

# Symbiosis Skills and Professional University



## Skill Journal

**Name:** Pranav G. Deshpande

**Date:** 4/8/2021

**PRN:**

**School:** School of Data Science

**Course:** Data Associate (Data Science)

**Module Name:** data migration on project dataset

### 2. Skill Activity Number 03

#### 3. Title: Business Analytics Use Case

#### 3. Skills / Competencies to be acquired:

- 1) Perform the 4 types of Sqoop Import-Export (HDFS Import, Hive Import, HBase Import, HDFS Export) and perform some analysis on it.
- 2) Perform in Group with each one's involvement in it.
- 3) Perform the task on your Project Dataset.(If not having, create one dummy data related to the Project Topic)
- 4) Take screenshots of the work you perform and submit in a proper format as expected.

#### 4. Duration: 30 Min.

#### 5. What is the purpose of the activity?

Sqoop Import-Export (HDFS Import, Hive Import, HBase Import, HDFS Export) and perform some analysis on it

#### 6. Steps Performed in this activity?

Perform the task on your Project Dataset.(If not having, create one dummy data related to the Project Topic)

Take screenshots of the work you perform and submit in a proper format as expected

#### 7. What resources / materials / equipment / tools did you use for this activity?

#### 8. What skills did you acquire?

What kind of different analysis can be done through the data.

#### 9. Time taken to complete this activity?

20\_30 Min

```

Applications Pl File Edit View VM Tabs Help ||| Home X Hadoop X
File Edit View Search Terminal Help
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| hue |
| metastore |
| mysql |
| test |
| training |
+-----+
6 rows in set (0.06 sec)

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

mysql> use assign;
Database changed
mysql> show tables;
Empty set (0.00 sec)

mysql> create table gov_schemes(category int,department varchar(100),scheme varchar(200), revenue20_21 int,actuals20_21 int,revenue_est21_22 int,budget_est21_22 int,revised_reven_est21_22 int, revised_est21_22 int,budget_rev_est22_23 int,budget_est22_23 int);
Query OK, 0 rows affected (0.06 sec)

mysql> desc gov_schemes;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| category | int(11) | YES | | NULL | |
| department | varchar(100) | YES | | NULL | |
| scheme | varchar(200) | YES | | NULL | |
| revenue20_21 | int(11) | YES | | NULL | |
| actuals20_21 | int(11) | YES | | NULL | |
| revenue_est21_22 | int(11) | YES | | NULL | |
| budget_est21_22 | int(11) | YES | | NULL | |
| revised_reven_est21_22 | int(11) | YES | | NULL | |
| revised_est21_22 | int(11) | YES | | NULL | |
| budget_rev_est22_23 | int(11) | YES | | NULL | |
| budget_est22_23 | int(11) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
11 rows in set (0.05 sec)

mysql> 

```

```

root@localhost:/home/training
File Edit View Search Terminal Help
mysql> show tables;
Empty set (0.00 sec)

mysql> create table gov_schemes(category int,department varchar(100),scheme varchar(200), revenue20_21 int,actuals20_21 int,revenue_est21_22 int,budget_est21_22 int,revised_reven_est21_22 int, revised_est21_22 int,budget_rev_est22_23 int,budget_est22_23 int);
Query OK, 0 rows affected (0.06 sec)

mysql> desc gov_schemes;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| category | int(11) | YES | | NULL | |
| department | varchar(100) | YES | | NULL | |
| scheme | varchar(200) | YES | | NULL | |
| revenue20_21 | int(11) | YES | | NULL | |
| actuals20_21 | int(11) | YES | | NULL | |
| revenue_est21_22 | int(11) | YES | | NULL | |
| budget_est21_22 | int(11) | YES | | NULL | |
| revised_reven_est21_22 | int(11) | YES | | NULL | |
| revised_est21_22 | int(11) | YES | | NULL | |
| budget_rev_est22_23 | int(11) | YES | | NULL | |
| budget_est22_23 | int(11) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
11 rows in set (0.05 sec)

mysql> load data local infile '/home/training/Desktop/gov_schemes.csv' into table gov_schemes fields terminated by ',';
Query OK, 460 rows affected, 233 warnings (0.07 sec)
Records: 460 Deleted: 0 Skipped: 0 Warnings: 88

mysql> 

```

Applications Places System Firefox Web Browser root@localhost:/home/training/Desktop

File Edit View Search Browse the Web

```

21/08/07 12:02:29 INFO mapreduce.Job: map 0% reduce 0%
21/08/07 12:02:33 INFO mapreduce.Job: map 100% reduce 0%
21/08/07 12:02:33 INFO mapreduce.Job: Job job_1628348349432_0001 completed successfully
21/08/07 12:02:33 INFO mapreduce.Job: Counters: 27
  File System Counters
    FILE: Number of bytes read=120
    FILE: Number of bytes written=76172
    FILE: Number of read operations=0
    FILE: Number of large read operations=0
    FILE: Number of write operations=0
    HDFS: Number of bytes read=87
    HDFS: Number of bytes written=45436
    HDFS: Number of read operations=4
    HDFS: Number of large read operations=0
    HDFS: Number of write operations=2
  Job Counters
    Launched map tasks=1
    Other local map tasks=1
    Total time spent by all maps in occupied slots (ms)=29304
    Total time spent by all reduces in occupied slots (ms)=0
  Map-Reduce Framework
    Map input records=460
    Map output records=460
    Input split bytes=87
    Spilled Records=0
    Failed Shuffles=0
    Merged Map outputs=0
    GC time elapsed (ms)=95
    CPU time spent (ms)=970
    Physical memory (bytes) snapshot=48398336
    Virtual memory (bytes) snapshot=385191936
    Total committed heap usage (bytes)=16318464
  File Input Format Counters
    Bytes Read=0
  File Output Format Counters
    Bytes Written=45436
21/08/07 12:02:33 INFO mapreduce.ImportJobBase: Transferred 44.3711 KB in 21.6186 seconds (2.0524 KB/sec)
21/08/07 12:02:33 INFO mapreduce.ImportJobBase: Retrieved 460 records.
[root@localhost Desktop]# 

```

root@localhost:/home... root@localhost:/home... sql commands (~/Des... Starting Firefox Web B...

Applications Places System Firefox training Sat Aug 7, 12:04 PM

HDFS:/user/root/gov\_schemes/part-m-00000 - Mozilla Firefox

File Edit View Bookmarks Tools Help

[HDFS:/user/root/gov\\_schemes/p...](#)

localhost.localdomain:50075/browseBlock.jsp?blockId=2081975708539023588&blockSize=4147

The Platform for Bi... Hadoop JobTracker Hadoop NameNode

File: [/user/root/gov\\_schemes/part-m-00000](#)

Goto :  go

[Go back to dir listing](#)

[Advanced view/download options](#)

[View Next chunk](#)

```

9,Ministry of Coal ,Total,763,763,820,820,554,554,420,420
9,Ministry of Coal ,Research and Development,19,19,25,25,12,12,18,18
9,Ministry of Coal ,`Conservation,0,85,85,95,95,57,57,72
9,Ministry of Coal ,Exploration of Coal and Lignite,659,659,700,700,485,485,330,330
10,Department of Commerce ,Total,5176,5976,4656,5306,3332,3722,3887,4147
10,Department of Commerce ,Agricultural Product Export Development Authority (APEDA),74,74,95,95,85,85,85,85
10,Department of Commerce ,Marine Product Export Development Authority (MPEDA),110,110,140,140,110,110,110,110
10,Department of Commerce ,Trade Infrastructure for Export Schemes (TIES),65,65,75,75,75,75,75,75
10,Department of Commerce ,Duty Drawback Scheme,641,641,701,497,497,377,377
10,Department of Commerce ,Tea Board,176,176,200,200,175,175,375,375
10,Department of Commerce ,Coffee Board,211,211,225,225,180,180,180,180
10,Department of Commerce ,Rubber Board,211,211,221,221,188,188,190,190
10,Department of Commerce ,Spices Board,105,105,120,120,100,100,100,100
10,Department of Commerce ,Cashew Export Promotion Council,1,1,10,10,3,3,5,5
10,Department of Commerce ,Market Access Initiative,325,325,300,300,100,100,200,200
10,Department of Commerce ,Gems and Jewellery Sector,5,5,10,10,5,5,5,5
10,Department of Commerce ,Interest Equalisation Scheme,2890,2890,2300,2300,1600,1600,1900,1900
10,Department of Commerce ,Project Development Fund,3,3,16,16,3,3,5,5
10,Department of Commerce ,Centre For Research on International Trade-CRIT (Centre for WTO Studies),28,28,37,37,30,30,30,30
10,Department of Commerce ,Transport and Marketing Assistance (TMA) Scheme for specified agriculture products,22,22,100,100,100,100,150,150
10,Department of Commerce ,Implementation of Agriculture Export Policy,0,0,5,5,1,1,100,100
11,Department for Promotion of Industry and Internal Trade,Total,4748,5833,4325,5727,6265,7042,5950,7162
11,Department for Promotion of Industry and Internal Trade,Indian Leather Development Programme (ILDP),383,383,370,370,148,148,150,150
11,Department for Promotion of Industry and Internal Trade,Industrial Infrastructure Upgradation Scheme (IIUS),23,23,25,25,25,25,13,13

```

root@localhost:/home... root@localhost:/home... sql commands (~/Des... HDFS:/user/root/gov\_s...

```

Applications Pl File Edit View Terminal Help
File Edit View Search Terminal Help
101 | Ministry of Youth Affairs and Sports | Scouting and Guiding
|   |   |   |   |   |
| 1 |   2 |   1 |   2 |   1 |   2 |   2 |   1 |
| 101 | Ministry of Youth Affairs and Sports | Youth Hostel
|   |   3 |   1 |   6 |   1 |   20 |   20 |   1 |   2 |
| 3 |   101 | Ministry of Youth Affairs and Sports | Assistance to Promotion of Sports Excellence
|   |   284 |   306 |   284 |   250 |   250 |   133 |   133 |
133 |   101 | Ministry of Youth Affairs and Sports | Incentive to Sports Persons
|   |   118 |   53 |   53 |   70 |   70 |   38 |   38 |
| 38 |   101 | Ministry of Youth Affairs and Sports | National Sports Development Fund
|   |   25 |   77 |   77 |   50 |   50 |   7 |   7 |
| 7 |   101 | Ministry of Youth Affairs and Sports | National Welfare Fund for Sports Persons
|   |   2 |   1 |   1 |   2 |   2 |   2 |   2 |
| 2 |   101 | Ministry of Youth Affairs and Sports | Khelo India
|   |   576 |   658 |   576 |   890 |   890 |   329 |   329 |
| 329 |   101 | Ministry of Youth Affairs and Sports | Enhancement of Sports Facility at 35 K
|   |   50 |   50 |   50 |   50 |   50 |   25 |   25 |
| 25 |   101 | Ministry of Youth Affairs and Sports | Commonwealth Games
|   |   96 |   96 |   96 |   75 |   75 |   75 |   75 |
75 |   30 |   30 |   30 |   +-----+   +-----+   +-----+   +-----+
+-----+   +-----+   +-----+   +-----+   +-----+
468 rows in set (0.00 sec)

mysql> drop table gov_schemes;
Query OK, 0 rows affected (0.20 sec)

mysql> show tables;
Empty set (0.21 sec)

mysql> create table gov_schemes(category int,department varchar(100),scheme varchar(200),revenue20_21 int,actuals20_21 int,revenue_est21_22 int,budget_est21_22 int,revised_reven_est21_22 int,revised_est21_22 int,budget_rev_est22_23 int,budget_est22_23 int);
Query OK, 0 rows affected (0.07 sec)

mysql> select * from gov_schemes;
Empty set (0.00 sec)

mysql> 
root@localhost:/home... root@localhost:/home... *sql commands (~/De... HDFS:/user/root/gov_s...

```

```

Applications Pl File Edit View VM Tabs Help
File Edit View Search Terminal Help
97,Ministry of Textiles ,Research and Development - Handicrafts,9,9,10,10,8,8,10,10
97,Ministry of Textiles ,Human Resource Development- Handicrafts,23,23,26,26,15,15,26,26
97,Ministry of Textiles ,Infrastructure and Technology Development Scheme,2,22,6,42,18,46,16,36
97,Ministry of Textiles ,Handicraft Cluster Development Program - Handicraft Mega Cluster,32,32,35,35,14,14,15,15
97,Ministry of Textiles ,Other Handicraft schemes,50,50,67,67,60,60,65,65
97,Ministry of Textiles ,Integrated Wool Development Programme,17,17,20,20,10,10,17,17
97,Ministry of Textiles ,Central Silk Board,788,788,800,800,650,650,875,875
97,Ministry of Textiles ,Scheme for development in Jute Sector,65,65,95,95,40,48,80,88
97,Ministry of Textiles ,Subsidy to Jute Corporation of India towards market operation,38,38,40,40,38,30,70,70
97,Ministry of Textiles ,Others (IJIRRA,6,2,2,2,2,2,3
97,Ministry of Textiles ,Power Tex India,42,42,110,110,50,50,50
97,Ministry of Textiles ,Integrated Processing Development Scheme,10,10,50,50,40,40,75,75
97,Ministry of Textiles ,Scheme for Integrated Textile Parks (SITP),41,41,80,80,60,60,88,80
97,Ministry of Textiles ,Assistant to Textile Committee,83,83,80,80,39,39,45,45
97,Ministry of Textiles ,Flattened Factor cum Incubators,6,6,8,8,3,3,4,4
97,Ministry of Textiles ,Export Promotion Studies,2,2,34,34,5,5,30,30
97,Ministry of Textiles ,Textile Training Research (TRTA),18,18,18,18,12,11,11
97,Ministry of Textiles ,Integrated Scheme for Skill Development,72,72,150,150,80,80,100,100
97,Ministry of Textiles ,R & D Textiles,8,8,23,23,10,10,10,10
97,Ministry of Textiles ,National Institute of Fashion Technology (NIFT),57,57,110,110,80,80,100,100
97,Ministry of Textiles ,NRI Textiles Promotion Scheme,116,116,125,125,40,40,75,75
98,Ministry of Tourism ,Total,1252,1252,2375,2375,1141,1141,1895,1895
98,Ministry of Tourism ,Integrated Development of Tourist Circuits around specific themes (Swades Darshan),506,506,1200,1200
,600,600,630,630
98,Ministry of Tourism , "Pilgrimage Rejuvenation and Spiritual,0,145,145,208,208,125,125,153
98,Ministry of Tourism ,Other Support to Tourist Infrastructure,40,40,248,248,155,155,305,305
98,Ministry of Tourism ,Overseas Promotion and Publicity including Market Development Assistance,312,312,450,450,115,115,524
524
98,Ministry of Tourism ,Domestic Promotion and Publicity including Market Development Assistance,100,100,140,140,63,63,145,14
5
98,Ministry of Tourism ,Assistance to IIMs/FCIs/IITMs/NIIMS,57,57,70,70,50,50,75,75
98,Ministry of Tourism ,Capacity Building for Service Providers,33,33,60,60,33,33,64,64
99,Ministry of Tribal Affairs ,Total,341,421,1665,1815,1498,1490,1831,1831
99,Ministry of Tribal Affairs ,National Fellowship and Scholarship for Higher Education of ST Students,100,100,100,100,120,12
0,150,150
99,Ministry of Tribal Affairs ,Scholarship to the ST Students for Studies Abroad,2,2,2,2,5,5,3,3
99,Ministry of Tribal Affairs ,Institutional Support for Development and Marketing of Tribal Products (TRIFED etc.),129,129,1
40,140,105,105,150,150
99,Ministry of Tribal Affairs ,Aid to Voluntary Organisations Working for the Welfare of Scheduled Tribes,95,95,110,110,60,60,30
,110,110
99,Ministry of Tribal Affairs ,Eklavya Model Residential School (EMRS),16,16,1313,1313,1200,1200,1418,1418
101,Ministry of Youth Affairs and Sports ,Total,1494,1494,1746,1746,775,775,1395,1398
101,Ministry of Youth Affairs and Sports ,National Service Scheme,152,152,172,172,73,73,105,105
101,Ministry of Youth Affairs and Sports ,National Leadership Programme,11,11,22,22,4,4,14,14
101,Ministry of Youth Affairs and Sports ,National Programme for Youth and Adolescent Development,20,20,23,23,20,20,21,21
101,Ministry of Youth Affairs and Sports ,National Youth Corps,75,75,50,50,60,60,75,75
101,Ministry of Youth Affairs and Sports ,International Cooperation,19,19,30,30,7,7,14,14
101,Ministry of Youth Affairs and Sports ,Scouting and Guiding,1,1,2,2,1,2,2
101,Ministry of Youth Affairs and Sports ,Youth Hostel,1,1,20,20,2,3,3,6
101,Ministry of Youth Affairs and Sports ,Assistance to Promotion of Sports Excellence,306,306,250,250,133,133,284,284
101,Ministry of Youth Affairs and Sports ,Incentive to Sports Persons,110,110,70,70,38,38,53,53
101,Ministry of Youth Affairs and Sports ,National Sports Development Fund,77,77,50,50,7,7,25,25
101,Ministry of Youth Affairs and Sports ,National Welfare Fund for Sports Persons,1,1,2,2,2,2,2,2
101,Ministry of Youth Affairs and Sports ,Khelo India,576,576,100,100,32,32,650,650
101,Ministry of Youth Affairs and Sports ,Enhancement of Sports Facility at 35 K,50,50,50,50,25,25,50,50
101,Ministry of Youth Affairs and Sports ,Commonwealth Games,96,96,75,75,75,75,30,30
[root@localhost Desktop]# hdfs dfs -cat /user/root/gov_schemes/part-m-00000

```

```

Applications P File Edit View VM Tabs Help | ||| Home X Hadoop X Cloudera-Udacity-Training ... X
root@localhost:~| root@localhost:~| root@localhost:~| root@localhost:~| root@localhost:~| root@localhost:~| root@localhost:~| root@localhost:~|
File Edit View Search Terminal Help
101,Ministry of Youth Affairs and Sports ,National Youth Corps,75,75,90,90,60,60,75,75
101,Ministry of Youth Affairs and Sports ,International Cooperation,19,19,30,30,7,7,14,14
101,Ministry of Youth Affairs and Sports ,Scouting and Guiding,1,1,2,2,1,1,2,2
101,Ministry of Youth Affairs and Sports ,Youth Hostel,1,1,29,20,2,3,3,6
101,Ministry of Youth Affairs and Sports ,Assistance to Promotion of Sports Excellence,306,306,250,250,133,133,284,284
101,Ministry of Youth Affairs and Sports ,Incentive to Sports Persons,110,110,70,70,38,38,53,53
101,Ministry of Youth Affairs and Sports ,National Sports Development Fund,77,77,50,50,7,7,25,25
101,Ministry of Youth Affairs and Sports ,National We are One for Sports Persons,1,2,2,2,2,2,2,2
101,Ministry of Youth Affairs and Sports ,Sports for India,578,578,88,88,320,320,65,65
101,Ministry of Youth Affairs and Sports ,Enhancement of Sports Facility at 75 K,50,50,50,50,25,25,50,50
101,Ministry of Youth Affairs and Sports ,Commonwealth Games,96,96,75,75,75,75,30,30
[root@localhost Desktop]# sqoop export --connect jdbc:mysql://localhost/assign -export-dir /user/root/gov_schemes/part-m-000
00 --table gov_schemes --username root
21/08/07 12:24:36 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.
21/08/07 12:24:36 INFO tool.CodeGenTool: Beginning code generation
21/08/07 12:24:36 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `gov_schemes` AS t LIMIT 1
21/08/07 12:24:36 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `gov_schemes` AS t LIMIT 1
21/08/07 12:24:36 INFO orm.CompilationManager: HADOOP_HOME is /usr/lib/hadoop
Note: /tmp/sqoop-root/tmp/compile/498e6800b5b3151254517825917c99c0/gov_schemes.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
21/08/07 12:24:37 INFO org.apache.hadoop.mapred.JobClient: Writing jar file: /tmp/sqoop-root/compile/498e6800b5b3151254517825917c99c0/gov_schemes.jar
21/08/07 12:24:37 INFO mapreduce.ExportJobBase: Beginning export of gov_schemes
21/08/07 12:24:38 WARN conf.Configuration: mapred.jar is deprecated. Instead, use mapreduce.job.jar
21/08/07 12:24:39 WARN conf.Configuration: mapred.reduce.tasks.speculative.execution is deprecated. Instead, use mapreduce.reducer.tasks.speculative.execution
21/08/07 12:24:39 WARN conf.Configuration: mapred.map.tasks.speculative.execution is deprecated. Instead, use mapreduce.map.tasks.speculative.execution
21/08/07 12:24:39 WARN conf.Configuration: mapred.map.tasks is deprecated. Instead, use mapreduce.job.maps
21/08/07 12:24:43 INFO input.FileInputFormat: Total input paths to process : 1
21/08/07 12:24:43 INFO conf.Configuration: mapred.min.split.size.per.node is deprecated. Instead, use mapreduce.input.fileinputformat.split.minsize.per.node
21/08/07 12:24:43 INFO conf.Configuration: mapred.min.split.size.per.rack is deprecated. Instead, use mapreduce.input.fileinputformat.split.minsize.per.rack
21/08/07 12:24:43 INFO input.FileInputFormat: Total input paths to process : 1
21/08/07 12:24:43 INFO mapreduce.JobSubmitter: number of splits:1
21/08/07 12:24:44 WARN conf.Configuration: mapred.job.classpath.files is deprecated. Instead, use mapreduce.job.classpath.files
21/08/07 12:24:44 WARN conf.Configuration: mapred.cache.files is deprecated. Instead, use mapreduce.job.cache.files
21/08/07 12:24:44 WARN conf.Configuration: mapred.reduce.tasks is deprecated. Instead, use mapreduce.job.reduces
21/08/07 12:24:44 WARN conf.Configuration: mapred.mapoutput.value.class is deprecated. Instead, use mapreduce.map.output.value
21/08/07 12:24:44 WARN conf.Configuration: mapred.map.class is deprecated. Instead, use mapreduce.job.map.class
21/08/07 12:24:44 WARN conf.Configuration: mapred.job.name is deprecated. Instead, use mapreduce.job.name
21/08/07 12:24:44 WARN conf.Configuration: mapreduce.inputformat.class is deprecated. Instead, use mapreduce.job.inputformat.class
21/08/07 12:24:44 WARN conf.Configuration: mapred.input.dir is deprecated. Instead, use mapreduce.input.fileinputformat.input.dir
21/08/07 12:24:44 WARN conf.Configuration: mapreduce.outputformat.class is deprecated. Instead, use mapreduce.job.outputformat.class
21/08/07 12:24:44 WARN conf.Configuration: mapred.map.tasks is deprecated. Instead, use mapreduce.job.maps
21/08/07 12:24:44 WARN conf.Configuration: mapred.cache.files.timestamps is deprecated. Instead, use mapreduce.job.cache.files.timestamps
21/08/07 12:24:44 WARN conf.Configuration: mapred.mapoutput.key.class is deprecated. Instead, use mapreduce.map.output.key.class
21/08/07 12:24:44 WARN conf.Configuration: mapred.working.dir is deprecated. Instead, use mapreduce.job.working.dir
21/08/07 12:24:46 INFO mapred.ResourceMgrDelegate: Submitted application application_1628348349432_0002 to ResourceManager at localhost/127.0.0.1:8032
21/08/07 12:24:46 INFO mapred.JobClient: The url to track the job: http://localhost.localdomain:8088/proxy/application_1628348349432_0002/
21/08/07 12:24:46 INFO mapreduce.Job: Job job_1628348349432_0002 running in uber mode : false
21/08/07 12:24:55 INFO mapreduce.Job: map 0% reduce 0%
21/08/07 12:24:58 INFO mapreduce.Job: Job job_1628348349432_0002 completed successfully
21/08/07 12:24:58 INFO mapreduce.Job: Counters: 27
  File System Counters
    FILE: Number of bytes read=120
    FILE: Number of bytes written=76662
    FILE: Number of read operations=0
    FILE: Number of large read operations=0
    FILE: Number of write operations=0
    HDFS: Number of bytes read=0
    HDFS: Number of bytes written=0
    HDFS: Number of read operations=6
    HDFS: Number of large read operations=0
    HDFS: Number of write operations=0
  Job Counters
    Launched map tasks=1
    Data-local map tasks=1
    Total time spent by all maps in occupied slots (ms)=22176
    Total time spent by all reduces in occupied slots (ms)=0
  Map-Reduce Framework
    Map input records=460
    Map output records=460
    Input split bytes=116
    Spills Record=0
    Failed Shuffles=0
    Merged Map outputs=0
    GC time elapsed (ms)=92
    CPU time spent (ms)=640
    Physical memory (bytes) snapshot=46779264
    Virtual memory (bytes) snapshot=385978368
    Total committed heap usage (bytes)=10318464
  File Input Format Counters
    Bytes Read=0
  File Output Format Counters
    Bytes Written=0
21/08/07 12:24:58 INFO mapreduce.ExportJobBase: Transferred 44.4902 KB in 19.6065 seconds (2.2692 KB/sec)
21/08/07 12:24:58 INFO mapreduce.ExportJobBase: Exported 460 records.
[root@localhost Desktop]#

```

```

Applications P File Edit View VM Tabs Help | ||| Home X Hadoop X Cloudera-Udacity-Training ... X
root@localhost:~| root@localhost:~| root@localhost:~| root@localhost:~| root@localhost:~| root@localhost:~| root@localhost:~| root@localhost:~|
File Edit View Search Terminal Help
21/08/07 12:24:44 WARN conf.Configuration: mapreduce.map.class is deprecated. Instead, use mapreduce.job.map.class
21/08/07 12:24:44 WARN conf.Configuration: mapred.job.name is deprecated. Instead, use mapreduce.job.name
21/08/07 12:24:44 WARN conf.Configuration: mapreduce.inputformat.class is deprecated. Instead, use mapreduce.job.inputformat.class
21/08/07 12:24:44 WARN conf.Configuration: mapred.input.dir is deprecated. Instead, use mapreduce.input.fileinputformat.input.dir
21/08/07 12:24:44 WARN conf.Configuration: mapreduce.outputformat.class is deprecated. Instead, use mapreduce.job.outputformat.class
21/08/07 12:24:44 WARN conf.Configuration: mapred.map.tasks is deprecated. Instead, use mapreduce.job.maps
21/08/07 12:24:44 WARN conf.Configuration: mapred.cache.files.timestamps is deprecated. Instead, use mapreduce.job.cache.files.timestamps
21/08/07 12:24:44 WARN conf.Configuration: mapred.mapoutput.key.class is deprecated. Instead, use mapreduce.map.output.key.class
21/08/07 12:24:44 WARN conf.Configuration: mapred.working.dir is deprecated. Instead, use mapreduce.job.working.dir
21/08/07 12:24:46 INFO mapred.ResourceMgrDelegate: Submitted application application_1628348349432_0002 to ResourceManager at localhost/127.0.0.1:8032
21/08/07 12:24:46 INFO mapred.JobClient: The url to track the job: http://localhost.localdomain:8088/proxy/application_1628348349432_0002/
21/08/07 12:24:46 INFO mapreduce.Job: Job job_1628348349432_0002 running in uber mode : false
21/08/07 12:24:55 INFO mapreduce.Job: map 0% reduce 0%
21/08/07 12:24:58 INFO mapreduce.Job: Job job_1628348349432_0002 completed successfully
21/08/07 12:24:58 INFO mapreduce.Job: Counters: 27
  File System Counters
    FILE: Number of bytes read=120
    FILE: Number of bytes written=76662
    FILE: Number of read operations=0
    FILE: Number of large read operations=0
    FILE: Number of write operations=0
    HDFS: Number of bytes read=0
    HDFS: Number of bytes written=0
    HDFS: Number of read operations=6
    HDFS: Number of large read operations=0
    HDFS: Number of write operations=0
  Job Counters
    Launched map tasks=1
    Data-local map tasks=1
    Total time spent by all maps in occupied slots (ms)=22176
    Total time spent by all reduces in occupied slots (ms)=0
  Map-Reduce Framework
    Map input records=460
    Map output records=460
    Input split bytes=116
    Spills Record=0
    Failed Shuffles=0
    Merged Map outputs=0
    GC time elapsed (ms)=92
    CPU time spent (ms)=640
    Physical memory (bytes) snapshot=46779264
    Virtual memory (bytes) snapshot=385978368
    Total committed heap usage (bytes)=10318464
  File Input Format Counters
    Bytes Read=0
  File Output Format Counters
    Bytes Written=0
21/08/07 12:24:58 INFO mapreduce.ExportJobBase: Transferred 44.4902 KB in 19.6065 seconds (2.2692 KB/sec)
21/08/07 12:24:58 INFO mapreduce.ExportJobBase: Exported 460 records.
[root@localhost Desktop]#

```

Sat Aug 7, 12:27 PM

Cloudera-Udacity-Training ...										
File Edit View Terminal Help										
98   Ministry of Tourism     48   40     Other Support to Tourist Infrastructure										
98   Ministry of Tourism     312   312     Overseas Promotion and Publicity including Market Development Assistance										
98   Ministry of Tourism     100   100     Domestic Promotion and Publicity including Market Development Assistance										
98   Ministry of Tourism     57   57     Assistance to IIMs/FCIs/IITs/WIS										
98   Ministry of Tourism     70   70     Capacity Building for Service Providers										
98   Ministry of Tourism     60   60     Total										
98   Ministry of Tourism     33   33     33   33     33   33     64   64										
99   Ministry of Tribal Affairs     341   421     Total										
99   Ministry of Tribal Affairs     100   100     National Fellowship and Scholarship for Higher Education of ST Students										
99   Ministry of Tribal Affairs     2   2     Scholarship to the ST Students for Studies Abroad										
99   Ministry of Tribal Affairs     129   129     Institutional Support for Development and Marketing of Tribal Products (TRIFED etc.)										
99   Ministry of Tribal Affairs     129   129     140   140     108   108     150   150										
99   Ministry of Tribal Affairs     95   95     Aid to Voluntary Organisations Working for the Welfare of Scheduled Tribes										
99   Ministry of Tribal Affairs     16   16     Eklaayu Model Residential School (EMRS)										
101   Ministry of Youth Affairs and Sports     1494   1494     Total										
101   Ministry of Youth Affairs and Sports     1494   1494     National Service Scheme										
101   Ministry of Youth Affairs and Sports     152   152     National Young Leaders Programme										
101   Ministry of Youth Affairs and Sports     11   11     National Programme for Youth and Adolescent Development										
101   Ministry of Youth Affairs and Sports     20   20     National Youth Corps										
101   Ministry of Youth Affairs and Sports     75   75     International Cooperation										
101   Ministry of Youth Affairs and Sports     19   19     Scouting and Guiding										
101   Ministry of Youth Affairs and Sports     1   1     Youth Hostel										
101   Ministry of Youth Affairs and Sports     1   1     Assistance to Promotion of Sports Excellence										
101   Ministry of Youth Affairs and Sports     306   306     Incentive to Sports Persons										
101   Ministry of Youth Affairs and Sports     110   110     National Sports Development Fund										
101   Ministry of Youth Affairs and Sports     77   77     National Welfare Fund for Sports Persons										
101   Ministry of Youth Affairs and Sports     1   1     Khelo India										
101   Ministry of Youth Affairs and Sports     576   576     Enhancement of Sports Facility at Jyoti K										
101   Ministry of Youth Affairs and Sports     50   50     Commonwealth Games										
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+										
469 rows in set (0.01 sec)										
mysql> select * from gov_schemes;										

```
root@localhost:/home/training/Desktop
File Edit View Terminal Help
[root@localhost Desktop]# hdfs dfs -rm -r /user/root/gov_schemes
Deleted /user/root/gov_schemes
[root@localhost Desktop]#
```

```

[root@localhost Desktop]# hdfs dfs -rm -r /user/root/gov_schemes
Deleted /user/root/gov_schemes
[root@localhost Desktop]# sqoop import --connect jdbc:mysql://localhost/assign --table gov_schemes --create-hive-table --hive-import --username root -m 1
21/08/07 12:33:50 INFO tool.BaseSqoopTool: Using Hive-specific delimiters for output. You can override
21/08/07 12:33:50 INFO tool.BaseSqoopTool: delimiters with --fields-separated-by, etc.
21/08/07 12:33:50 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.
21/08/07 12:33:50 INFO manager.SqlManager: Beginning code generation
21/08/07 12:33:50 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `gov_schemes` AS t LIMIT 1
21/08/07 12:33:50 INFO orm.CompilationManager: HADOOP_HOME is /usr/lib/hadoop
Note: /tmp/sqoop-root/mapreduce/application_1628348349432_0003/mapper-1411617b48acef50e/gov_schemes.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
21/08/07 12:33:51 INFO orm.CompilationManager: Writing jar file: /tmp/sqoop-root/compile/a1bf7559fc0bea0461a7b48acef50e/gov_schemes.jar
21/08/07 12:33:51 WARN manager.MySQLManager: It looks like you are importing from mysql.
21/08/07 12:33:51 WARN manager.MySQLManager: This transfer can be faster! Use the -direct
21/08/07 12:33:51 WARN manager.MySQLManager: option to exercise a MySQL-specific fast path.
21/08/07 12:33:51 INFO manager.MySQLManager: Setting zero DATETIME behavior to convertToNull (mysql)
21/08/07 12:33:51 INFO mapreduce.ImportJobBase: Beginning import of gov_schemes
21/08/07 12:33:51 WARN conf.Configuration: mapred.jar is deprecated. Instead, use mapreduce.job.jar
21/08/07 12:33:52 WARN conf.Configuration: mapred.map.tasks is deprecated. Instead, use mapreduce.job.maps

```

```

[root@localhost Desktop]# File Edit View Search Terminal Help
21/08/07 12:33:53 WARN conf.Configuration: mapped.cache.files.timestamps is deprecated. Instead, use mapreduce.job.cache.files.timestamps
21/08/07 12:33:53 WARN conf.Configuration: mapped.output.key.class is deprecated. Instead, use mapreduce.job.output.key.class
21/08/07 12:33:53 WARN conf.Configuration: mapped.working.dir is deprecated. Instead, use mapreduce.job.working.dir
21/08/07 12:33:54 INFO mapred.ResourceManager: Submitted application application_1628348349432_0003 to ResourceManager at localhost/127.0.0.1:8082
21/08/07 12:33:54 INFO mapreduce.Job: The url to track the job: http://localhost:8088/proxy/application_1628348349432_0003/
21/08/07 12:34:00 INFO mapreduce.Job: Job job_1628348349432_0003 running in uber mode : false
21/08/07 12:34:00 INFO mapreduce.Job: map 0% reduce 0%
21/08/07 12:34:03 INFO mapreduce.Job: map 100% reduce 0%
21/08/07 12:34:04 INFO mapreduce.Job: Job job_1628348349432_0003 completed successfully
21/08/07 12:34:04 INFO mapreduce.Job: Counters: 27
File System Counters
FILE: Number of bytes read=120
FILE: Number of bytes written=76172
FILE: Number of read operations=0
FILE: Number of large read operations=0
FILE: Number of write operations=0
HDFS: Number of bytes read=45436
HDFS: Number of bytes written=45436
HDFS: Number of read operations=4
HDFS: Number of large read operations=0
HDFS: Number of write operations=2

Job Counters
Launched map tasks=1
Other local map tasks=1
Total time spent by all maps in occupied slots (ms)=17856
Total time spent by all reduces in occupied slots (ms)=0

Map-Reduce Framework
Map input records=460
Map output records=460
Input split bytes=87
Spilled Records=0
Failed Shuffles=0
Merged Map outputs=0
GC time elapsed (ms)=90
CPU time spent (ms)=640
Physical memory (bytes) snapshot=483161930
Virtual memory (bytes) snapshot=385191930
Total committed heap usage (bytes)=10318464

File Input Format Counters
Bytes Read=0
Bytes Written=45436
File Output Format Counters
Bytes Written=45436

21/08/07 12:34:04 INFO mapreduce.ImportJobBase: Transferred 44,371 KB in 11.7762 seconds (3.7678 KB/sec)
21/08/07 12:34:04 INFO mapreduce.ImportJobBase: Retrieved 460 records
21/08/07 12:34:04 INFO manager.SqlManager: Executing SQL statements: SELECT t.* FROM `gov_schemes` AS t LIMIT 1
21/08/07 12:34:04 INFO hive.HiveImport: Loading uploaded data into Hive
21/08/07 12:34:06 INFO hive.HiveImport: Logging initialized using configuration in file:/etc/hive/conf.dist/hive-log4j.properties
21/08/07 12:34:06 INFO hive.HiveImport: Hive history file:/tmp/root/job.log root.202108071234.2038277888.txt
21/08/07 12:34:12 INFO hive.HiveImport: OK
21/08/07 12:34:12 INFO hive.HiveImport: Time taken: 4.261 seconds
21/08/07 12:34:12 INFO hive.HiveImport: Loading data to table default.gov_schemes
21/08/07 12:34:12 INFO hive.HiveImport: OK
21/08/07 12:34:12 INFO hive.HiveImport: Time taken: 0.365 seconds
21/08/07 12:34:12 INFO hive.HiveImport: Hive import complete.
21/08/07 12:34:12 INFO hive.HiveImport: Export directory is empty, removing it.
[root@localhost Desktop]#

```

```

Applications Pi File Edit View Search Terminal Help
File Edit View VM Tabs Help ||| Home Hadoop Cloudera-Udacity-Training ...
root@localhost:/home/damming/Desktop
File System Counters
  FILE: Number of bytes read=120
  FILE: Number of bytes written=76172
  FILE: Number of read operations=0
  FILE: Number of large read operations=0
  FILE: Number of write operations=0
  HDFS: Number of bytes read=0
  HDFS: Number of bytes written=45436
  HDFS: Number of read operations=4
  HDFS: Number of large read operations=0
  HDFS: Number of write operations=2
Job Counters
  Launched map tasks=1
  Other local map tasks=1
  Total time spent by all maps in occupied slots (ms)=17856
  Total time spent by all reduces in occupied slots (ms)=0
Map-Reduce Framework
  Map Input records=468
  Map output records=468
  Input split bytes=87
  Spilled Records=0
  Failed Shuffles=0
  Merged Map outputs=0
  GC time elapsed (ms)=90
  CPU time spent (ms)=648
  Physical memory (bytes) snapshot=40316418
  Virtual memory (bytes) snapshot=385191938
  Total committed heap usage (bytes)=16318464
File Input Format Counters
  Bytes Read=0
File Output Format Counters
  Bytes Written=15136
21/08/07 12:34:04 INFO mapreduce.ImportJobBase: Transferred 44.3711 KB in 11.7762 seconds (3.7678 KB/sec)
21/08/07 12:34:04 INFO mapreduce.ImportJobBase: Retrieved 468 records.
21/08/07 12:34:04 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `gov_schemes` AS t LIMIT 1
21/08/07 12:34:05 INFO hive.HiveImport: Loading uploaded data into Hive
21/08/07 12:34:06 INFO hive.HiveImport: Logging initialized using configuration in file:/etc/hive/conf.dist/hive-log4j.properties
21/08/07 12:34:06 INFO hive.HiveImport: Log file location is /tmp/root/hive_job_log_root_202108071234_2038277888.txt
21/08/07 12:34:12 INFO hive.HiveImport: OK
21/08/07 12:34:12 INFO hive.HiveImport: Time taken: 4.261 seconds
21/08/07 12:34:12 INFO hive.HiveImport: Loading data to table default.gov_schemes
21/08/07 12:34:12 INFO hive.HiveImport: OK
21/08/07 12:34:12 INFO hive.HiveImport: Time taken: 0.365 seconds
21/08/07 12:34:12 INFO hive.HiveImport: Hive import completed
21/08/07 12:34:12 INFO hive.HiveImport: Export directory is empty, removing it.
[root@localhost Desktop]#

```

Applications Pi File Edit View VM Tabs Help | | | Home Hadoop Cloudera-Udacity-Training ...

HDFS:/user/hive/warehouse/gov\_schemes/part-m-00000 Mozilla Firefox

File: /user/hive/warehouse/gov\_schemes/part-m-00000

Goto: [/user/hive/warehouse/gov\_schemes/part-m-00000] Go

[Go back to dir listing](#) [Advanced view/download options](#)

[View Next chunk](#)

1/Department of Agriculture| Cooperation and Farmers' Welfare|0031843|81843|0116499|0103162|085162|095019  
 1/Department of Agriculture| Cooperation and Farmers' Welfare|00312639|12639|15695|15695|15695|15695|15695|16000  
 1/Department of Agriculture| Cooperation and Farmers' Welfare|00316219|16219|21175|21175|19832|19832|19832|19468  
 1/Department of Agriculture| Cooperation and Farmers' Welfare|00312085|2085|2080|2090|1994|1994|1994|1591  
 1/Department of Agriculture| Cooperation and Farmers' Welfare|00312734|2734|15600|15600|15600|15600|15600|15600  
 1/Department of Agriculture| Cooperation and Farmers' Welfare|00312740|2740|15600|15600|15600|15600|15600|15600  
 1/Department of Agriculture| Cooperation and Farmers' Welfare|003140714|40714|75900|75900|65000|65000|65000|65000  
 1/Department of Agriculture| Cooperation and Farmers' Welfare|003125120|120|220|220|50|50|50|50  
 2/Department of Agricultural Research and Education|Agricultural Extension|00312723|2723|2723|2723|2723|2723|2723|2728  
 2/Department of Agricultural Research and Education|Agricultural Extension|00312451|2451|2451|2451|2451|2451|2451|2451  
 2/Department of Agricultural Research and Education|Agricultural Engineering|00316470|70|70|59|59|59|59|59  
 2/Department of Agricultural Research and Education|Climate Resilient Agriculture Initiative|0031465|465|52|52|52|50|50|55|55  
 2/Department of Agricultural Research and Education|Crop Protection|0031748|748|748|748|748|748|748|748  
 2/Department of Agricultural Research and Education|Agricultural Science Fund|003109183|183|183|183|183|183|183|183  
 2/Department of Agricultural Research and Education|National Agricultural Science Fund|00310935|935|935|935|935|935|935|935  
 2/Department of Agricultural Research and Education|Animal Science|0031010|330|330|274|274|274|274|302|302  
 2/Department of Agricultural Research and Education|Agricultural Science|0031042|42|42|42|42|42|42|42|42  
 2/Department of Agricultural Research and Education|Agricultural Universities and Institutions|0031458|458|458|458|458|458|458|458|458  
 2/Department of Agricultural Research and Education|Economic Statistics and Management|0031082|82|82|82|82|82|82|82|82  
 2/Department of Agriculture| [Total]|0031235|235|235|235|235|235|235|235|235  
 5/Department of Chemicals and Petrochemicals| [Total]|0031575|575|575|575|575|575|575|575|575  
 5/Department of Chemicals and Petrochemicals| Chemical Promotion and Development Scheme|0031404|404|404|404|404|404|404|404|404  
 5/Department of Chemicals and Petrochemicals| Chemical Promotion and Development Scheme|0031404|404|404|404|404|404|404|404|404  
 5/Department of Chemicals and Petrochemicals| Promotion of Petrochemical|0031254|254|254|254|254|254|254|254|254  
 6/Department of Fertilisers| [Total]|0031124|124|124|124|124|124|124|124|124  
 6/Department of Fertilisers| [Total]|0031124|124|124|124|124|124|124|124|124  
 6/Department of Fertilisers| [Total]|0031124|124|124|124|124|124|124|124|124  
 Download this file [Tail this file](#) Chunk size to view (in bytes, up to file's DFS block size): 32768 Refresh

Total number of blocks: 1  
 4780860983775096505: [127.0.0.1:50010 View Block Info](#)

[Go back to DFS home](#)

Local logs

```

Applications Pi File Edit View VM Tabs Help Home Hadoop Cloudera-Udacity-Training ... Desktop
File Edit View Search Terminal Help
21/08/07 12:34:06 INFO hive.HiveImport: Hive history file=/tmp/root/hive_job_log_root_202108071234_2038277888.txt
21/08/07 12:34:12 INFO hive.HiveImport: OK
21/08/07 12:34:12 INFO hive.HiveImport: Time taken: 4.261 seconds
21/08/07 12:34:12 INFO hive.HiveImport: Loading data to table default.gov_schemes
21/08/07 12:34:12 INFO hive.HiveImport: OK
21/08/07 12:34:12 INFO hive.HiveImport: Time taken: 0.365 seconds
21/08/07 12:34:12 INFO hive.HiveImport: Hive import complete.
21/08/07 12:34:12 INFO hive.HiveImport: Export directory is empty, removing it.
[root@localhost Desktop]# find / -name hbase.services.sh
[root@localhost Desktop]#
[root@localhost Desktop]# find / -name *services.sh
/etc/vmware-tools/services.sh
[root@localhost Desktop]# vi hbase.services.sh
[root@localhost Desktop]# sh hbase.services.sh
JMX enabled by default
Using port 6181
Starting zookeeper... STARTED
master running as process 2139. Stop it first.
starting regionserver, logging to /var/log/hbase/hbase-regionserver-localhost.localdomain.out
[root@localhost Desktop]# jps
2387 NameNode
2878 ResourceManager
9608 Jps
2552 NodeManager
2205 DataNode
3495 RunJar
2139 HMaster
2411 JobHistoryServer
[root@localhost Desktop]# sqoop import --hbase-create-table --hbase-table HBaseSchem --column-family gov_schemes --hbase-row-key-id=connect jdbc:mysql://localhost:asymn --table gov_schemes --username root -m 1
21/08/07 12:49:29 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.
21/08/07 12:49:29 INFO tool.CodeGenTool: Beginning code generation
21/08/07 12:49:29 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM 'gov_schemes' AS t LIMIT 1
21/08/07 12:49:29 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM 'gov_schemes' AS t LIMIT 1
21/08/07 12:49:29 INFO manager.SqlManager: Mkdirs home: /var/lib/sqoop
Note: /tmp/sqoop-root/tmp/compile/dbffadaf42cc35743c506d292f742b7/gov_schemes.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
21/08/07 12:49:30 INFO orm.CompilationManager: Writing jar file: /tmp/sqoop-root/tmp/compile/dbffadaf42cc35743c506d292f742b7/gov_schemes.jar
21/08/07 12:49:30 WARN manager.MySQLManager: It looks like you are importing from mysql.
21/08/07 12:49:30 WARN manager.MySQLManager: This transfer can be faster! Use the -direct
21/08/07 12:49:30 WARN manager.MySQLManager: option to exercise a MySQL-specific fast path.
21/08/07 12:49:30 INFO manager.MySQLManager: Setting zero DATETIME behavior to convertToNull (mysql)
21/08/07 12:49:30 INFO mapreduce.ImportJobBase: Beginning import of gov_schemes
21/08/07 12:49:30 WARN conf.Configuration: mapred.jar is deprecated. Instead, use mapreduce.job.jar
21/08/07 12:49:31 WARN conf.Configuration: mapred.map.tasks is deprecated. Instead, use mapreduce.job.maps
21/08/07 12:49:31 WARN conf.Configuration: mapred.reduce.tasks is deprecated. Instead, use mapreduce.job.reduces
21/08/07 12:49:31 WARN conf.Configuration: mapred.output.value.class is deprecated. Instead, use mapreduce.job.output.value.class
21/08/07 12:49:31 WARN conf.Configuration: mapreduce.map.class is deprecated. Instead, use mapreduce.job.map.class
21/08/07 12:49:31 WARN conf.Configuration: mapreduce.inputformat.class is deprecated. Instead, use mapreduce.job.inputformat.class
21/08/07 12:49:31 WARN conf.Configuration: mapreduce.outputformat.class is deprecated. Instead, use mapreduce.job.outputformat.class
21/08/07 12:49:31 WARN conf.Configuration: mapred.map.tasks is deprecated. Instead, use mapreduce.job.maps
21/08/07 12:49:31 WARN conf.Configuration: mapred.output.key.class is deprecated. Instead, use mapreduce.job.output.key.class
21/08/07 12:49:31 WARN commands (-De...) HDFS:/user/hive/ware...

```

```

Applications Pi File Edit View VM Tabs Help Home Hadoop Cloudera-Udacity-Training ... Desktop
File Edit View Search Terminal Help
21/08/07 12:49:32 INFO zookeeper.ClientCnxn: Session establishment complete on server localhost.localdomain/127.0.0.1:2181, s
essionid = 0x17b211f910004, negotiated timeout = 40000
21/08/07 12:49:32 INFO zookeeper.ClientCnxn: The identifier of this process is 9695@localhost.localdomain
21/08/07 12:49:32 INFO zookeeper.ClientCnxn: EventThread shut down
21/08/07 12:49:32 INFO zookeeper.ZooKeeper: Session: 0x17b211f97910004 closed
21/08/07 12:49:32 INFO mapreduce.Job: mapred.map.tasks is deprecated. Instead, use mapreduce.job.maps
21/08/07 12:49:37 WARN mapreduce.JobSubmitter: number of splits=1
21/08/07 12:49:37 WARN conf.Configuration: mapred.job.classpath.files is deprecated. Instead, use mapreduce.job.classpath.files
21/08/07 12:49:37 WARN conf.Configuration: mapred.cache.files is deprecated. Instead, use mapreduce.job.cache.files
21/08/07 12:49:37 WARN conf.Configuration: mapred.job.name is deprecated. Instead, use mapreduce.job.name
21/08/07 12:49:37 WARN conf.Configuration: mapred.cache.files.timestamp is deprecated. Instead, use mapreduce.job.cache.file
.b.timestamp
21/08/07 12:49:37 WARN conf.Configuration: mapred.working.dir is deprecated. Instead, use mapreduce.job.working.dir
21/08/07 12:49:39 INFO mapred.ResourceMgrDelegate: Submitted application application_1628348349432_0004 to ResourceManager at localhost/127.0.0.1:8832
21/08/07 12:49:39 INFO mapreduce.Job: The url to track the job: http://localhost.localdomain:8088/proxy/application_1628348349432_0004/
21/08/07 12:49:39 INFO mapreduce.Job: Running job: job_1628348349432_0004
21/08/07 12:49:45 INFO mapreduce.Job: Job: Job_1628348349432_0004 running in uber mode : false
21/08/07 12:49:45 INFO mapreduce.Job: map %0 reduce 0%
21/08/07 12:50:02 INFO mapreduce.Job: Job job_1628348349432_0004 completed successfully
21/08/07 12:50:02 INFO mapreduce.Job: Counters: 26
  File System Counters
    FILE: Number of bytes read=120
    FILE: Number of bytes written=91084
    FILE: Number of read operations=0
    FILE: Number of large read operations=0
    HDFS: Number of bytes read=87
    HDFS: Number of bytes written=0
    HDFS: Number of read operations=1
    HDFS: Number of large read operations=0
    HDFS: Number of write operations=0
  Job Counters
    Launched map tasks=1
    Other local map tasks=1
    Total time spent by all maps in occupied slots (ms)=125656
  Map-Reduce Framework
    Map input records=460
    Map output records=460
    Input split bytes=87
    SQL: Number of reads=0
    Failed Shuffles=0
    Merged Map outputs=0
    GC Time elapsed (ms)=150
    CPU time spent (ms)=1450
    Physical memory (bytes) snapshot=51126272
    Virtual memory (bytes) snapshot=385998848
    Total committed heap usage (bytes)=16318464
  File Input Format Counters
    Bytes Read=0
  File Output Format Counters
    Bytes Written=0
21/08/07 12:56:02 INFO mapreduce.ImportJobBase: Transferred 0 bytes in 29.0649 seconds (0 bytes/sec)
21/08/07 12:56:02 INFO mapreduce.ImportJobBase: Retrieved 460 records.
[root@localhost Desktop]#

```

```
Parag Mandavkar Pranav Deshpande Apeksha Patil G7 Samadhan
File Edit View Search Terminal Help
File Edit View VM Tabs Help ||| Home Hadoop Cloudera-Udacity-Training ...
root@localhost:/home/training/Desktop
[1] 12:49:45 INFO mapreduce.Job: Job job_1628348349432_0004 running in uber mode : false
[21/08/07 12:49:45 INFO mapreduce.Job: map 0% reduce 0%
[21/08/07 12:50:02 INFO mapreduce.Job: map 100% reduce 0%
[21/08/07 12:50:02 INFO mapreduce.Job: Job job_1628348349432_0004 completed successfully
[21/08/07 12:50:02 INFO mapreduce.Job: Counters: 26
File System Counters
FILE: Number of bytes read=120
FILE: Number of bytes written=91084
FILE: Number of read operations=0
FILE: Number of large read operations=0
FILE: Number of write operations=0
HDFS: Number of bytes read=87
HDFS: Number of bytes written=0
HDFS: Number of read operations=1
HDFS: Number of large read operations=0
HDFS: Number of write operations=0
Job Counters
Launched map tasks=1
Other local map tasks=1
Total time spent by all maps in occupied slots (ms)=125656
Map-Reduce Framework
Map input records=466
Map output records=466
Input split bytes=87
Spilled Records=0
Failed Shuffles=0
Merged Map outputs=0
GC time elapsed (ms)=150
CPU time spent (ms)=1450
Physical memory (bytes) snapshot=51126272
Virtual memory (bytes) snapshot=385998848
Total committed heap usage (bytes)=16318464
File Input Format Counters
Bytes Read=0
File Output Format Counters
Bytes Written=0
21/08/07 12:50:02 INFO mapreduce.ImportJobBase: Transferred 0 bytes in 29.0649 seconds (0 bytes/sec)
21/08/07 12:50:02 INFO mapreduce.ImportJobBase: Retrieved 466 records.
[root@localhost Desktop]$ hbase shell
21/08/07 13:04:27 WARN conf.Configuration: hadoop.native.lib is deprecated. Instead, use io.native.lib.available
HBase Shell; enter 'help' or 'RETURN' for list of supported commands.
Type 'exit' or 'RETURN' to leave the HBase Shell
Version 0.92.1-cdh4.1.1, rUnknown, Tue Oct 16 11:44:19 PDT 2012

hbase(main):001:0> ls
NameError: undefined local variable or method `ls' for #<Object:0xb951f2>
hbase(main):002:0> list
TABLE
HBgov_sches
1 row(s) in 0.7870 seconds
hbase(main):003:0> flush 'HBgov_sches'
0 row(s) in 0.1560 seconds
hbase(main):004:0> 
```

```
File Edit View Search Terminal Help
File Edit View VM Tabs Help ||| Home Hadoop Cloudera-Udacity-Training ...
root@localhost:/home/training/Desktop
[1] 12:49:45 INFO mapreduce.Job: Job job_1628348349432_0004 running in uber mode : false
[21/08/07 12:49:45 INFO mapreduce.Job: map 0% reduce 0%
[21/08/07 12:50:02 INFO mapreduce.Job: map 100% reduce 0%
[21/08/07 12:50:02 INFO mapreduce.Job: Job job_1628348349432_0004 completed successfully
[21/08/07 12:50:02 INFO mapreduce.Job: Counters: 26
File System Counters
FILE: Number of bytes read=120
FILE: Number of bytes written=91084
FILE: Number of read operations=0
FILE: Number of large read operations=0
FILE: Number of write operations=0
HDFS: Number of bytes read=87
HDFS: Number of bytes written=0
HDFS: Number of read operations=1
HDFS: Number of large read operations=0
HDFS: Number of write operations=0
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File Input Format Counters
Bytes Read=0
File Output Format Counters
Bytes Written=0
21/08/07 12:50:02 INFO mapreduce.ImportJobBase: Transferred 0 bytes in 29.0649 seconds (0 bytes/sec)
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21/08/07 13:04:27 WARN conf.Configuration: hadoop.native.lib is deprecated. Instead, use io.native.lib.available
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Version 0.92.1-cdh4.1.1, rUnknown, Tue Oct 16 11:44:19 PDT 2012

hbase(main):001:0> ls
NameError: undefined local variable or method `ls' for #<Object:0xb951f2>
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TABLE
HBgov_sches
1 row(s) in 0.7870 seconds
hbase(main):003:0> flush 'HBgov_sches'
0 row(s) in 0.1560 seconds
[root@localhost Desktop]$ sqoop import --hbase-create-table --hbase-table HBgov_sches --column-family gov_schemes --hbase-row-key id --connect jdbc:mysql://localhost/assign --table gov_schemes --username root -m 1
```

Sat Aug 7, 1:03 PM

File Edit View History Bookmarks Tools Help

HDFileSystem:base/Hgov\_sches/tableinfo.0000000001

localhost.localdomain:50075/browseBlock.jsp?blockId=8296106853452758790&blockSize=5416&genStamp=15786&filename=%2FHbase%2FHBgov\_sches%2Ftableinfo.0000000001&datanodePort=50010

The Platform for Big Data

Hadoop JobTracker Hadoop NameNode

File: /base/Hgov\_sches/tableinfo.0000000001

Go to /base/Hgov\_sches [go]

Go back to file listing Advanced view/download options

File: /base/Hgov\_sches/tableinfo.0000000001

Download this file

Tell this file

Chunk size to view (in bytes, up to file's DFS block size): 32768 Refresh

Total number of blocks: 1

-6296106853452758790: 127.0.0.1:50010 View Block Info

Go back to DFS home

Local logs

File: /base/Hgov\_sches/tableinfo.0000000001

Download this file

Tell this file

Chunk size to view (in bytes, up to file's DFS block size): 32768 Refresh

Total number of blocks: 1

-6296106853452758790: 127.0.0.1:50010 View Block Info

Go back to DFS home

Local logs