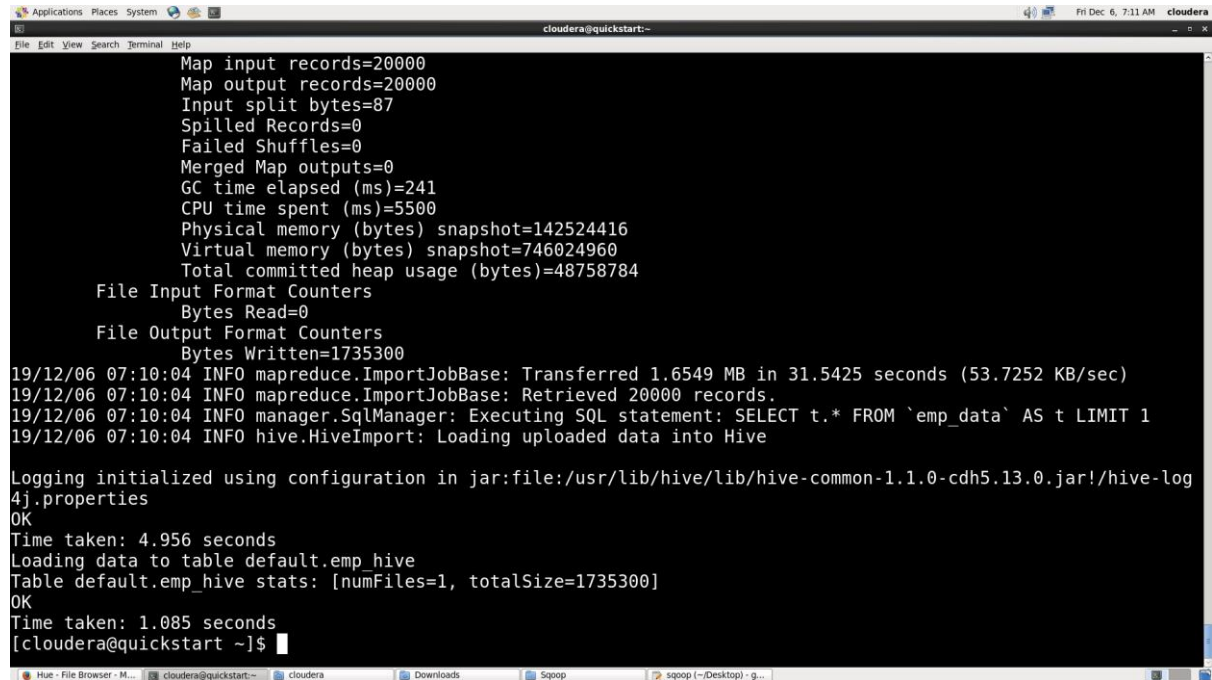
```
cloudera@quickstart:~$ sqoop import --connect jdbc:mysql://localhost/emp --table emp_data --username root --password cloudera -m 1 --hive-import --create-hive-table --hive-table emp_hive --target-dir /user/cloudera/hiveschema

Warning: /usr/lib/sqoop/./accumulo does not exist! Accumulo imports will fail.
Please set $ACCUMULO_HOME to the root of your Accumulo installation.
19/12/06 07:09:25 INFO sqoop.Sqoop: Running Sqoop version: 1.4.6-cdh5.13.0
19/12/06 07:09:25 WARN tool.BaseSqoopTool: Setting your password on the command-line is insecure. Consider using -P instead.
19/12/06 07:09:25 INFO tool.BaseSqoopTool: Using Hive-specific delimiters for output. You can override
19/12/06 07:09:25 INFO tool.BaseSqoopTool: delimiters with --fields-terminated-by, etc.
19/12/06 07:09:26 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.
19/12/06 07:09:26 INFO tool.CodeGenTool: Beginning code generation
19/12/06 07:09:26 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `emp_data` AS t LIMIT 1
19/12/06 07:09:26 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `emp_data` AS t LIMIT 1
19/12/06 07:09:27 INFO orm.CompilationManager: HADOOP_MAPRED_HOME is /usr/lib/hadoop-mapreduce
Note: /tmp/sqoop-cloudera/compile/3c961c07ef5516962319d0bb63e7104d/emp_data.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
19/12/06 07:09:30 INFO orm.CompilationManager: Writing jar file: /tmp/sqoop-cloudera/compile/3c961c07ef5516962319d0bb63e7104d/emp_data.jar
19/12/06 07:09:30 WARN manager.MySQLManager: It looks like you are importing from mysql.
19/12/06 07:09:30 WARN manager.MySQLManager: This transfer can be faster! Use the --direct
19/12/06 07:09:30 WARN manager.MySQLManager: option to exercise a MySQL-specific fast path.
19/12/06 07:09:30 INFO manager.MySQLManager: Setting zero DATETIME behavior to convertToNull (mysql)
19/12/06 07:09:30 INFO mapreduce.ImportJobBase: Beginning import of emp_data
19/12/06 07:09:31 INFO Configuration.deprecation: mapred.jar is deprecated. Instead, use mapreduce.job.jar
19/12/06 07:09:32 INFO Configuration.deprecation: mapred.map.tasks is deprecated. Instead, use mapreduce.job.map.tasks
19/12/06 07:09:33 INFO client.RMProxy: Connecting to ResourceManager at quickstart.cloudera/192.168.28.129:8032
```


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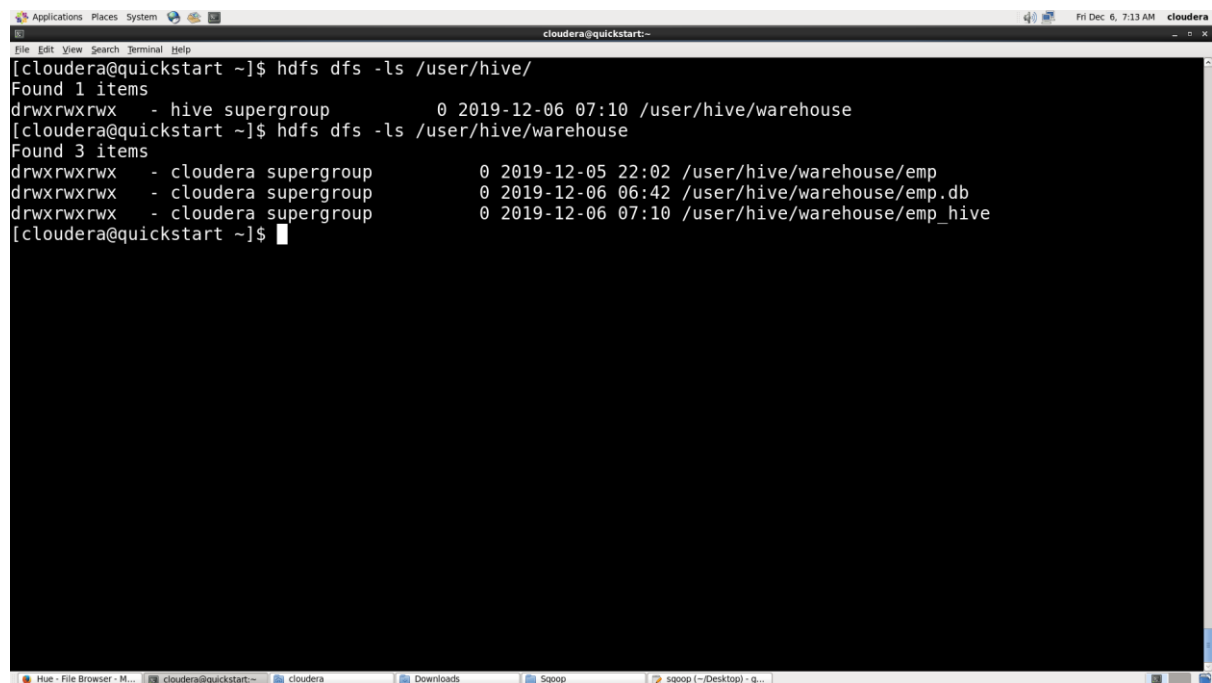
A terminal window titled 'cloudera@quickstart:~' showing the output of a Sqoop job. The output includes statistics for mapreduce.ImportJobBase, file input/output format counters, and logging information. The job successfully loaded data into the Hive table 'default.emp_hive'.

```
Map input records=20000
Map output records=20000
Input split bytes=87
Spilled Records=0
Failed Shuffles=0
Merged Map outputs=0
GC time elapsed (ms)=241
CPU time spent (ms)=5500
Physical memory (bytes) snapshot=142524416
Virtual memory (bytes) snapshot=746024960
Total committed heap usage (bytes)=48758784

File Input Format Counters
  Bytes Read=0
File Output Format Counters
  Bytes Written=1735300
19/12/06 07:10:04 INFO mapreduce.ImportJobBase: Transferred 1.6549 MB in 31.5425 seconds (53.7252 KB/sec)
19/12/06 07:10:04 INFO mapreduce.ImportJobBase: Retrieved 20000 records.
19/12/06 07:10:04 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `emp_data` AS t LIMIT 1
19/12/06 07:10:04 INFO hive.HiveImport: Loading uploaded data into Hive

Logging initialized using configuration in jar:file:/usr/lib/hive/lib/hive-common-1.1.0-cdh5.13.0.jar!/hive-log4j.properties
OK
Time taken: 4.956 seconds
Loading data to table default.emp_hive
Table default.emp_hive stats: [numFiles=1, totalSize=1735300]
OK
Time taken: 1.085 seconds
[cloudera@quickstart ~]$
```

4. Verify if hive table is created and data has been loaded.

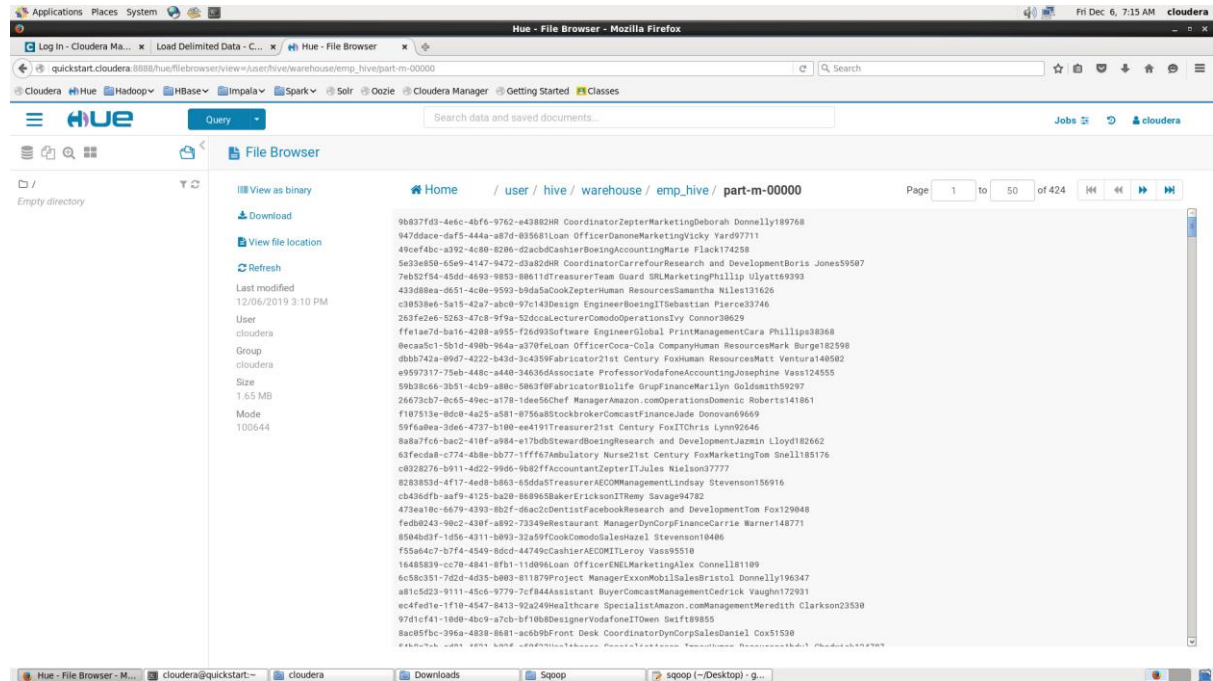
A terminal window titled 'cloudera@quickstart:~' showing the verification of the Hive table and its data in HDFS. The user runs 'hdfs dfs -ls /user/hive/' and 'hdfs dfs -ls /user/hive/warehouse' to list the files and their metadata.

```
[cloudera@quickstart ~]$ hdfs dfs -ls /user/hive/
Found 1 items
drwxrwxrwx - hive supergroup          0 2019-12-06 07:10 /user/hive/warehouse
[cloudera@quickstart ~]$ hdfs dfs -ls /user/hive/warehouse
Found 3 items
drwxrwxrwx - cloudera supergroup      0 2019-12-05 22:02 /user/hive/warehouse/emp
drwxrwxrwx - cloudera supergroup      0 2019-12-06 06:42 /user/hive/warehouse/emp.db
drwxrwxrwx - cloudera supergroup      0 2019-12-06 07:10 /user/hive/warehouse/emp_hive
[cloudera@quickstart ~]$
```

SQOOP

Name : Aniket Walse

Roll : 41



The screenshot shows the Hue File Browser interface in a Mozilla Firefox browser window. The address bar displays the URL: `quickstart.cloudera:8888/hue/filebrowser/view=/user/hive/warehouse/emp_hive/part-m-00000`. The interface includes a top navigation bar with the Hue logo and a search bar. Below the navigation bar, there is a sidebar with icons for file management (view, download, refresh, etc.) and a main content area displaying a list of files. The files are listed in a table with columns for file name, size, and modification date. The files are sorted by modification date, showing the most recent files at the top. The interface also includes a bottom status bar with tabs for the current file and other open files.

File Name	Size	Modification Date
9b837f3d-466c-4bf6-9762-e43882HR_CoordinatorZepherMarketingBeborah_Donnelly189768		12/06/2019 3:10 PM
947ddace-da75-444a-a87d-835681Loan_OfficerDanoneMarketingVicky_Yard97711		12/06/2019 3:10 PM
49cecf4bc-a392-4c80-8286-d2acbdCashierBoeingAccountingMarie_Flack174258		12/06/2019 3:10 PM
5a33a898-65e9-4147-9472-d3a82dHR_CoordinatorCarrefourResearch_and_DevelopmentBoris_Jones59587		12/06/2019 3:10 PM
7a855f5a-435d-4d93-9853-8861b0TreasurerTeam_Guard_SRLMarketingPhillip_Ulyatt69393		12/06/2019 3:10 PM
432d88ea-d651-4c8a-9593-b9da5aCookZepherHuman_ResourcesSamantha_Willes131626		12/06/2019 3:10 PM
c30538a6-5a15-42a7-abc0-97c143Design_EngineerBoeingITSebastian_Pierce33746		12/06/2019 3:10 PM
263fe2ae-5263-47c8-9f9a-52dccaLecturerComodoOperationsIvy_Comor38629		12/06/2019 3:10 PM
ffefae7d-ba16-4208-a955-f2cd93Software_EngineerGlobal_PrintManagementCara_Phillips38368		12/06/2019 3:10 PM
0ecaa5c1-5b1d-4980-964a-a370feLoan_OfficerCoca-Cola_CompanyHuman_ResourcesMark_Burge182598		12/06/2019 3:10 PM
dbbb742a-09d7-4222-b43d-3c4399Fabricator21st_Century_FoxHuman_ResourcesMatt_Ventura148582		12/06/2019 3:10 PM
e9597317-75ab-448c-a44b-34c36dAssociate_ProfessorVodafoneAccountingJosephine_Vass124555		12/06/2019 3:10 PM
59b38c66-3b51-4c09-a88c-5863f9FabricatorBioLife_GroupFinanceMarilyn_Goldsmith59297		12/06/2019 3:10 PM
26673cb7-0c65-49ec-a178-1dee5eChief_ManagerAmazon.comOperationsDomenic_Roberts141861		12/06/2019 3:10 PM
f107513e-8dc0-4a25-a581-0756a8StockbrokerComcastFinanceJade_Donovan69669		12/06/2019 3:10 PM
59f6a8ea-3de6-4737-b180-ee4191Treasurer21st_Century_FoxITChris_Lynn92646		12/06/2019 3:10 PM
8a8a7f6c-bac2-410f-a984-e17bcbStewardBoeingResearch_and_DevelopmentJazmin_Lloyd182662		12/06/2019 3:10 PM
63fecda8-c774-4b8e-bb77-1ffff6Ambulatory_Nurse21st_Century_FoxMarketingTom_Snell1185176		12/06/2019 3:10 PM
c8328276-b911-4d22-9906-9082ffAccountantZepherITJulie_Wielon37777		12/06/2019 3:10 PM
8283853d-4f17-4e08-b863-65dda5TreasurerAECOMManagementLindsay_Stevenson156916		12/06/2019 3:10 PM
cb436dfb-aaf9-4125-ba20-868965BakerEricksonITRemy_Savage94782		12/06/2019 3:10 PM
473ea10c-6679-4393-8b2f-d8ac2cDentistFaceBookResearch_and_DevelopmentTom_Fox129048		12/06/2019 3:10 PM
fedb0243-98c2-430f-a892-73349eRestaurant_ManagerDynCorpFinanceCarrie_Warner148771		12/06/2019 3:10 PM
8504bd3f-1d56-4311-b893-32a59fCookComodoSalesHazel_Stevenson10406		12/06/2019 3:10 PM
f55a64c7-b774-4549-8dcd-44749cCashierAEDOMITLeroy_Vass95518		12/06/2019 3:10 PM
16485839-cc70-4841-0191-11d896Loan_OfficerENLMarketingIlen_Connell181189		12/06/2019 3:10 PM
6c58c351-7d2d-4d35-b803-811879Project_ManagerExxonMobilSalesBristol_Donnelly196347		12/06/2019 3:10 PM
a81c5d23-9111-45c6-9779-7cf844Assistant_BuyerComcastManagementCedrick_Vaughn172931		12/06/2019 3:10 PM
ec4fed1e-1f10-4547-8413-92a249Healthcare_SpecialistAmazon.comManagementMeredith_Clarkson23538		12/06/2019 3:10 PM
97d1cf41-1b08-4bc9-a7cb-bf10b8DesignerVodafoneITOwen_Swift89855		12/06/2019 3:10 PM
8ac05fbc-396a-4838-8681-ac6b9bFront_Desk_CoordinatorDynCorpSalesDaniel_Cox51538		12/06/2019 3:10 PM