

• Installing Hive :

1. Extracting the apache-hive-2.3.9-bin.tar.gz

```
ubuntu@stud: ~/Downloads
ubuntu@stud:~$ cd Downloads/
ubuntu@stud:~/Downloads$ ls
apache-hive-2.3.9-bin.tar.gz  files  firefox.tmp  fwd.zip
ubuntu@stud:~/Downloads$ tar -xvzf apache-hive-2.3.9-bin.tar.gz
apache-hive-2.3.9-bin/conf/hive-log4j2.properties.template
apache-hive-2.3.9-bin/conf/hive-exec-log4j2.properties.template
apache-hive-2.3.9-bin/conf/beeline-log4j2.properties.template
apache-hive-2.3.9-bin/conf/llap-daemon-log4j2.properties.template
apache-hive-2.3.9-bin/conf/llap-cli-log4j2.properties.template
```

2. Moving the extracted file /home/hdp123 directory :

```
hdp123@stud: ~
ubuntu@stud:~/Downloads$ su hdp123
Password:
hdp123@stud:/home/ubuntu/Downloads$ sudo mv apache-hive-2.3.9-bin /home/hdp123/
[sudo] password for hdp123:
hdp123@stud:/home/ubuntu/Downloads$ ls
apache-hive-2.3.9-bin.tar.gz  files  firefox.tmp  fwd.zip
hdp123@stud:/home/ubuntu/Downloads$ cd
hdp123@stud:~$ ls
analyselogs  apache-hive-2.3.9-bin  input1  snap
hdp123@stud:~$
```

3. Editing the bashrc file by adding HIVE_HOME Path :

```
hdp123@stud: ~/apache-hive-2.3.9-bin/conf
hdp123@stud:~$ cd apache-hive-2.3.9-bin/
hdp123@stud:~/apache-hive-2.3.9-bin$ pwd
/home/hdp123/apache-hive-2.3.9-bin
hdp123@stud:~/apache-hive-2.3.9-bin$ sudo nano ~/.bashrc
hdp123@stud:~/apache-hive-2.3.9-bin$ source ~/.bashrc
```

```

. /etc/bash_completion
fi
fi

export JAVA_HOME=/usr/lib/jvm/java-11-openjdk-amd64
export HADOOP_HOME=/usr/local/hadoop
export PATH=$PATH:$HADOOP_HOME/bin
export PATH=$PATH:$HADOOP_HOME/sbin
export HADOOP_MAPRED_HOME=$HADOOP_HOME
export HADOOP_COMMON_HOME=$HADOOP_HOME
export HADOOP_HDFS_HOME=$HADOOP_HOME
export YARN_HOME=$HADOOP_HOME
export HADOOP_COMMON_LIB_NATIVE_DIR=$HADOOP_HOME/lib/native
export HADOOP_OPTS="-Djava.library.path=$HADOOP_HOME/lib"
export HIVE_HOME=/home/hdp123/apache-hive-2.3.9-bin

```

4. Renaming the Hive-env and Hive-default files :

```

hdp123@stud: ~/apache-hive-2.3.9-bin/conf
hdp123@stud:~/apache-hive-2.3.9-bin$ cd conf/
hdp123@stud:~/apache-hive-2.3.9-bin/conf$ sudo mv hive-default.xml.template hive-site.xml

```

```

hdp123@stud: ~/apache-hive-2.3.9-bin/conf
hdp123@stud:~/apache-hive-2.3.9-bin/conf$ sudo mv hive-env.sh.template hive-env.sh
hdp123@stud:~/apache-hive-2.3.9-bin/conf$ ls
beeline-log4j2.properties.template  ivysettings.xml
hive-env.sh                          llap-cli-log4j2.properties.template
hive-exec-log4j2.properties.template llap-daemon-log4j2.properties.template
hive-log4j2.properties.template      parquet-logging.properties
hive-site.xml
hdp123@stud:~/apache-hive-2.3.9-bin/conf$

```

```

GNU nano 6.2                hive-env.sh *
# export HADOOP_HEAPSIZE=1024
#
# Larger heap size may be required when running queries over large number of files or par>
# By default hive shell scripts use a heap size of 256 (MB).  Larger heap size would also>
# appropriate for hive server.

# Set HADOOP_HOME to point to a specific hadoop install directory
# HADOOP_HOME=${bin}/../../hadoop
export HADOOP_HOME=/usr/local/hadoop

^G Help      ^O Write Out ^W Where Is  ^K Cut       ^T Execute   ^C Location
^X Exit      ^R Read File ^V Replace   ^U Paste     ^J Justifv   ^_ Go To Line

```

5. Starting the Hadoop Services :

```
hdp123@stud: ~/apache-hive-2.3.9-bin/conf
hdp123@stud:~/apache-hive-2.3.9-bin/conf$ start-all.sh
This script is Deprecated. Instead use start-dfs.sh and start-yarn.sh
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (file:/usr/local/hadoop/share/hadoop/common/lib/hadoop-auth-2.10.2.jar) to method
```

```
hdp123@stud:~/apache-hive-2.3.9-bin/conf$ jps
10640 NameNode
11571 NodeManager
11299 SecondaryNameNode
11066 DataNode
11451 ResourceManager
11919 Jps
hdp123@stud:~/apache-hive-2.3.9-bin/conf$
```

6. Creating files and assigning access to those files :

```
hdp123@stud: /usr/local/hadoop
hdp123@stud:~/apache-hive-2.3.9-bin/conf$ cd $HADOOP_HOME
hdp123@stud:/usr/local/hadoop$ sudo chown -R hdp123 /home/hdp123/apache-hive-2.3.9-bin/
hdp123@stud:/usr/local/hadoop$ hdfs dfs -mkdir -p /user/hive/warehouse
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (file:/usr/local/hadoop/share/hadoop/common/lib/hadoop-auth-2.10.2.jar) to method sun.security.krb5.Config.getInstance()
WARNING: Please consider reporting this to the maintainers of org.apache.hadoop.security.authentication.util.KerberosUtil
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release
23/05/04 20:23:36 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
hdp123@stud:/usr/local/hadoop$ hdfs dfs -chmod 777 /user/hive/warehouse
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (file:/usr/local/hadoop/share/hadoop/common/lib/hadoop-auth-2.10.2.jar) to method sun.security.krb5.Config.getInstance()
WARNING: Please consider reporting this to the maintainers of org.apache.hadoop.security.authentication.util.KerberosUtil
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release
23/05/04 20:23:47 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
hdp123@stud:/usr/local/hadoop$ hdfs dfs -chmod 777 /user/hive/warehouse
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (file:/usr/local/hadoop/share/hadoop/common/lib/hadoop-auth-2.10.2.jar) to method sun.security.krb5.Config.getInstance()
WARNING: Please consider reporting this to the maintainers of org.apache.hadoop.security.authentication.util.KerberosUtil
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release
23/05/04 20:24:10 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
hdp123@stud:/usr/local/hadoop$ hdfs dfs -chmod 777 /tmp
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (file:/usr/local/hadoop/share/hadoop/common/lib/hadoop-auth-2.10.2.jar) to method sun.security.krb5.Config.getInstance()
WARNING: Please consider reporting this to the maintainers of org.apache.hadoop.security.authentication.util.KerberosUtil
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release
23/05/04 20:24:10 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
```

7. Initializing the Schema-tool :

```
hdp123@stud: ~/apache-hive-2.3.9-bin/bin
hdp123@stud:~/apache-hive-2.3.9-bin/bin$ ./schematool -dbType derby -initSchema
SLF4J: Class path contains multiple SLF4J bindings.
SLF4J: Found binding in [jar:file:/home/hdp123/apache-hive-2.3.9-bin/lib/log4j-slf4j-impl-2.6.2.jar!/org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: Found binding in [jar:file:/usr/local/hadoop/share/hadoop/common/lib/slf4j-reload4j-1.7.36.jar!/org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: See http://www.slf4j.org/codes.html#multiple_bindings for an explanation.
SLF4J: Actual binding is of type [org.apache.logging.slf4j.Log4jLoggerFactory]
Metastore connection URL:      jdbc:derby;;databaseName=metastore_db;create=true
Metastore Connection Driver :  org.apache.derby.jdbc.EmbeddedDriver
Metastore connection User:     APP
Starting metastore schema initialization to 2.3.0
Initialization script hive-schema-2.3.0.derby.sql
Initialization script completed
schemaTool completed
```

8. Starting Hive :

```
hdp123@stud:~/apache-hive-2.3.9-bin/bin$ ./hive
SLF4J: Class path contains multiple SLF4J bindings.
SLF4J: Found binding in [jar:file:/home/hdp123/apache-hive-2.3.9-bin/lib/log4j-slf4j-impl-2.6.2.jar!/org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: Found binding in [jar:file:/usr/local/hadoop/share/hadoop/common/lib/slf4j-reload4j-1.7.36.jar!/org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: See http://www.slf4j.org/codes.html#multiple_bindings for an explanation.
SLF4J: Actual binding is of type [org.apache.logging.slf4j.Log4jLoggerFactory]

Logging initialized using configuration in jar:file:/home/hdp123/apache-hive-2.3.9-bin/lib/hive-common-2.3.9.jar!/hive-log4j2.properties Async: true
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (file:/usr/local/hadoop/share/hadoop/common/lib/hadoop-auth-2.10.2.jar) to method sun.security.krb5.Config.getInstance()
WARNING: Please consider reporting this to the maintainers of org.apache.hadoop.security.authentication.util.KerberosUtil
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release
Hive-on-MR is deprecated in Hive 2 and may not be available in the future versions. Consider using a different execution engine (i.e. spark, tez) or using Hive 1.X releases.
hive>
```

• Running Hive Queries :

1. Starting Hive Services :

```
hdp123@stud: ~/apache-hive-2.3.9-bin/bin
hdp123@stud:~/files$ ls
flight_data.csv flight_data.txt flight_ext.csv flight_fare.csv sample.txt
hdp123@stud:~/files$ cd
hdp123@stud:~$ cd apache-hive-2.3.9-bin/bin
hdp123@stud:~/apache-hive-2.3.9-bin/bin$ ./hive
SLF4J: Class path contains multiple SLF4J bindings.
SLF4J: Found binding in [jar:file:/home/hdp123/apache-hive-2.3.9-bin/lib/log4j-slf4j-impl-2.6.2.jar!/org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: Found binding in [jar:file:/usr/local/hadoop/share/hadoop/common/lib/slf4j-reload4j-1.7.36.jar!/org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: See http://www.slf4j.org/codes.html#multiple_bindings for an explanation.
```

2. Creating a database and emp table :

```
hive> show databases;
OK
default
Time taken: 6.542 seconds, Fetched: 1 row(s)
hive> create database dypcoe;
OK
Time taken: 0.242 seconds
hive> create table emp(ename string,esal int) row format delimited fields terminated by '_'
stored as textfile;
OK
Time taken: 0.937 seconds
hive> █
```

3. Loading data from sample.txt in emp table and viewing the data :

```
hive> load data local inpath '/home/hdp123/files/sample.txt' into table emp;
Loading data to table default.emp
OK
Time taken: 1.795 seconds
hive> select * from emp;
OK
Parth,15200      NULL
Aditya,58241    NULL
Yogi,14000      NULL
Tanishq,14500   NULL
Time taken: 1.823 seconds, Fetched: 4 row(s)
hive> █
```


4. Creating flight table & loading data from flight_data into table :

```
hive> create table flight(Year int, Month int, DayOfMonth int, DayOfWeek int, DepTime int, CRSDEPT
ime int, ArrTime int, CRSArrTime int, UniqueCarrier string, FlightNum int, TailNum string, ActualEl
apsedTime int, CRSElapsedTime int, AirTime int, ArrDelay int, DepDelay int, Origin string, Dest str
ing, Distance int, TaxiIn int, TaxiOut int, Cancelled int, CancellationCode string, Diverted string
, CarrierDelay int, WeatherDelay int, NASDelay int, SecurityDelay int, LateAircraftDelay int) row
format delimited fields terminated by ',';
OK
Time taken: 0.373 seconds
hive> load data local inpath '/home/hdp123/files/flight_data.csv' into table flight;
Loading data to table default.flight
OK
Time taken: 0.563 seconds
```

5. Creating storage files and loading data into files :

```
hdp123@stud: /usr/local/hadoop
hdp123@stud: ~/apache-hive-2.3.9-bin/bin
hdp123@stud:~$ cd $HADOOP_HOME
hdp123@stud:/usr/local/hadoop$ hdfs dfs -mkdir /user/hive/flight
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (
file:/usr/local/hadoop/share/hadoop/common/lib/hadoop-auth-2.10.2.jar) to method sun.security.krb5.
Config.getInstance()
WARNING: Please consider reporting this to the maintainers of org.apache.hadoop.security.authentica
tion.util.KerberosUtil
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operatio
ns
WARNING: All illegal access operations will be denied in a future release
23/05/04 23:11:52 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platfor
m... using builtin-java classes where applicable
hdp123@stud:/usr/local/hadoop$ hdfs dfs -put /home/hdp123/files/flight_ext.csv /user/hive/flight
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (
file:/usr/local/hadoop/share/hadoop/common/lib/hadoop-auth-2.10.2.jar) to method sun.security.krb5.
Config.getInstance()
WARNING: Please consider reporting this to the maintainers of org.apache.hadoop.security.authentica
tion.util.KerberosUtil
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operatio
ns
WARNING: All illegal access operations will be denied in a future release
23/05/04 23:12:24 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platfor
m... using builtin-java classes where applicable
hdp123@stud:/usr/local/hadoop$ hdfs dfs -ls /user/hive/flight
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (
file:/usr/local/hadoop/share/hadoop/common/lib/hadoop-auth-2.10.2.jar) to method sun.security.krb5.
Config.getInstance()
WARNING: Please consider reporting this to the maintainers of org.apache.hadoop.security.authentica
tion.util.KerberosUtil
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operatio
ns
WARNING: All illegal access operations will be denied in a future release
23/05/04 23:12:43 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platfor
m... using builtin-java classes where applicable
Found 1 items
-rw-r--r-- 1 hdp123 supergroup 3842 2023-05-04 23:12 /user/hive/flight/flight_ext.csv
hdp123@stud:/usr/local/hadoop$
```

6. Creating external table(flight) and describing it :

```
hdp123@stud: ~/apache-hive-2.3.9-bin/bin
hive> create external table flight_ext(Year int, Month int, DayOfMonth int, DayOfWeek int, DepTime
int, CRSDepTime int, ArrTime int, CRSArrTime int, UniqueCarrier string, FlightNum int, TailNum str
ing, ActualElapsedTime int, CRSElapsedTime int, AirTime int, ArrDelay int, DepDelay int, Origin str
ing, Dest string, Distance int, TaxiIn int, TaxiOut int, Cancelled int, CancellationCode string, Di
verted string, CarrierDelay int, WeatherDelay int, NASDelay int, SecurityDelay int, LateAircraftDe
lay int) row format delimited fields terminated by ',' location '/user/hive/flight';
OK
Time taken: 5.487 seconds
hive> describe formatted flight;
OK
# col_name          data_type          comment
year                int
month               int
dayofmonth           int
dayofweek            int
deptime              int
crsdeptime           int
arrtime              int
crsarrrtime          int
uniquecarrier        string
flightnum            int
tailnum              string
actualelapsedtime    int
crselapsedtime       int
airtime              int
arrdelay             int
depdelay             int
origin               string
dest                 string
distance             int
taxiin               int
taxiout              int
cancelled            int
cancellationcode     string
diverted             string
carrierdelay         int
weatherdelay         int
nasdelay             int
securitydelay        int
lateaircraftdelay    int
```

```
# Detailed Table Information
Database:           default
Owner:              hdp123
CreateTime:         Thu May 04 23:05:48 IST 2023
LastAccessTime:     UNKNOWN
Retention:          0
Location:            hdfs://localhost:9000/user/hive/warehouse/flight
Table Type:         MANAGED_TABLE
Table Parameters:
    numFiles         1
    numRows           0
    rawDataSize       0
    totalSize        4674
    transient_lastDdlTime 1683221778

# 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: 0.698 seconds, Fetched: 58 row(s)
```

7. Counting number of rows in flight_ext table :

```
hive> select count(*) from flight_ext;
WARNING: Hive-on-MR is deprecated in Hive 2 and may not be available in the future versions. Consider using a different
or using Hive 1.X releases.
Query ID = hdp123_20230504231827_bb9d1267-d97f-452f-b01d-568d08a69292
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_1683211876093_0001, Tracking URL = http://stud:8088/proxy/application_1683211876093_0001/
Kill Command = /usr/local/hadoop/bin/hadoop job -kill job_1683211876093_0001
Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1
2023-05-04 23:18:48,095 Stage-1 map = 0%, reduce = 0%
2023-05-04 23:18:57,180 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 2.87 sec
2023-05-04 23:19:05,716 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 5.29 sec
MapReduce Total cumulative CPU time: 5 seconds 290 msec
Ended Job = job_1683211876093_0001
MapReduce Jobs Launched:
Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 5.29 sec HDFS Read: 15222 HDFS Write: 102 SUCCESS
Total MapReduce CPU Time Spent: 5 seconds 290 msec
OK
39
Time taken: 42.368 seconds, Fetched: 1 row(s)
```

8. Creating internal table (flight_fare) :

```
hive> create table flight_fare( FlightNum int, Fare int) row format delimited fields terminated by ',';
OK
Time taken: 0.234 seconds
hive> load data local inpath '/home/hdp123/files/flight_fare.csv' into table flight_fare;
Loading data to table default.flight_fare
OK
Time taken: 0.808 seconds
```

```
hive> select flight.Origin, flight.Dest, flight_fare.fare from flight join flight_fare on flight.FlightNum=flight_fare.FlightNum;
WARNING: Hive-on-MR is deprecated in Hive 2 and may not be available in the future versions. Consider using a different
execution engine (i.e. spark, tez) or using Hive 1.X releases.
Query ID = hdp123_20230504232230_d9d247a5-6726-4fe9-9f74-05d769fe831c
Total jobs = 1
```

```
Execution completed successfully
MapredLocal task succeeded
Launching Job 1 out of 1
Number of reduce tasks is set to 0 since there's no reduce operator
Starting Job = job_1683211876093_0002, Tracking URL = http://stud:8088/proxy/application_1683211876093_0002/
Kill Command = /usr/local/hadoop/bin/hadoop job -kill job_1683211876093_0002
Hadoop job information for Stage-3: number of mappers: 1; number of reducers: 0
2023-05-04 23:22:51,192 Stage-3 map = 0%, reduce = 0%
2023-05-04 23:22:57,690 Stage-3 map = 100%, reduce = 0%, Cumulative CPU 2.49 sec
MapReduce Total cumulative CPU time: 2 seconds 490 msec
Ended Job = job_1683211876093_0002
MapReduce Jobs Launched:
Stage-Stage-3: Map: 1 Cumulative CPU: 2.49 sec HDFS Read: 13095 HDFS Write: 1317
Total MapReduce CPU Time Spent: 2 seconds 490 msec
OK
SEA      SJC      5181
SEA      PSP      7905
SAN      SEA      8781
SEA      GEG      7852
TUS      SEA      9009
```





9. Calculating average of depdelay from flight :

```
hive> select avg(depdelay) from flight;
WARNING: Hive-on-MR is deprecated in Hive 2 and may not be available in the future versions
using a different execution engine (i.e. spark, tez) or using Hive 1.X releases.
Query ID = hdp123_20230504232624_dc8110ff-e4f1-496b-9290-f9548b0828eb
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_1683211876093_0003, Tracking URL = http://stud:8088/proxy/application_1683211876093_0003/
Kill Command = /usr/local/hadoop/bin/hadoop job -kill job_1683211876093_0003
Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1
2023-05-04 23:26:34,120 Stage-1 map = 0%, reduce = 0%
2023-05-04 23:26:40,832 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 2.04 sec
2023-05-04 23:26:48,252 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 4.28 sec
MapReduce Total cumulative CPU time: 4 seconds 280 msec
Ended Job = job_1683211876093_0003
MapReduce Jobs Launched:
Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 4.28 sec HDFS Read: 16632 HDFS Write: 16632
Total MapReduce CPU Time Spent: 4 seconds 280 msec
OK
10.021739130434783
Time taken: 26.331 seconds, Fetched: 1 row(s)
```

localhost:50070/explorer.html#/user/hive/warehouse

Hadoop Overview Datanodes Datanode Volume Failures Snapshot Startup Progress Utilities

Browse Directory

/user/hive/warehouse Go!   

Show 25 entries Search:

<input type="checkbox"/>	Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name	<input type="checkbox"/>
<input type="checkbox"/>	drwxrwxrwx	hdp123	supergroup	0 B	May 04 22:49	0	0 B	dypcoe.db	<input type="checkbox"/>
<input type="checkbox"/>	drwxrwxrwx	hdp123	supergroup	0 B	May 04 23:03	0	0 B	emp	<input type="checkbox"/>
<input type="checkbox"/>	drwxrwxrwx	hdp123	supergroup	0 B	May 04 23:06	0	0 B	flight	<input type="checkbox"/>
<input type="checkbox"/>	drwxrwxrwx	hdp123	supergroup	0 B	May 04 23:21	0	0 B	flight_fare	<input type="checkbox"/>

Showing 1 to 4 of 4 entries Previous 1 Next

Hadoop, 2022.