

```
[cloudera@quickstart ~]$ hadoop fs -put /home/cloudera/sales.csv /user/cloudera/abc  
[cloudera@quickstart ~]$ hive
```

```
hive> create table countries(Region string,country string,itemtype string,sales string,orderpriority string,orderdate string,orderid string,int)row format delimited fields terminated by ' ', TBLPROPERTIES ("Skip.header.line.count"="1");
OK
```

```
hive> create table countries(region string,country string,itemtype string,sales string,orderpriority string,orderdate string,orderid string,int)row format delimited fields terminated by ' ' TBLPROPERTIES ("Skip.header.line.count"="1");
OK
```

Time taken: 2.393 seconds

```
hives> show tables;
```

OK

bucket1

bucket2

capsules

categories

countries

customers

—
—
—
—

hive> describe countries;

OK

region	string
country	string
itemtype	string
sales	string
orderpriority	string
orderdate	string
orderid	string
shipdate	string
unitsold	int
unitprice	int
unitcost	int
totalrevenue	int
totalcost	int
totalprofit	int

Time taken: 0.157 seconds, Fetched: 14 row(s)

hive> load data inpath "/user/cloudera/abc/sales.csv" into table countries;

Loading data to table default.countries

Table default.countries stats: [numFiles=1, totalSize=623134]

OK

Time taken: 0.639 seconds

[Cloudera Live : Welco...

[cloudera@quickstart:~]

l/

cloudera@quickstart:~

[Browsing HDFS - Mozi...

```
hive> select count(distinct country) from countries;
Query ID = cloudera_20250722223535_40d5406d-ab84-481f-9f77-8ad7d83fcb3f
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_1753244701726_0001, Tracking URL = http://quickstart.cloudera:8088/proxy/application_1753244701726_0001/
Kill Command = /usr/lib/hadoop/bin/hadoop job -kill job_1753244701726_0001
Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1
2025-07-22 22:35:39,667 Stage-1 map = 0%, reduce = 0%
2025-07-22 22:35:52,473 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 1.87 sec
2025-07-22 22:36:03,662 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 3.57 sec
MapReduce Total cumulative CPU time: 3 seconds 570 msec
Ended Job = job_1753244701726_0001
MapReduce Jobs Launched:
  Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 3.57 sec HDFS Read: 631364 HDFS Write: 4 SUCCESS
Total MapReduce CPU Time Spent: 3 seconds 570 msec
OK
186
Time taken: 43.546 seconds, Fetched: 1 row(s)
```

```
hive> select region,SUM(unitsold) as total units sold from countries group by region;
Query ID = cloudera_20250722223838_ffa7cc1d-05ea-4f8f-b345-e4e3b3e2798e
Total jobs = 1
Launching Job 1 out of 1
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_1753244701726_0002, Tracking URL = http://quickstart.cloudera:8088/proxy/application_1753244701726_0002/
Kill Command = /usr/lib/hadoop/bin/hadoop job -kill job_1753244701726_0002
Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1
2025-07-22 22:38:22,535 Stage-1 map = 0%, reduce = 0%
2025-07-22 22:38:32,632 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 1.57 sec
2025-07-22 22:38:44,796 Stage-1 map = 100%, reduce = 100%, Cumulative CPU 3.36 sec
MapReduce Total cumulative CPU time: 3 seconds 360 msec
Ended Job = job_1753244701726_0002
MapReduce Jobs Launched:
  Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 3.36 sec HDFS Read: 631512 HDFS Write: 195 SUCCESS
Total MapReduce CPU Time Spent: 3 seconds 360 msec
OK
Asia 3620036
Australia and Oceania 2111786
Central America and the Caribbean 2698776
Europe 6582322
Middle East and North Africa 3013431
North America 484760
Region NULL
Sub-Saharan Africa 6642380
Time taken: 35.372 seconds, Fetched: 8 row(s)
```


total jobs = 1

in order to change the average load for a router (

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sel hive_exec.reduceers.max=<number>
```

```
starting Job = job_1753244701726_000
```

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mapreduce job Information for stage-1: number of mappers: 1; number of reducers: 1
```

```
2025-07-22 22:41:38,311 stage-1 map = 0%, reduce = 0%
2025-07-22 22:43:07,353 stage-1 map = 100%, reduce = 0%
2025-07-22 22:44:07,353 stage-1 map = 100%, reduce = 0%
```

map = 100%, reduce = 0%, cumulative CPU 1.95 sec
map = 100%, reduce = 100%, cumulative CPU 3.9 sec
Total cumulative CPU time: 3 seconds 900 msec

```

ended Job = job_1753244701726_0003
lapReduce Jobs Launched:

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Stage-stage-1: Map: 1 Reduce: 1 Cumulative CPU: 10.000 sec
Total MapReduce CPU Time Spent: 3 seconds 900 msec

```

[illegible]