

Activities Terminal Mon 21:25 ~ hduser@sreeraj: ~

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File Edit View Search Terminal Help
49564 My Hope America with Billy Graham: Lose to Gain 2013 3.4 1400
49565 American Addict 2013 3.5 5377
49566 My Hope America with Billy Graham 2013 3.9 2628
49567 El Fuentes: 2997 MP10 2013 2.7 470
49568 El Fuentes: 25 MP10 2013 2.9 464
49569 El Fuentes: 24 MP10 2013 2.8 484
49570 El Fuentes: 23976 MP10 2013 2.9 484
49571 The Short Game (Trailer) 2013 4.1 156
49572 El Fuentes: 5994 MP10 2013 2.8 471
49573 El Fuentes: 58 MP10 2013 2.9 464
49574 El Fuentes: 38 MP10 2013 2.8 470
49575 Greg Flitziwmons: Life on Stage 2013 3.3 3671
49576 Dave Foley: Relatively Well 2013 3.2 3446
49577 Barbie: Life in the Dreamhouse: Barbie Life in the Dreamhouse: Best of Family 2013 3.4 1390
49578 Barbie: Life in the Dreamhouse: Barbie Life in the Dreamhouse: Best of Friends 2013 3.4 1458
49579 Transformers Prime Beast Hunters: Predacons Rising 2013 4.2 3950
49580 Underground: The Julian Assange Story 2012 3.7 5665
49581 Curious George: A Very Monkey Christmas 2009 3.8 3438
49582 Mumpfie's White Christmas 1996 2.4 1350
49583 Lady Gaga The Muppets' Holiday Spectacular 2013 3.1 3496
49584 Sunset Strip 2012 3.0 5770
49585 Silver Bells 2013 3.5 5287
49586 Winter Wonderland 2013 2.8 1812
49587 Top Gear: Series 19: Africa Special 2013 3.4 6822
49588 Fireplace For Your Home: Crackling Fireplace with Music 2010 3.4 3610
49589 Kate Plus Eight 2010 2.7 2628
49590 Kate Plus Eight: Season 1 2010 2.7 2628
Time taken: 0.224 seconds, Fetched: 49589 row(s)

hive> select count(*) from movies;
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 = hduser_20230327212358_719ded25-83f2-4241-83fe-36084198e9de
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_1679931013657_0001, Tracking URL = http://sreeraj:8088/proxy/application_1679931013657_0001/
Kill Command = /home/hduser/.hadoop/bin/hadoop job -kill job_1679931013657_0001
Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1
2023-03-27 21:24:11,558 Stage-1 map = 0%, reduce = 0%
2023-03-27 21:24:17,954 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 3.77 sec
2023-03-27 21:24:25,265 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 7.9 sec
MapReduce Total cumulative CPU time: 7 seconds 900 msec
Ended Job = job_1679931013657_0001
MapReduce Jobs Launched:
Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 7.9 sec HDFS Read: 3118272 HDFS Write: 105 SUCCESS
Total MapReduce CPU Time Spent: 7 seconds 900 msec
OK
49589
Time taken: 28.653 seconds, Fetched: 1 row(s)
hive> 
```

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Activities Terminal Tue 12:44:00
File Edit View Search Terminal Help
Laptop battery low
Approximately 39 minutes remaining (10%)


```
at org.apache.hadoop.hive.cli.CliDriver.main(CliDriver.java:686)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:498)
at org.apache.hadoop.util.RunJar.run(RunJar.java:244)
at org.apache.hadoop.util.RunJar.main(RunJar.java:158)
FAILED: ParseException line 1:41 cannot recognize input near 'distinct' 'from' 'movies' in selection target
hive> create view duplicate as select count(*) from movies;
OK
Time taken: 0.979 seconds
hive> select distinct * from duplicate;
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 = huser_20230328124241_3e6e5dc4-313a-4631-9350-d56a9dd2f3aa
Total jobs = 2
Launching Job 1 out of 2
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_1679986441154_0004, Tracking URL = http://sreeraj:8088/proxy/application_1679986441154_0004/
Kill Command = /home/huser/hadoop/bin/hadoop job -kill job_1679986441154_0004
Hadoop job Information for Stage-1: number of mappers: 1; number of reducers: 1
2023-03-28 12:43:51,617 Stage-1 map = 0%, reduce = 0%
2 DocumentViewer 57,915 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 3.45 sec
2023-03-28 12:43:55,242 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 6.6 sec
MapReduce Total cumulative CPU time: 6 seconds 600 msec
Ended Job = job_1679986441154_0004
Launching Job 2 out of 2
Number of reduce tasks not specified. Estimated from input data size: 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_1679986441154_0005, Tracking URL = http://sreeraj:8088/proxy/application_1679986441154_0005/
Kill Command = /home/huser/hadoop/bin/hadoop job -kill job_1679986441154_0005
Hadoop job Information for Stage-2: number of mappers: 1; number of reducers: 1
2023-03-28 12:43:19,510 Stage-2 map = 0%, reduce = 0%
2023-03-28 12:43:24,814 Stage-2 map = 100%, reduce = 0%, Cumulative CPU 1.94 sec
2023-03-28 12:43:32,071 Stage-2 map = 100%, reduce = 100%, Cumulative CPU 5.29 sec
MapReduce Total cumulative CPU time: 5 seconds 290 msec
Ended Job = job_1679986441154_0005
MapReduce Jobs Launched:
Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 6.6 sec HDFS Read: 3117637 HDFS Write: 116 SUCCESS
Stage-Stage-2: Map: 1 Reduce: 1 Cumulative CPU: 5.29 sec HDFS Read: 4949 HDFS Write: 105 SUCCESS
Total MapReduce CPU Time Spent: 11 seconds 890 msec
OK
49589
Time taken: 52.391 seconds, Fetched: 1 row(s)
hive>
```


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File Edit View Search Terminal Help
120 Go West 1925 3.5 4101
174 Sally of the Sawdust 1925 2.9 6852
396 Seven Chances 1925 3.6 3402
496 Strike 1925 3.4 5321
136 The Battleship Potemkin 1925 3.6 4153
42668 Die Nibelungen: Kriemhild's Revenge 1924 3.1 7878
42669 Siegfried 1924 3.2 9085
22804 Sherlock Jr. 1924 3.9 2648
5260 The Hands of Orlac 1924 2.9 6776
206 The Thief of Bagdad 1924 3.3 8921
101 The Hunchback of Notre Dame 1923 3.5 6750
210 Three Ages 1923 3.4 3803
2560 Warning Shadows 1923 2.5 5135
22803 Our Hospitality 1923 3.6 7055
42640 The Man From Beyond 1922 2.6 4016
1832 Dr. Mabuse: The Gambler 1922 3.1 16422
3 Orphans of the Storm 1921 3.2 9062
2746 The Wildcat 1921 2.5 4919
2745 Anna Boleyn 1920 2.4 7118
2744 One Arabian Night 1920 2.5 6203
189 Way Down East 1920 3.0 8985
62 Dr. Jekyll and Mr. Hyde 1920 3.2 4679
42676 Headin' Home 1920 2.7 4390
79 The Mark of Zorro 1920 3.1 6433
44628 Harakiri 1919 2.1 5236
11 Broken Blossoms 1919 3.3 5367
42670 The Doll 1919 2.7 3847
42650 I Don't Want To Be A Man 1918 2.5 2692
369 Intolerance 1916 3.2 11873
13 The Birth of a Nation 1915 2.9 12118
20058 Charlie Chaplin Collection: Shorts: A Night In the Show The Bank 1914 3.4 2907
20068 Charlie Chaplin Collection: Shorts: The Rink The Floorwalker 1914 3.4 2851
20059 Charlie Chaplin Collection: Shorts: A Night Out Kid Auto Races In Venice Cruel Cruel Love; Film Johnny 1914 3.4 3423
42673 Fantomas V: The False Magistrate 1914 2.4 4247
42672 Fantomas IV: Fantomas vs. Fantomas 1914 2.5 3590
20069 Charlie Chaplin Collection: Shorts: One A.M. The Pawnshop 1914 3.4 2712
20067 Charlie Chaplin Collection: Shorts 1914 3.8 2628
610 Cabiria 1914 2.9 7684
20057 Charlie Chaplin Collection: Shorts: By the Sea His Regeneration Mabel at the Wheel 1914 3.4 2610
29801 Charlie Chaplin Collection 1914 3.8 2628
20056 Charlie Chaplin Collection: Shorts: Behind the Screen The Knockout Between Showers 1914 3.4 3520
20055 Charlie Chaplin Collection: Shorts: His New Job A Jitney Elopement 1914 3.4 3405
20054 Charlie Chaplin Collection: Shorts: The Immigrant Easy Street 1914 3.4 2845
20066 Charlie Chaplin Collection: Shorts: The Count The Cure 1914 3.4 2862
20053 Charlie Chaplin Collection: Shorts: The Champion The Vagabond 1914 3.4 3400
20065 Charlie Chaplin Collection: Shorts: The Fireman The Adventurer 1914 3.4 2842
20064 Charlie Chaplin Collection: Shorts: The Tramp Police 1914 3.4 3119
20063 Charlie Chaplin Collection: Shorts: Shanghaied Triple Trouble 1914 3.4 3013
20062 Charlie Chaplin Collection: Shorts: A Woman Rival Masher 1914 3.4 3060
20061 Charlie Chaplin Collection: Shorts: Work In the Park Good For Nothing 1914 3.4 3357
42665 Fantomas I: In the Shadow of the Guillotine 1913 2.9 3268
14328 Fantomas III: The Murderous Corpse 1913 2.6 5432
42671 Fantomas II: Juve vs. Fantomas 1913 2.7 3718
Time taken: 24.403 seconds. Fetched: 49589 row(s)
hive> select * from movies order by year desc;[]

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Activities Terminal
File Edit View Search Terminal Help
20058 Charlie Chaplin Collection: Shorts: A Night In the Show The Bank 1914 3.4 2907
20068 Charlie Chaplin Collection: Shorts: The Rink The Floorwalker 1914 3.4 2851
42673 Fantomas V: The False Magistrate 1914 2.4 4247
42672 Fantomas IV: Fantomas vs. Fantomas 1914 2.5 3590
20060 Charlie Chaplin collection: Shorts: One A.M. The Pawnshop 1914 3.4 2712
20067 Charlie Chaplin collection: Shorts 1914 3.8 2628
619 Cabiria 1914 2.9 7684
20057 Charlie Chaplin Collection: Shorts: By the Sea His Regeneration Mabel at the Wheel 1914 3.4 2610
29801 Charlie Chaplin Collection 1914 3.8 2628
20056 Charlie Chaplin Collection: Shorts: Behind the Screen The Knockout Between Showers 1914 3.4 3520
20055 Charlie Chaplin Collection: Shorts: His New Job A Jitney Elopement 1914 3.4 3405
20054 Charlie Chaplin Collection: Shorts: The Immigrant Easy Street 1914 3.4 2845
20066 Charlie Chaplin Collection: Shorts: The Count The Cure 1914 3.4 2862
20053 Charlie Chaplin Collection: Shorts: The Champion The Vagabond 1914 3.4 3400
20065 Charlie Chaplin Collection: Shorts: The Fireman The Adventurer 1914 3.4 2842
20064 Charlie Chaplin Collection: Shorts: The Tramp Police 1914 3.4 3119
20063 Charlie Chaplin Collection: Shorts: Shanghaied Triple Trouble 1914 3.4 3013
20062 Charlie Chaplin Collection: Shorts: A Woman Rival Mashers 1914 3.4 3060
20061 Charlie Chaplin Collection: Shorts: Work In the Park Good For Nothing 1914 3.4 3357
42665 Fantomas I: In the Shadow of the Guillotine 1913 2.9 3268
42628 Fantomas III: The Murderous Corpse 1913 2.6 5432
42671 Fantomas II: Juve vs. Fantomas 1913 2.7 3718
Time taken: 25.394 seconds, Fetched: 49589 row(s)
hive> select movie,year,rating from movies order by rating desc limit 5;
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 = hduser_20230327221901_13ac2b8b-1a63-42d6-9c9b-f5add35e1133
T. DocumentViewer
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_1679931013657_0008, Tracking URL = http://sreeraj:8088/proxy/application_1679931013657_0008/
Kill Command = /home/hduser/hadoop/bin/hadoop job -kill job_1679931013657_0008
Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1
2023-03-27 22:19:18,127 Stage-1 map = 0%, reduce = 0%
2023-03-27 22:19:17,468 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 4.35 sec
2023-03-27 22:19:23,741 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 7.05 sec
MapReduce Total cumulative CPU time: 7 seconds 50 msec
Ended Job = job_1679931013657_0008
MapReduce Jobs Launched:
Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 7.05 sec HDFS Read: 3117995 HDFS Write: 319 SUCCESS
Total MapReduce CPU Time Spent: 7 seconds 50 msec
OK
Breaking Bad: Season 3 2010 4.5
Breaking Bad: Season 2 2009 4.5
The Walking Dead: Season 1 2010 4.5
Lilyhammer: Season 2 (Trailer) 2013 4.5
Breaking Bad: Season 1 2008 4.5
Time taken: 23.837 seconds, Fetched: 5 row(s)
hive> []

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Activities Terminal Mon 22:20 ~
hduser@sreera: ~

File Edit View Search Terminal Help
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_1679931013657_0008, Tracking URL = http://sreeraj:8088/proxy/application_1679931013657_0008/
Kill Command = /home/hduser/hadoop/bin/hadoop job -kill job_1679931013657_0008
Hadoop job Information for Stage-1: number of mappers: 1; number of reducers: 1
2023-03-27 22:19:10,127 Stage-1 Map = 0%, reduce = 0%
2023-03-27 22:19:17,468 Stage-1 Map = 100%, reduce = 0%, Cumulative CPU 4.35 sec
2023-03-27 22:19:23,741 Stage-1 Map = 100%, reduce = 100%, Cumulative CPU 7.05 sec
MapReduce Total cumulative CPU time: 7 seconds 50 msec
Ended Job = job_1679931013657_0008
MapReduce Jobs Launched:
Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 7.05 sec HDFS Read: 3117995 HDFS Write: 319 SUCCESS
Total MapReduce CPU Time Spent: 7 seconds 50 msec
OK
Breaking Bad: Season 3 2010 4.5
Breaking Bad: Season 2 2009 4.5
The Walking Dead: Season 1 2010 4.5
The Walking Dead: Season 2 (Trailer) 2013 4.5
Breaking Bad: Season 1 2008 4.5
Time taken: 23.837 seconds, Fetched: 5 row(s)
hive> select movie,year,rating from movies order by rating asc limit 3;
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 = hduser_2023032722026_a7f74d63-07d9-4ab5-9f2e-f93c182d3c05
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_1679931013657_0009, Tracking URL = http://sreeraj:8088/proxy/application_1679931013657_0009/
Kill Command = /home/hduser/hadoop/bin/hadoop job -kill job_1679931013657_0009
Hadoop job Information for Stage-1: number of mappers: 1; number of reducers: 1
2023-03-27 22:20:35,263 Stage-1 Map = 0%, reduce = 0%
2023-03-27 22:20:41,501 Stage-1 Map = 100%, reduce = 0%, Cumulative CPU 3.21 sec
2023-03-27 22:20:48,757 Stage-1 Map = 100%, reduce = 100%, Cumulative CPU 6.99 sec
MapReduce Total cumulative CPU time: 6 seconds 990 msec
Ended Job = job_1679931013657_0009
MapReduce Jobs Launched:
Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 6.99 sec HDFS Read: 3117995 HDFS Write: 197 SUCCESS
Total MapReduce CPU Time Spent: 6 seconds 990 msec
OK
Sun Yaar Chill Maar 2007 1.4
Sun Yaar Chill Maar 2007 1.4
Lagegi 2007 1.4
Time taken: 22.973 seconds, Fetched: 3 row(s)
Hive []

```

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hduser@sreeraj: ~
File Edit View Search Terminal Help
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_1679931013657_0010, Tracking URL = http://sreeraj:8088/proxy/application_1679931013657_0010/
Kill Command = /home/hduser/hadoop/bin/hadoop job -kill job_1679931013657_0010
Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1
2023-03-27 22:22:08,592 Stage-1 map = 0%, reduce = 0%
2023-03-27 22:22:08,904 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 4.56 sec
2023-03-27 22:22:14,183 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 8.12 sec
MapReduce Total cumulative CPU time: 8 seconds 120 msec
Ended Job = job_1679931013657_0010
MapReduce Jobs Launched:
Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 8.12 sec HDFS Read: 3117995 HDFS Write: 197 SUCCESS
Total MapReduce CPU Time Spent: 8 seconds 120 msec
OK
Sun Yaar Chill Maar    2007    1.4
Sun Yaar Chill Maar    2007    1.4
Lagegi 2007    1.4
Time taken: 23.473 seconds, Fetched: 3 row(s)
hive> select movie,year,rating from movies order by rating desc limit 5;
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 = hduser_20230327222412_c651cfa5-2c15-43b6-9409-4331cecc5d0a
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_1679931013657_0011, Tracking URL = http://sreeraj:8088/proxy/application_1679931013657_0011/
Kill Command = /home/hduser/hadoop/bin/hadoop job -kill job_1679931013657_0011
Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1
2023-03-27 22:24:28,753 Stage-1 map = 0%, reduce = 0%
2023-03-27 22:24:27,926 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 4.44 sec
2023-03-27 22:24:33,236 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 7.9 sec
MapReduce Total cumulative CPU time: 7 seconds 900 msec
Ended Job = job_1679931013657_0011
MapReduce Jobs Launched:
Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 7.9 sec HDFS Read: 3117988 HDFS Write: 319 SUCCESS
Total MapReduce CPU Time Spent: 7 seconds 900 msec
OK
Breaking Bad: Season 3 2010    4.5
Breaking Bad: Season 2 2009    4.5
The Walking Dead: Season 1 2010    4.5
Lilyhammer: Season 2 (Trailer) 2013    4.5
Breaking Bad: Season 1 2008    4.5
Time taken: 22.87 seconds, Fetched: 5 row(s)
hive> select year,count(*) as abc from movies group by year order by abc desc;[]
```

```
File Edit View Search Terminal Help
hduser@sreeraj: ~
Stage:stage-2, map: 1 REDUCE: 1 CUMULATIVE CPU: 0.44 SEC  HDFS REB: 7122 HDFS WRITE: 2100 SUCCESS
Total MapReduce CPU Time Spent: 13 seconds 290 msec
OK
2011 5511
2010 5107
2009 4451
2012 4339
2008 3358
2007 2892
2006 2416
2005 1937
2003 1399
2004 1381
1999 1181
2001 1173
2002 1117
2013 981
2000 902
1998 843
1997 788
1996 688
1995 592
1993 563
1994 517
1992 479
1990 470
1989 421
1991 364
1985 334
1988 334
1984 303
1986 287
1987 280
1967 279
1983 270
1978 231
1974 178
1968 173
1973 168
1972 166
1982 153
1970 141
1979 140
1977 136
1975 134
1971 131
1964 126
1969 124
1962 124
1968 123
1961 119
1976 118
1981 112
1980 107
1965 104
```

Activities Terminal

Mon 22:26 8
hduser@sreera: ~

```
File Edit View Search Terminal Help
1976 118
1981 112
1988 107
1965 104
1966 103
1957 98
1963 88
1959 87
1958 73
1956 66
1951 33
1914 26
1953 17
1954 17
1952 15
1955 14
1948 13
1935 11
1958 10
1944 10
1949 9
1947 9
1945 9
1948 9
1934 8
1941 7
1943 7
1936 7
1933 7
1928 6
1946 6
1939 6
1938 5
1936 5
1929 5
1924 5
1925 5
1937 4
1932 4
1923 4
1927 4
1913 3
1942 3
1931 3
1919 3
1921 2
1926 2
1928 2
1922 2
2014 1
1918 1
1916 1
1915 1
Time taken: 50.307 seconds, Fetched: 101 row(s)
mysql> select rating, count(*) as abc from movie group by rating order by abc desc;
```

```
Activities Terminal Mon 22:50
hduser@sreeraj: ~

File Edit View Search Terminal Help
Launching Job 2 out of 2
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_1679931013657_0015, Tracking URL = http://sreeraj:8088/proxy/application_1679931013657_0015/
Kill Command = /home/hduser/hadoop/bin/hadoop job -kill job_1679931013657_0015
Hadoop job information for Stage-2: number of mappers: 1; number of reducers: 1
2023-03-27 22:29:26,399 Stage-2 map = 0%, reduce = 0%
2023-03-27 22:29:26,678 Stage-2 map = 100%, reduce = 0%, Cumulative CPU 2.38 sec
2023-03-27 22:29:33,949 Stage-2 map = 100%, reduce = 100%, Cumulative CPU 5.93 sec
MapReduce Total cumulative CPU time: 5 seconds 938 msec
Ended Job = job_1679931013657_0015
MapReduce Jobs Launched:
Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 7.52 sec HDFS Read: 3117791 HDFS Write: 833 SUCCESS
Stage-Stage-2: Map: 1 Reduce: 1 Cumulative CPU: 5.93 sec HDFS Read: 6267 HDFS Write: 716 SUCCESS
Total MapReduce CPU Time Spent: 13 seconds 456 msec
OK
3.4      39474
3.7      1058
3.6      967
3.8      962
3.9      859
3.5      802
3.3      677
3.2      592
4.0      580
3.1      545
3.0      481
4.1      403
2.9      386
4.2      316
2.8      316
2.7      234
2.6      163
2.5      156
4.3      124
2.4      109
2.3      99
2.1      74
2.2      53
1.9      33
4.4      31
2.0      24
4.5      23
1.8      18
1.7      14
1.6      10
1.4      4
1.5      2
Time taken: 50.124 seconds, Fetched: 32 row(s)
```

```
hduser@sreeraj: ~
File Edit View Search Terminal Help
Launching Job 2 out of 2
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_1679931013657_0017, Tracking URL = http://sreeraj:8088/proxy/application_1679931013657_0017/
Kill Command = /home/hduser/hadoop/bin/hadoop job -kill job_1679931013657_0017
Hadoop job information for Stage-2: number of mappers: 1; number of reducers: 1
2023-03-27 22:34:53,314 Stage-2 map = 0%, reduce = 0%
2023-03-27 22:34:59,582 Stage-2 map = 100%, reduce = 0%, Cumulative CPU 2.14 sec
2023-03-27 22:35:06,858 Stage-2 map = 100%, reduce = 100%, Cumulative CPU 5.63 sec
MapReduce Total cumulative CPU time: 5 seconds 630 msec
Ended Job = job_1679931013657_0017
MapReduce Jobs Launched:
Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 7.24 sec HDFS Read: 3117791 HDFS Write: 833 SUCCESS
Stage-Stage-2: Map: 1 Reduce: 1 Cumulative CPU: 5.63 sec HDFS Read: 6267 HDFS Write: 716 SUCCESS
Total MapReduce CPU Time Spent: 12 seconds 870 msec
OK
3.4    39474
3.7    1058
3.6    967
3.8    962
3.9    859
3.5    802
3.3    677
3.2    592
4.0    580
3.1    545
3.0    481
4.1    403
2.9    386
4.2    316
2.8    316
2.7    234
2.6    163
2.5    156
4.3    124
2.4    109
2.3    99
2.1    74
2.2    53
1.9    33
4.4    31
2.0    24
4.5    23
1.8    18
1.7    14
1.6    10
1.4    4
1.5    2
Time taken: 50.037 seconds, Fetched: 32 row(s)
hive> select * from movies where year=2008 and rating>3;[]
```

File Edit View Search Terminal Help								
44367	Batman: The Brave and the Bold: Season 1: Menace of the Conqueror Caveman!	2008	3.4	1370				
44368	Batman: The Brave and the Bold: Season 1: Night of the Huntress!	2008	3.4	1376				
44369	Batman: The Brave and the Bold: Season 1: Return of the Fearsome Fangs!	2008	3.4	1375				
44310	Batman: The Brave and the Bold: Season 1: The Eyes of Despero!	2008	3.4	1382				
44311	Batman: The Brave and the Bold: Season 1: Game Over for Owlman!	2008	3.4	1379				
44312	Batman: The Brave and the Bold: Season 1: Deep Cover for Batman!	2008	3.4	1378				
44313	Batman: The Brave and the Bold: Season 1: The Last Bat on Earth!	2008	3.4	1373				
44314	Batman: The Brave and the Bold: Season 1: When OMAC Attacks!	2008	3.4	1367				
44315	Batman: The Brave and the Bold: Season 1: The Fate of Equinox!	2008	3.4	1369				
44316	Batman: The Brave and the Bold: Season 1: Mayhem of the Music Meister!	2008	3.4	1378				
44317	Batman: The Brave and the Bold: Season 1: The Color of Revenge!	2008	3.4	1357				
44318	Batman: The Brave and the Bold: Season 1: Legends of the Dark Mite!	2008	3.4	1377				
44319	Batman: The Brave and the Bold: Season 1: Hall the Tornado Tyrant!	2008	3.4	1369				
44320	Batman: The Brave and the Bold: Season 1: Duel of the Double Crossers!	2008	3.4	1363				
44325	Batman: The Brave and the Bold: Season 1: Inside the Outsiders!	2008	3.4	1379				
44351	Batman: The Brave and the Bold: Season 1 2008 3.8 2628							
44352	Batman: The Brave and the Bold: Season 1: Rise of the Blue Beetle!	2008	3.4	1370				
45304	Futurama: Season 6 2008 3.7 2628							
45471	Futurama: Season 6: Bender's Big Score 2008 3.4 5330							
45478	Futurama: Season 6: The Beast with a Billion Backs 2008 3.4 5328							
46988	Animal Mechanicals: Season 1: Pop Apart Penguins 2008 3.4 692							
46989	Animal Mechanicals: Season 1: Jigsaw Shark Puzzle 2008 3.4 692							
46910	Animal Mechanicals: Season 1: Chickadee Island 2008 3.4 692							
46911	Animal Mechanicals: Season 1: Beetle Buggy Island 2008 3.4 692							
46912	Animal Mechanicals: Season 1: Mechana Pinball Island 2008 3.4 692							
46913	Animal Mechanicals: Season 1: Giraffe Crane Island 2008 3.4 692							
46914	Animal Mechanicals: Season 1: Bell Bot Island 2008 3.4 692							
46915	Animal Mechanicals: Season 1: The Elephant Train 2008 3.4 692							
46916	Animal Mechanicals: Season 1: Mechana Bat Island 2008 3.4 692							
46917	Animal Mechanicals: Season 1: Hippo Hovercraft Island 2008 3.4 692							
46918	Animal Mechanicals: Season 1: Flying Glitterfish Island 2008 3.4 692							
46919	Animal Mechanicals: Season 1: Snail's Pace Race 2008 3.4 692							
46920	Animal Mechanicals: Season 1: Mechana Parrot Island 2008 3.4 692							
46923	Animal Mechanicals: Season 1: Balloon Volcano Island 2008 3.4 692							
46925	Animal Mechanicals: Season 1: Mechana Dragonfly Island 2008 3.4 692							
46936	Animal Mechanicals: Season 1: Cow Castle Hassle 2008 3.4 692							
46937	Animal Mechanicals: Season 1: Bunny Boomer Island 2008 3.4 692							
46938	Animal Mechanicals: Season 1: Dino Mountain Island 2008 3.4 692							
46939	Animal Mechanicals: Season 1: Whale Plane Island 2008 3.4 692							
46942	Animal Mechanicals: Season 1: Turbo-Bean Trouble 2008 3.4 692							
46944	Animal Mechanicals: Season 1 2008 3.6 2628							
47018	Animal Mechanicals: 2008 3.6 2628							
47258	Addicted to Plastic 2008 3.6 5105							
47700	Sturgis!: Motorcycle Mania 2008 3.5 2619							
47716	Explosions Gone Wrong 2008 3.5 2505							
47783	I Was Bitten: Season 1: Episode 1 2008 3.4 2620							
47784	I Was Bitten: Season 1 2008 3.8 2628							
47785	I Was Bitten: Season 1: Episode 3 2008 3.4 2620							
47786	I Was Bitten: Season 1: Episode 2 2008 3.4 2620							
47795	I Was Bitten: Season 1: Episode 4 2008 3.4 2619							
47796	I Was Bitten: Season 1: Episode 5 2008 3.4 2618							
47797	I Was Bitten: Season 1: Episode 6 2008 3.4 2618							
48870	I Was Bitten 2008 3.8 2628							

```

hduser@sreeraj: ~
File Edit View Search Terminal Help
49590  Kate Plus Eight: Season 1      2010    2.7    2628
Time taken: 2.982 seconds, Fetched: 49589 row(s)
hive> select count(*) from movies where year>=1975 and year<=2000 and rating>3.5;
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 = hduser_20230328122827_feeccb5f9-bdd3-466f-9cb7-212b978f35bb
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_1679986441154_0001, Tracking URL = http://sreeraj:8088/proxy/application_1679986441154_0001
Kill Command = /home/hduser/hadoop/bin/hadoop job -kill job_1679986441154_0001
Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1
2023-03-28 12:28:41,669 Stage-1 map = 0%,  Reduce = 0%
2023-03-28 12:28:48,644 Stage-1 map = 100%,  Reduce = 0%, Cumulative CPU 5.52 sec
2023-03-28 12:28:56,009 Stage-1 map = 100%,  reduce = 100%, Cumulative CPU 9.93 sec
MapReduce Total cumulative CPU time: 9 seconds 930 msec
Ended Job = job_1679986441154_0001
MapReduce Jobs Launched:
Stage-Stage-1: Map: 1  Reduce: 1  Cumulative CPU: 9.93 sec  HDFS Read: 3119763 HDFS Write: 103 SUCCESS
Total MapReduce CPU Time Spent: 9 seconds 930 msec
OK
937
Time taken: 29.964 seconds, Fetched: 1 row(s)
hive> select count(*) from movies where year>=1975 and year<=2000;
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 = hduser_20230328122934_67d6af83-9d41-4623-9bfd-dcd43634f0a
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_1679986441154_0002, Tracking URL = http://sreeraj:8088/proxy/application_1679986441154_0002
Kill Command = /home/hduser/hadoop/bin/hadoop job -kill job_1679986441154_0002
Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1
2023-03-28 12:29:44,581 Stage-1 map = 0%,  Reduce = 0%
2023-03-28 12:29:51,871 Stage-1 map = 100%,  reduce = 0%, Cumulative CPU 4.99 sec
2023-03-28 12:29:59,160 Stage-1 map = 100%,  reduce = 100%, Cumulative CPU 9.37 sec
MapReduce Total cumulative CPU time: 9 seconds 370 msec
Ended Job = job_1679986441154_0002
MapReduce Jobs Launched:
Stage-Stage-1: Map: 1  Reduce: 1  Cumulative CPU: 9.37 sec  HDFS Read: 3119492 HDFS Write: 105 SUCCESS
Total MapReduce CPU Time Spent: 9 seconds 370 msec
OK
10747
Time taken: 25.601 seconds, Fetched: 1 row(s)

```

```
hduser@sreeraj:~
```

```
File Edit View Search Terminal Help
49590  Kate Plus E18ht: Season 1      2010    2.7    2628
Time taken: 26.383 seconds, Fetched: 49589 row(s)
hive> select movie,year,rating,duration from movies order by duration desc limit 1;
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 = hduser_20230327224639_4603d90d-5b54-4ed1-aaff-61ca8952b32d
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_1679931013657_0019, Tracking URL = http://sreeraj:8088/proxy/application_1679931013657_0019/
Kill Command = /home/hduser/.hadoop/bin/hadoop job -kill job_1679931013657_0019
Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1
2023-03-27 22:46:47,683 Stage-1 map = 0%, reduce = 0%
2023-03-27 22:47:00,180 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 4.56 sec
MapReduce Total cumulative CPU time: 8 seconds 230 msec
Ended Job = job_1679931013657_0019
MapReduce Jobs Launched:
  Stage-Stage-1: Map: 1  Reduce: 1   Cumulative CPU: 8.23 sec   HDFS Read: 3118310 HDFS Write: 136 SUCCESS
Total MapReduce CPU Time Spent: 8 seconds 230 msec
OK
Example 8 Hour 23.976 2010    3.2    28813
Time taken: 23.211 seconds, Fetched: 1 row(s)
hive> select movie,year,rating,duration from movies order by duration asc limit 1;
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 = hduser_20230327224603_430c0bdb-f17d-4ce4-9267-82d015104d2e
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_1679931013657_0020, Tracking URL = http://sreeraj:8088/proxy/application_1679931013657_0020/
Kill Command = /home/hduser/.hadoop/bin/hadoop job -kill job_1679931013657_0020
Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1
2023-03-27 22:48:12,328 Stage-1 map = 0%, reduce = 0%
2023-03-27 22:48:19,637 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 4.66 sec
2023-03-27 22:48:26,922 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 8.22 sec
MapReduce Total cumulative CPU time: 8 seconds 220 msec
Ended Job = job_1679931013657_0020
MapReduce Jobs Launched:
  Stage-Stage-1: Map: 1  Reduce: 1   Cumulative CPU: 8.22 sec   HDFS Read: 3118303 HDFS Write: 125 SUCCESS
Total MapReduce CPU Time Spent: 8 seconds 220 msec
OK
Trailer: Pain    2012    3.6    52
Time taken: 24.2 seconds, Fetched: 1 row(s)
```

```

hduser@sreeraj: ~
File Edit View Search Terminal Help
Query ID = hduser_20230327224803_436c0bdb-f17d-4ce4-9267-82d015104d2e
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_1679931013657_0020, Tracking URL = http://sreeraj:8088/proxy/application_1679931013657_0020/
Kill Command = /home/hduser/hadoop/bin/hadoop job -kill job_1679931013657_0020
Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1
2023-03-27 22:48:17,329 Stage-1 map = 0%, reduce = 0%
2023-03-27 22:48:19,637 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 4.66 sec
2023-03-27 22:48:26,922 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 8.22 sec
MapReduce Total cumulative CPU time: 8 seconds 220 msec
Ended Job = job_1679931013657_0020
MapReduce Jobs Launched:
Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 8.22 sec HDFS Read: 3118303 HDFS Write: 125 SUCCESS
Total MapReduce CPU Time Spent: 8 seconds 220 msec
OK
Trailer: Pain 2012 3.6 52
Time taken: 24.2 seconds, Fetched: 1 row(s)
hive> select * from movies where rating>4 and year=2005
OK
2144 National Geographic: Arlington: Field of Honor 2005 4.2 3283
2232 Serenity 2005 4.1 7135
2294 How I Met Your Mother: Season 1 2005 4.2 2628
2359 Prison Break: Season 1 2005 4.2 2628
2362 Bones: Season 1 2005 4.1 2628
2364 The Boondocks: Season 1 2005 4.1 2628
2379 Supernatural: Season 1 2005 4.3 2628
2533 Doctor Who: Season 1 2005 4.3 2628
2581 The West Wing: Season 7 2005 4.2 2628
2773 National Geographic: Amazing Planet 2005 4.1 2628
3091 Justice League Unlimited: Season 2 2005 4.1 2628
8048 Top Gear: Series 6 2005 4.2 2628
8053 Top Gear: Series 7 2005 4.2 2628
8429 Doc Martin: Series 2 2005 4.2 2628
12223 It's Always Sunny In Philadelphia 2005 4.1 2628
12234 Bones 2005 4.1 2628
12802 Prison Break 2005 4.2 2628
12993 Doctor Who 2005 4.3 2628
13312 How I Met Your Mother 2005 4.2 2628
13313 Supernatural 2005 4.3 2628
14891 Big Cat Diary: Season 6 2005 4.1 2628
16066 The Boondocks 2005 4.1 2628
17405 Henning Mankell's Wallander 2005 4.1 2628
24618 Midsomer Murders: Series 9 2005 4.1 2628
24621 Midsomer Murders: Series 8 2005 4.1 2628
29788 National Geographic: Amazing Planet 2005 4.1 2628
31860 It's Always Sunny In Philadelphia: Season 1 2005 4.1 2628
Time taken: 0.204 seconds, Fetched: 27 row(s)

```

```

hduser@sreeraj: ~
File Edit View Search Terminal Help
Query ID = hduser_20230327224803_436c0bdb-f17d-4ce4-9267-82d015104d2e
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_1679931013657_0020, Tracking URL = http://sreeraj:8088/proxy/application_1679931013657_0020/
Kill Command = /home/hduser/hadoop/bin/hadoop job -kill job_1679931013657_0020
Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1
2023-03-27 22:48:12,329 Stage-1 map = 0%,  reduce = 0%
2023-03-27 22:48:19,637 Stage-1 map = 100%,  reduce = 0%, Cumulative CPU 4.66 sec
2023-03-27 22:48:26,922 Stage-1 map = 100%,  reduce = 100%, Cumulative CPU 8.22 sec
MapReduce Total cumulative CPU time: 8 seconds 220 msec
Ended Job = job_1679931013657_0020
MapReduce Jobs Launched:
Stage-Stage-1: Map: 1  Reduce: 1  Cumulative CPU: 8.22 sec  HDFS Read: 3118303 HDFS Write: 125 SUCCESS
Total MapReduce CPU Time Spent: 8 seconds 220 msec
OK
Trailer: Pain 2012 3.6 52
Time taken: 24.2 seconds, Fetched: 1 row(s)
hive> select * from movies where rating>4 and year=2005;
OK
2144 National Geographic: Arlington: Field of Honor 2005 4.2 3283
2232 Serenity 2005 4.1 7135
2294 How I Met Your Mother: Season 1 2005 4.2 2628
2359 Prison Break: Season 1 2005 4.2 2628
2362 Bones: Season 1 2005 4.1 2628
2364 The Boondocks: Season 1 2005 4.1 2628
2379 Supernatural: Season 1 2005 4.3 2628
2533 Doctor Who: Season 1 2005 4.3 2628
2581 The West Wing: Season 7 2005 4.2 2628
2773 National Geographic: Amazing Planet 2005 4.1 2628
3091 Justice League Unlimited: Season 2 2005 4.1 2628
8048 Top Gear: Series 6 2005 4.2 2628
8053 Top Gear: Series 7 2005 4.2 2628
8429 Doc Martin: Series 2 2005 4.2 2628
12223 It's Always Sunny In Philadelphia 2005 4.1 2628
12234 Bones 2005 4.1 2628
12882 Prison Break 2005 4.2 2628
12993 Doctor Who 2005 4.3 2628
13312 How I Met Your Mother 2005 4.2 2628
13313 Supernatural 2005 4.3 2628
14891 Big Cat Diary: Season 6 2005 4.1 2628
16006 The Boondocks 2005 4.1 2628
17405 Henning Mankell's Wallander 2005 4.1 2628
24618 Midsomer Murders: Series 9 2005 4.1 2628
24621 Midsomer Murders: Series 8 2005 4.1 2628
29788 National Geographic: Amazing Planet 2005 4.1 2628
31860 It's Always Sunny In Philadelphia: Season 1 2005 4.1 2628
Time taken: 0.204 seconds, Fetched: 27 row(s)

```

```

File Edit View Search Terminal Help
12223 It's Always Sunny in Philadelphia 2005 4.1 2628
Time taken: 24.895 seconds. Fetched: 27 row(s)
hive> select * from movies where rating=4 and year=2005 order by rating asc;
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 = hduser_20230327225253_4c6be934-d561-4c84-a8da-f4a7cc3f29e0
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_1679931013657_0022, Tracking URL = http://sreeraj:8088/proxy/application_1679931013657_0022/
Kill Command = /home/hduser/hadoop/bin/hadoop job -kill job_1679931013657_0022
Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1
2023-03-27 22:53:03.032 Stage-1 map = 0%, reduce = 0%
2023-03-27 22:53:10.340 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 5.59 sec
2023-03-27 22:53:17.615 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 9.75 sec
MapReduce Total cumulative CPU time: 9 seconds 750 msec
Ended Job = job_1679931013657_0022
Ended Job = job_1679931013657_0022
MapReduce Jobs Launched:
S- Terminal <-1: Map: 1 Reduce: 1 Cumulative CPU: 9.75 sec HDFS Read: 3119804 HDFS Write: 1585 SUCCESS
Total MapReduce CPU Time Spent: 9 seconds 750 msec
OK
24618 Midsomer Murders: Series 9 2005 4.1 2628
17405 Henning Mankell's Wallander 2005 4.1 2628
3091 Justice League Unlimited: Season 2 2005 4.1 2628
2773 National Geographic: Amazing Planet 2005 4.1 2628
16606 The Boondocks 2005 4.1 2628
2364 The Boondocks: Season 1 2005 4.1 2628
14891 Big Cat Diary: Season 6 2005 4.1 2628
2232 Serenity 2005 4.1 7135
29788 National Geographic: Amazing Planet 2005 4.1 2628
2362 Bones: Season 1 2005 4.1 2628
24621 Midsomer Murders: Series 8 2005 4.1 2628
12234 Bones 2005 4.1 2628
12223 It's Always Sunny In Philadelphia 2005 4.1 2628
31866 It's Always Sunny In Philadelphia: Season 1 2005 4.1 2628
8429 Doc Martin: Series 2 2005 4.2 2628
13312 How I Met Your Mother 2005 4.2 2628
12802 Prison Break 2005 4.2 2628
8053 Top Gear: Series 7 2005 4.2 2628
8048 Top Gear: Series 6 2005 4.2 2628
2581 The West Wing: Season 7 2005 4.2 2628
2359 Prison Break: Season 1 2005 4.2 2628
2294 How I Met Your Mother: Season 1 2005 4.2 2628
2144 National Geographic: Arlington: Field of Honor 2005 4.2 3283
13313 Supernatural 2005 4.3 2628
2379 Supernatural: Season 1 2005 4.3 2628
2533 Doctor Who: Season 1 2005 4.3 2628
12993 Doctor Who 2005 4.3 2628
Time taken: 25.989 seconds, Fetched: 27 row(s)

```

```

Activities Terminal Mon 22:55 ~
hduser@sreeraj: ~

File Edit View Search Terminal Help
24618 Midsomer Murders: Series 9 2005 4.1 2628
17405 Henning Mankell's Wallander 2005 4.1 2628
3091 Justice League Unlimited: Season 2 2005 4.1 2628
2773 National Geographic: Amazing Planet 2005 4.1 2628
16606 The Boondocks 2005 4.1 2628
2364 The Boondocks: Season 1 2005 4.1 2628
14891 Big Cat Diary: Season 6 2005 4.1 2628
2232 Serenity 2005 4.1 7135
29788 National Geographic: Amazing Planet 2005 4.1 2628
2362 Bones: Season 1 2005 4.1 2628
24621 Midsomer Murders: Series 8 2005 4.1 2628
12234 Bones 2005 4.1 2628
12223 It's Always Sunny in Philadelphia 2005 4.1 2628
31866 It's Always Sunny in Philadelphia: Season 1 2005 4.1 2628
8429 Doc Martin: Series 2 2005 4.2 2628
13312 How I Met Your Mother 2005 4.2 2628
12802 Prison Break 2005 4.2 2628
8053 Top Gear: Series 7 2005 4.2 2628
8048 Top Gear: Series 6 2005 4.2 2628
2581 The West Wing: Season 7 2005 4.2 2628
2359 Prison Break: Season 1 2005 4.2 2628
2294 How I Met Your Mother: Season 1 2005 4.2 2628
2144 National Geographic: Arlington: Field of Honor 2005 4.2 3283
13313 Supernatural 2005 4.3 2628
2379 Supernatural: Season 1 2005 4.3 2628
2533 Doctor Who: Season 1 2005 4.3 2628
12993 Doctor Who 2005 4.3 2628
Time taken: 25.989 seconds, Fetched: 27 row(s)

hive> select count(*) from movies where year=2008;
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 = hduser_20230327225512_f5e63d11-094c-4c86-ac5d-e3016783c94b
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_1679931013657_0023, Tracking URL = http://sreeraj:8088/proxy/application_1679931013657_0023/
Kill Command = /home/hduser/hadoop/bin/hadoop job -kill job_1679931013657_0023
Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1
2023-03-27 22:55:21,973 Stage-1 map = 0%,  reduce = 0%
2023-03-27 22:55:29,289 Stage-1 map = 100%,  reduce = 0%, Cumulative CPU 5.1 sec
2023-03-27 22:55:36,565 Stage-1 map = 100%,  reduce = 100%, Cumulative CPU 9.22 sec
MapReduce Total cumulative CPU time: 9 seconds 220 msec
Ended Job = job_1679931013657_0023
MapReduce Jobs Launched:
Stage-Stage-1: Map: 1  Reduce: 1  Cumulative CPU: 9.22 sec  HDFS Read: 3119075 HDFS Write: 194 SUCCESS
Total MapReduce CPU Time Spent: 9 seconds 220 msec
OK
3358
Time taken: 24.718 seconds, Fetched: 1 row(s)
hive> 
```

Activities Terminal Mon 22:59 ●

hduser@seeraj: ~

```

File Edit View Search Terminal Help
47326 Goosebumps: Specials: The Haunted Mask - Part 2 1997 3.4 1439
47327 Goosebumps: Specials: A Night in Terror Tower - Part 1 1997 3.4 1428
47331 Oggy and the Cockroaches 1998 3.4 2628
47398 The Magic School Bus: Season 4: The Magic School Bus Makes a Stink 1997 3.4 1556
47399 The Magic School Bus: Season 4: The Magic School Bus Gets Charged 1997 3.4 1555
47392 The Magic School Bus: Season 4: The Magic School Bus In the City 1997 3.4 1556
47393 The Magic School Bus: Season 4: The Magic School Bus Takes a Dive 1997 3.4 1556
47394 The Magic School Bus: Season 4: The Magic School Bus Gets Programmed 1997 3.4 1556
47396 The Magic School Bus: Season 4: The Magic School Bus Cracks a Yolk 1997 3.4 1556
47398 The Magic School Bus: Season 4: The Magic School Bus Goes to Mussel Beach 1997 3.4 1557
47406 The Magic School Bus: Season 4: The Magic School Bus Goes on Alr 1997 3.4 1555
47401 The Magic School Bus: Season 4: The Magic School Bus Gets Swamped 1997 3.4 1556
47403 The Magic School Bus: Season 4: The Magic School Bus Goes Cellular 1997 3.4 1556
47405 The Magic School Bus: Season 4: The Magic School Bus Meets Molly Cule 1997 3.4 1556
47407 The Magic School Bus: Season 4: The Magic School Bus Sees Stars 1997 3.4 1555
47408 The Magic School Bus: Season 4: The Magic School Bus Gains Weight 1997 3.4 1555
47409 The Magic School Bus: Season 3: The Magic School Bus Makes a Rainbow 1996 3.4 1556
47410 The Magic School Bus: Season 3: The Magic School Bus Goes Upstream 1996 3.4 1556
47411 The Magic School Bus: Season 3: The Magic School Bus Works Out 1996 3.4 1556
47412 The Magic School Bus: Season 3: The Magic School Bus Holiday Special 1996 3.4 1276
47413 The Magic School Bus: Season 3: The Magic School Bus Gets Planted 1996 3.4 1557
47414 The Magic School Bus: Season 3: The Magic School Bus In the Rain Forest 1996 3.4 1555
47415 The Magic School Bus: Season 3: The Magic School Bus Rocks and Rolls 1996 3.4 1557
47416 The Magic School Bus: Season 4 1997 3.9 2628
47418 The Magic School Bus: Season 3: The Magic School Bus Shows and Tells 1996 3.4 1556
47420 The Magic School Bus: Season 3: The Magic School Bus Gets a Bright Idea 1996 3.4 1557
47422 The Magic School Bus: Season 3: The Magic School Bus In a Beehive 1996 3.4 1556
47424 The Magic School Bus: Season 3: The Magic School Bus Under Construction 1996 3.4 1555
47426 The Magic School Bus: Season 3: The Magic School Bus Spins a Web 1996 3.4 1557
47428 The Magic School Bus: Season 3: The Magic School Bus In the Arctic 1996 3.4 1556
47429 The Magic School Bus: Season 3 1996 3.9 2628
47432 The Magic School Bus: Season 2: The Magic School Bus Ups and Downs 1995 3.4 1556
47434 The Magic School Bus: Season 2: The Magic School Bus Cold Feet 1995 3.4 1556
47436 The Magic School Bus: Season 2: The Magic School Bus Out of This world 1995 3.4 1556
47437 The Magic School Bus: Season 2: The Magic School Bus Getting Energized 1995 3.4 1555
47438 The Magic School Bus: Season 2: The Magic School Bus Going Batty 1995 3.4 1556
47440 The Magic School Bus: Season 2: The Magic School Bus Talking Right 1995 3.4 1556
47442 The Magic School Bus: Season 2: The Magic School Bus Revved Up 1995 3.4 1556
47444 The Magic School Bus: Season 2: The Magic School Bus Laid a Pickle 1995 3.4 1556
47446 The Magic School Bus: Season 2: The Magic School Bus Wet All Over 1995 3.4 1556
47448 The Magic School Bus: Season 2: The Magic School Bus Butterfly and the Bog Beast 1995 3.4 1555
47450 The Magic School Bus: Season 2: The Magic School Bus and The Busasaurus 1995 3.4 1556
47452 The Magic School Bus: Season 2: The Magic School Bus Blows Its Top 1995 3.4 1555
47454 The Magic School Bus: Season 2: The Magic School Bus Flexes Its Muscles 1995 3.4 1555
47456 Goosebumps: Specials: Welcome to the Dead House - Part 2 1997 3.4 1439
47457 The Magic School Bus: Season 2 1995 3.9 2628
47458 Goosebumps: Specials: The Night of the Living Dummy III - Part 2 1997 3.4 1445
47459 Goosebumps: Specials: Welcome to the Dead House - Part 1 1997 3.4 1447
47466 Goosebumps: Specials: The Haunted Mask II - Part 2 1997 3.4 1496
47462 Goosebumps: Specials: The Night of the Living Dummy III - Part 1 1997 3.4 1461
47465 Goosebumps: Specials: The Haunted Mask II - Part 1 1997 3.4 1379
48868 The Phoenix and the Magic Carpet 1995 2.5 5337
49582 Mumfie's White Christmas 1996 2.4 1350
Time taken: 0.204 seconds, Fetched: 9711 row(s)
    SELECT * FROM movies WHERE year>1975 AND year<2000 AND rating>3.0;
```

Activities Terminal Mon 22:59 •
hduser@sreera: ~

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File Edit View Search Terminal Help
39468 Doctor Who: The Visitation 1982 4.2 2628
39474 Doctor Who: The Power of Kroll 1978 4.2 2628
39477 Doctor Who: The Pirate Planet 1978 4.2 2628
39484 Doctor Who: The Ribos Operation 1978 4.2 2628
39495 Owd Bob 1998 3.7 5418
39589 Doctor Who: The Curse of Fenric 1989 4.2 2628
40636 Miami Connection 1987 3.6 5204
40656 Ralph S. Mouse 1987 3.7 2499
40841 The Mayflower Voyagers 1988 4.1 1454
40842 Happy New Year Charlie Brown 1986 4.1 1454
40844 It's An Adventure Charlie Brown 1983 4.1 2857
40848 A Charlie Brown Celebration 1982 4.1 2875
40961 Garfield and Friends: Vol. 2 1989 3.7 2628
40978 Garfield and Friends: Vol. 1 1988 3.7 2628
41014 Campion 1989 3.7 2628
41428 The Magic School Bus: Season 1 1994 3.9 2628
41478 Goosebumps: Season 1 1995 3.8 2628
41486 The Baby-Sitters Club: Season 1 1998 3.8 2628
42267 The Jungle Book: Mowgli's Story 1998 3.7 4579
42316 Goosebumps 1995 3.8 2628
42318 The Magic School Bus 1994 3.9 2628
42319 Dear America 1999 3.7 2628
42324 The Baby-Sitters Club 1998 3.8 2628
42899 Voltron: Lion Force 1984 3.9 2628
42900 Voltron: Lion Force 1984 3.9 2628
43101 Ed Edd 'n' Eddy: Season 1 1999 3.8 2628
43453 Courage the Cowardly Dog 1999 4.0 2628
43573 Cow and Chicken: Season 1 1997 3.8 2628
43668 Dexter's Laboratory 1996 4.1 2628
43669 Johnny Bravo 1997 3.8 2628
43735 Dexter's Laboratory: Season 2 1997 4.1 2628
43767 Powerpuff Girls: Season 2 1999 3.8 2628
43781 Powerpuff Girls: Season 1 1998 3.8 2628
44144 Cow and Chicken 1997 3.8 2628
44146 Powerpuff Girls 1998 3.8 2628
44665 Danny 1977 3.6 5399
45066 The Count of Monte Cristo 1998 3.9 2628
45296 Futurama: Season 2 1999 3.7 2628
45300 Futurama: Season 1 1999 3.7 2628
46266 Dear America 1999 3.7 2628
46371 Antiques Roadshow 1997 4.1 2628
46610 Digimon: Digital Monsters: Season 1 1999 4.2 2628
46699 Digimon Adventure: Season 1 1999 3.9 2628
46823 Heat of the Sun 1999 3.9 2628
46828 Digimon Adventure 1999 3.9 2628
46831 Digimon: Digital Monsters 1999 4.2 2628
47264 Goosebumps: Season 2 1996 3.8 2628
47281 Goosebumps: Season 3 1997 3.8 2628
47288 Goosebumps: Specials 1997 3.8 2628
47293 Goosebumps: Season 4 1998 3.8 2628
47416 The Magic School Bus: Season 4 1997 3.9 2628
47430 The Magic School Bus: Season 3 1996 3.9 2628
47457 The Magic School Bus: Season 2 1995 3.9 2628

```

Time taken: 0.22 seconds, Fetched: 856 row(s)

Activities Terminal Tue 12:32 ● hduser@sreeraj: ~

```

File Edit View Search Terminal Help
937
Time taken: 29.984 seconds, Fetched: 1 row(s)
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 = hduser_20230328122934_67d6af83-9d41-4623-9bfd-dcd43634f0a
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_1679986441154_0002, Tracking URL = http://sreeraj:8088/proxy/application_1679986441154_0002/
Kill Command = /home/hduser/hadoop/bin/hadoop job -kill job_1679986441154_0002
Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1
2023-03-28 12:29:44,501 Stage-1 map = 0%, reduce = 0%
2023-03-28 12:29:51,871 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 4.99 sec
2023-03-28 12:29:59,160 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 9.37 sec
MapReduce Total cumulative CPU time: 9 seconds 370 msec
Ended Job = job_1679986441154_0002
MapReduce Jobs Launched:
Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 9.37 sec HDFS Read: 3119492 HDFS Write: 105 SUCCESS
Total MapReduce CPU Time Spent: 9 seconds 370 msec
OK
10747
Time taken: 25.601 seconds, Fetched: 1 row(s)
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 = hduser_20230328123119_b5e7a058-e1a3-4ea2-90b7-6fba2867c40c
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_1679986441154_0003, Tracking URL = http://sreeraj:8088/proxy/application_1679986441154_0003/
Kill Command = /home/hduser/hadoop/bin/hadoop job -kill job_1679986441154_0003
Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1
2023-03-28 12:31:29,627 Stage-1 map = 0%, reduce = 0%
2023-03-28 12:31:36,982 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 5.53 sec
2023-03-28 12:31:44,315 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 10.05 sec
MapReduce Total cumulative CPU time: 10 seconds 58 msec
Ended Job = job_1679986441154_0003
MapReduce Jobs Launched:
Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 10.05 sec HDFS Read: 3119676 HDFS Write: 104 SUCCESS
Total MapReduce CPU Time Spent: 10 seconds 50 msec
OK
3254
Time taken: 26.959 seconds, Fetched: 1 row(s)
hive> []

```

```

hduser@sreeraj: ~
49590  Kate Plus Eight: Season 1      2010    2.7    2628
Time taken: 2.982 seconds, Fetched: 49589 row(s)
hive> select count(*) from movies where year>=1975 and year<=2000 and rating>3.5;
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 = hduser_20230328122827_feecb5f9-bdd3-466f-9cb7-212b978f35bb
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_1679986441154_0001, Tracking URL = http://sreeraj:8088/proxy/application_1679986441154_0001/
Kill Command = /home/hduser/hadoop/bin/hadoop job -kill job_1679986441154_0001
Hadoop job Information for Stage-1: number of mappers: 1; number of reducers: 1
2023-03-28 12:28:41,069 Stage-1 Map = 0%,  reduce = 0%
2023-03-28 12:28:48,644 Stage-1 Map = 100%,  reduce = 0%, Cumulative CPU 5.52 sec
2023-03-28 12:28:56,069 Stage-1 Map = 100%,  reduce = 100%, Cumulative CPU 9.93 sec
MapReduce Total cumulative CPU time: 9 seconds 930 msec
Ended Job = job_1679986441154_0001
MapReduce Jobs Launched:
Stage-Stage-1: Map: 1  Reduce: 1  Cumulative CPU: 9.93 sec  HDFS Read: 3119763 HDFS Write: 103 SUCCESS
Total MapReduce CPU Time Spent: 9 seconds 930 msec
OK
937
Time taken: 29.964 seconds, Fetched: 1 row(s)
hive> select count(*) from movies where year>=1975 and year<=2000;
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 = hduser_20230328122934_67d6af83-9d41-4623-9bfd-dcdd43634f0a
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_1679986441154_0002, Tracking URL = http://sreeraj:8088/proxy/application_1679986441154_0002/
Kill Command = /home/hduser/hadoop/bin/hadoop job -kill job_1679986441154_0002
Hadoop job Information for Stage-1: number of mappers: 1; number of reducers: 1
2023-03-28 12:29:44,501 Stage-1 Map = 0%,  reduce = 0%
2023-03-28 12:29:51,871 Stage-1 Map = 100%,  reduce = 0%, Cumulative CPU 4.99 sec
2023-03-28 12:29:59,166 Stage-1 Map = 100%,  reduce = 100%, Cumulative CPU 9.37 sec
MapReduce Total cumulative CPU time: 9 seconds 370 msec
Ended Job = job_1679986441154_0002
MapReduce Jobs Launched:
Stage-Stage-1: Map: 1  Reduce: 1  Cumulative CPU: 9.37 sec  HDFS Read: 3119492 HDFS Write: 105 SUCCESS
Total MapReduce CPU Time Spent: 9 seconds 370 msec
OK
10747
Time taken: 25.601 seconds, Fetched: 1 row(s)

```