

# Load data from Amazon RDS to Hadoop

## Command to load data from Amazon RDS

```
sqoop import --connect jdbc:mysql://upgradetest.cyaelc9bmnf.us-east-1.rds.amazonaws.com/testdatabase \
```

```
--table bookings \
```

```
--username student \
```

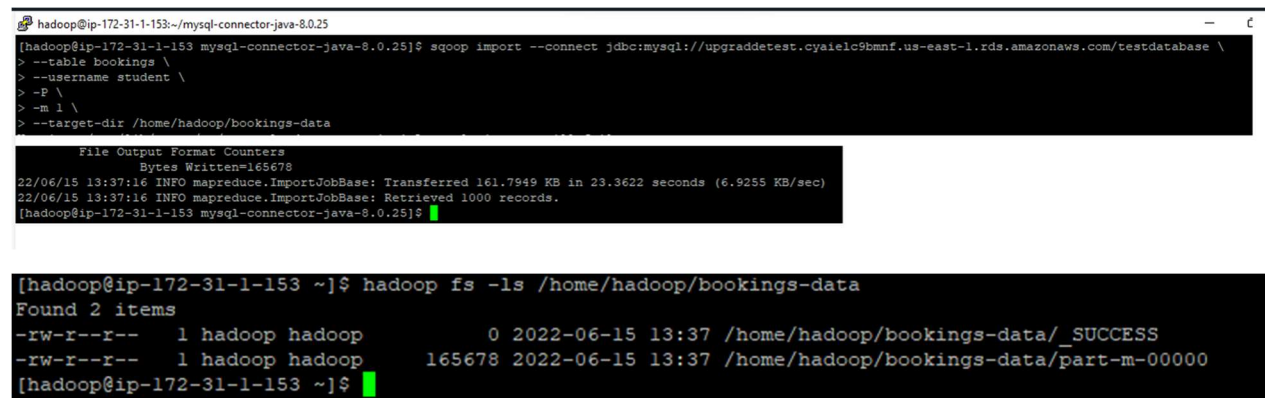
```
-P \
```

```
-m 1 \
```

```
--target-dir /home/hadoop/bookings-data
```

Password: STUDENT123

Make sure 1000 records are imported.



```
hadoop@ip-172-31-1-153:~/mysql-connector-java-8.0.25
[hadoop@ip-172-31-1-153 mysql-connector-java-8.0.25]$ sqoop import --connect jdbc:mysql://upgradetest.cyaelc9bmnf.us-east-1.rds.amazonaws.com/testdatabase \
> --table bookings \
> --username student \
> -P \
> -m 1 \
> --target-dir /home/hadoop/bookings-data

File Output Format Counters
      Bytes Written=165678
22/06/15 13:37:16 INFO mapreduce.ImportJobBase: Transferred 161.7949 KB in 23.3622 seconds (6.9255 KB/sec)
22/06/15 13:37:16 INFO mapreduce.ImportJobBase: Retrieved 1000 records.
[hadoop@ip-172-31-1-153 mysql-connector-java-8.0.25]$

[hadoop@ip-172-31-1-153 ~]$ hadoop fs -ls /home/hadoop/bookings-data
Found 2 items
-rw-r--r--  1 hadoop hadoop           0 2022-06-15 13:37 /home/hadoop/bookings-data/_SUCCESS
-rw-r--r--  1 hadoop hadoop    165678 2022-06-15 13:37 /home/hadoop/bookings-data/part-m-000000
[hadoop@ip-172-31-1-153 ~]$
```

## Screenshots of command process

hadoop@ip-172-31-1-153:~

```
^C[hadoop@ip-172-31-1-153 ~]$ hadoop fs -cat /home/hadoop/bookings-data/part-m-00000 [more
BK8968087150,51011359,15055660,2.2.14,Android,-49.4319655,103.917851,-58.8043875,146.477367,2020-06-23 19:33:10.0,2020-06-06 09:02:10.0,534,83,INR,black,054-38-4479,4,3
,3
BK629851904,31663218,60872180,3.4.1.10S,-83.5408405,175.80085,86.20705,128.367238,2020-05-23 12:22:04.0,2020-08-09 19:02:56.0,126,67,INR,lime,796-39-6801,3,2,4
BK1797410350,86869399,94276051,4.1.36,10S,-67.8930645,58.234128,-51.1075,-31.07475,2020-05-19 14:14:32.0,2020-08-23 18:38:39.0,297,63,INR,olive,748-73-1579,1,3,3
BK5788246325,58230837,45457227,2.4.27,Android,13.707887,113.499943,54.3812915,-18.437751,2020-03-24 01:30:15.0,2020-05-19 11:16:45.0,932,32,INR,white,558-80-6346,3,2,2
BK8342703255,84232510,86494681,4.1.34,Android,-6.091461,-114.649789,22.8449505,70.137827,2020-08-03 19:10:52.0,2020-03-24 08:25:40.0,260,7,INR,blue,068-72-1637,3,3,3
BK6015582453,11981042,35862658,2.4.39,10S,-18.910034,-70.193103,-10.182921,173.877213,2020-07-17 05:33:48.0,2020-04-30 04:54:27.0,907,53,INR,purple,102-10-5639,3,2,3
BK4529355854,60071878,78022360,2.1.9.10S,1.215274,-56.014903,35.152876,104.324905,2020-01-02 01:48:40.0,2020-02-16 04:28:55.0,547,17,INR,teal,866-83-4349,2,3,4
BK9720088219,14327312,94427067,3.1.2,Android,-55.4822225,173.362256,65.0121265,51.390751,2020-04-10 15:11:07.0,2020-01-20 21:17:42.0,259,33,INR,maroon,572-73-6526,3,3,2
BK7157532607,46407210,43160003,1.3.4,Android,46.005843,-16.826146,7.6126015,-156.428577,2020-06-09 05:56:31.0,2020-03-19 01:53:16.0,787,21,INR,olive,667-23-5880,2,2,3
BK5014871433,65861573,64708618,1.3.28,10S,-29.565326,64.843709,84.068109,-49.820835,2020-08-14 20:43:42.0,2020-06-03 09:39:59.0,586,5,INR,fuchsia,255-52-5654,5,5,1
BK9051488736,37721758,27297770,2.3.13,Android,61.8364605,83.249705,0.0281895,115.469099,2020-04-07 04:27:59.0,2020-09-29 10:51:41.0,912,80,INR,aqua,739-09-9569,2,1,2
BK243762319,62552965,45877457,3.3.9,10S,-62.6515155,-139.154028,28.0299995,-62.8556,2020-07-01 00:36:05.0,2020-09-30 17:40:23.0,821,23,INR,black,590-44-6613,2,3,4
BK4683595168,56801961,53401707,4.2.34,10S,-5.860265,-100.004839,25.016591,70.471359,2020-05-03 10:17:56.0,2020-06-08 09:11:27.0,71,10,INR,fuchsia,454-04-0608,5,2,3
BK9783284253,66908721,40509554,2.2.22,Android,36.1913155,5.686264,88.988393,36.580599,2020-03-05 16:02:01.0,2020-05-29 13:36:15.0,26,81,INR,black,600-17-7043,3,1,3
BK2880021380,50163555,34005420,3.4.23,Android,-83.06599,106.268689,8.8300855,74.872352,2020-01-15 02:00:07.0,2020-05-12 21:53:04.0,571,99,INR,navy,506-09-4981,1,5,3
BK4537426043,91111754,59250769,1.2.19,10S,-43.1188435,-99.935719,3.7026225,-46.828716,2020-04-28 05:18:34.0,2020-02-12 11:31:40.0,650,81,INR,white,362-35-8054,5,5,2
BK998130731,67875357,14562526,3.1.15,Android,-10.861959,-111.989853,57.233121,95.469986,2020-01-25 01:37:22.0,2020-04-28 09:42:00.0,590,3,INR,teal,359-51-9362,1,1,4
BK5645323730,18442593,84939946,3.1.29,Android,-81.472235,-88.404916,12.690818,-140.99769,2020-09-24 08:18:31.0,2020-07-16 05:12:24.0,515,1,INR,blue,024-35-8771,1,3,4
BK6163608413,36591778,11946210,4.2.38,Android,60.2036385,120.988501,32.103263,-50.551889,2020-07-26 06:12:56.0,2020-04-23 06:57:20.0,810,58,INR,silver,833-16-1378,3,5,1
BK6803373649,28382306,97222676,2.1.18,10S,6.540056,161.083998,-12.943502,-148.232621,2020-09-20 15:52:49.0,2020-09-17 03:13:26.0,927,74,INR,maroon,747-70-5557,2,2,4
BK9764570097,61225539,15265942,4.4.14,10S,80.7211615,179.695812,-33.345655,134.010372,2020-01-26 02:20:39.0,2020-06-12 15:05:49.0,246,72,INR,blue,332-71-7565,5,1,2
BK362601204,79115927,60281490,3.4.16,10S,-9.4458645,101.745883,80.264612,-46.718091,2020-09-03 13:32:13.0,2020-02-01 21:02:21.0,887,88,INR,blue,225-31-0761,4,1,1
BK6225330481,51110772,58392277,3.3.27,10S,68.1306075,141.450665,-6.926722,-64.24554,2020-05-11 06:25:10.0,2020-06-29 09:31:03.0,429,18,INR,purple,229-41-2152,5,1,3
BK9785297548,13229062,95750789,4.1.14,Android,-57.959554,-172.155546,1.667888,126.729718,2020-04-18 20:12:36.0,2020-01-14 09:07:36.0,35,63,INR,white,681-74-4532,2,3,3
BK2170342110,76255097,74117472,3.4.11,Android,14.3796175,17.089235,69.1569595,67.210169,2020-10-01 10:46:07.0,2020-03-27 22:30:08.0,927,68,INR,silver,677-03-5852,5,4,3
BK4218069991,86269148,49943601,4.2.9,Android,74.080649,-130.95903,-85.015584,106.190804,2020-08-22 18:50:02.0,2020-01-25 09:57:30.0,385,97,INR,aqua,678-19-9649,2,4,2
BK976896978,82831455,35993815,4.1.27,10S,81.096901,-161.53221,-24.966348,-133.512983,2020-02-05 01:53:27.0,2020-09-12 08:12:41.0,145,79,INR,yellow,152-83-7430,1,2,1
BK103068116,66566834,91952598,3.3.3.10S,-83.917153,6.531871,45.7478225,90.765953,2020-01-30 22:05:11.0,2020-06-20 13:56:17.0,61,15,INR,gray,279-05-5866,2,5,3
BK4062300897,30408921,76339607,3.2.22,Android,-19.6790405,-123.769579,-34.683816,99.134641,2020-04-29 12:54:58.0,2020-06-22 11:44:06.0,518,19,INR,aqua,133-60-2955,3,2,4
BK8547345972,72812799,94462625,2.4.20,10S,73.6402765,-7.728246,-41.581208,-174.587515,2020-09-30 00:12:51.0,2020-05-10 08:59:36.0,808,42,INR,blue,856-05-1021,2,5,3
BK8665045347,83702830,98683002,2.4.1.10S,-77.255876,-75.74709,-42.7106005,-157.247608,2020-03-30 23:29:07.0,2020-06-13 06:03:29.0,169,88,INR,olive,363-22-7216,4,2,2
BK5770859724,31626148,51579136,1.1.1.3,Android,-59.849288,59.91604,32.1649235,-0.345563,2020-06-09 09:48:26.0,2020-03-27 07:44:06.0,604,35,INR,silver,772-44-4955,1,1,4
BK6355199619,32997872,65843642,3.4.1.10S,2.0133315,-107.961887,75.189077,50.82055,2020-03-31 14:57:36.0,2020-08-03 19:49:01.0,976,6,INR,silver,714-30-3326,1,2,3
BK9792259322,13387493,61987934,4.2.31,10S,-25.95559,25.56309,-28.869062,-67.094808,2020-02-12 06:24:07.0,2020-10-08 15:54:24.0,604,84,INR,green,125-71-3729,4,1,2
BK5039967558,69379701,75954457,1.4.14,Android,17.9209405,95.441976,22.8291935,-145.490802,2020-05-30 22:20:14.0,2020-05-21 06:27:10.0,501,69,INR,fuchsia,610-71-4452,2,1
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BK4726423346,51944487,47855012,3.1.7.10S,53.671903,162.669719,-76.595088,-148.563838,2020-10-18 10:15:09.0,2020-03-15 19:30:49.0,604,82,INR,yellow,069-14-5564,1,2,2
BK8649917268,30309651,98633053,3.1.27,Android,-36.1114355,-18.563448,40.8214175,164.433401,2020-02-29 09:48:05.0,2020-05-09 12:24:40.0,146,20,INR,purple,115-84-0813,1,4
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BK6841862500,61603783,14811189,1.2.14,Android,84.644839,1.639925,85.732219,9.907098,2020-05-23 03:18:32.0,2020-03-12 20:03:36.0,226,70,INR,maroon,163-71-4848,1,5,2
BK4224039043,94855646,97141951,2.4.20,Android,-33.4215885,-159.717944,-18.216203,24.080849,2020-10-17 08:43:27.0,2020-08-06 06:13:49.0,403,59,INR,black,557-78-8182,5,1,
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