

Load data from Amazon RDS to Hadoop

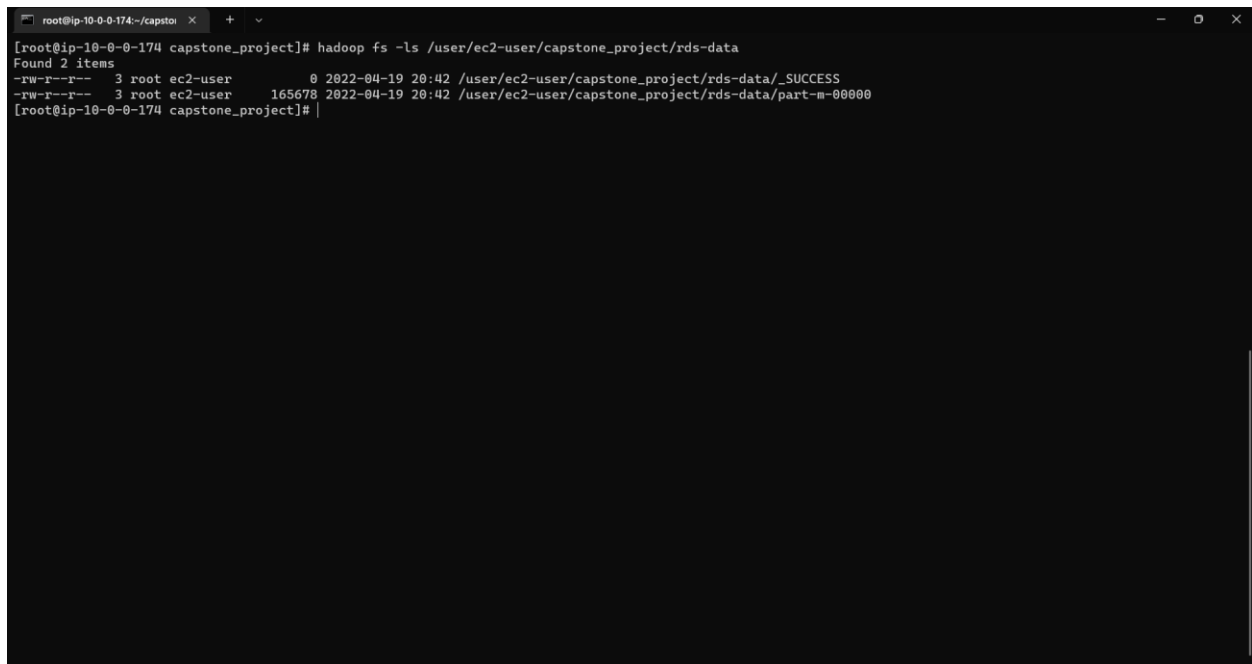
Command to load data from Amazon RDS

```
sqoop import --connect jdbc:mysql://upgraddetest.cyaie1c9bmnf.us-east-1.rds.amazonaws.com/testdatabase --table bookings --username student --password STUDENT123 --target-dir /user/ec2-user/capstone_project/rds-data -m 1
```

To check the data inside HDFS

```
Hadoop fs -cat /user/ec2-user/capstone_project/rds-data/*
```

Screenshots of command process

A terminal window with a black background and white text. The window title is 'root@ip-10-0-0-174:~/capstone_project'. The command entered is 'hadoop fs -ls /user/ec2-user/capstone_project/rds-data'. The output shows 'Found 2 items' followed by two lines of file information: '-rw-r--r-- 3 root ec2-user 0 2022-04-19 20:42 /user/ec2-user/capstone_project/rds-data/_SUCCESS' and '-rw-r--r-- 3 root ec2-user 165678 2022-04-19 20:42 /user/ec2-user/capstone_project/rds-data/part-m-00000'. The prompt '[root@ip-10-0-0-174 capstone_project]#' is visible at the end of the output.

```
root@ip-10-0-0-174:~/capstone_project]# hadoop fs -ls /user/ec2-user/capstone_project/rds-data
Found 2 items
-rw-r--r-- 3 root ec2-user      0 2022-04-19 20:42 /user/ec2-user/capstone_project/rds-data/_SUCCESS
-rw-r--r-- 3 root ec2-user 165678 2022-04-19 20:42 /user/ec2-user/capstone_project/rds-data/part-m-00000
[root@ip-10-0-0-174 capstone_project]#
```

```
root@ip-10-0-0-174:~/capstoi x + v
170,1,3,1
BK1718641612,67559017,61308810,4.4.30,iOS,35.814832,118.787533,36.3208175,-69.32082,2020-06-21 01:20:34.0,2020-03-25 12:11:42.0,932,63,INR,fuchsia,723-15-94
93,2,5,4
BK7168466183,15278180,42292257,3.1.40,iOS,50.214794,142.629899,19.394059,145.434588,2020-01-28 16:32:38.0,2020-05-28 10:25:29.0,263,21,INR,fuchsia,568-30-41
69,2,4,1
BK4797431513,28119681,42859819,1.1.8,Android,36.3909495,-69.675475,45.985664,-141.017147,2020-04-17 10:46:25.0,2020-10-17 00:56:14.0,481,1,INR,yellow,410-04
-8620,2,5,2
BK817041033,43759137,43883071,3.1.5,Android,82.2011535,53.591668,-43.3610485,-115.986783,2020-06-02 22:13:15.0,2020-10-18 23:20:14.0,260,81,INR,maroon,151-3
0-6951,2,3,1
BK3091366811,78172665,13232332,1.1.19,iOS,-54.240295,-77.782015,-22.0201085,71.882567,2020-09-17 21:17:22.0,2020-07-25 03:14:58.0,751,89,INR,blue,062-69-868
2,5,3,1
BK2211742187,98294088,38321934,3.4.35,Android,-60.7373515,-21.294616,-25.7328075,-12.309869,2020-02-08 11:34:53.0,2020-04-17 04:14:10.0,295,22,INR,maroon,37
9-54-1940,4,3,1
BK5718782371,91413624,50796177,1.2.17,iOS,12.212756,-49.495039,35.83743,21.181406,2020-08-02 15:24:44.0,2020-06-02 16:24:03.0,649,1,INR,olive,687-83-0160,4,
1,3
BK6925041861,16754182,65101252,2.3.4,iOS,-50.394933,-156.101704,81.0656725,-135.869812,2020-09-11 10:49:04.0,2020-03-05 22:44:59.0,168,69,INR,purple,711-68-
5952,4,2,3
BK1273485977,77394438,78242097,3.4.20,iOS,-81.8097455,-2.09345,-46.8590855,-69.444371,2020-01-24 03:41:51.0,2020-02-11 06:38:16.0,442,99,INR,green,210-68-58
25,3,4,4
BK1840869868,70959923,34539083,1.1.28,Android,-62.9599155,6.000395,-10.9973665,81.94683,2020-08-23 05:50:43.0,2020-07-31 14:24:55.0,075,40,INR,olive,401-09-
0475,5,3,2
BK907882598,58504148,46158041,4.3.35,iOS,29.9369725,-124.215858,-58.4375475,-89.123929,2020-01-12 08:48:05.0,2020-04-20 20:47:16.0,230,3,INR,green,266-60-74
24,3,1,1
BK5662087214,77440134,39470327,3.2.17,Android,13.965136,16.864746,-42.6375745,172.758412,2020-02-02 12:03:37.0,2020-09-26 06:29:56.0,941,88,INR,gray,279-59-
5349,5,4,1
BK8865887274,71215906,71671654,2.3.21,iOS,-85.653217,-6.88182,9.9079,-11.557289,2020-08-12 05:42:41.0,2020-06-15 18:24:22.0,894,72,INR,green,228-40-4173,2,2
,4
BK9708496297,29394176,20731780,2.4.7,Android,-45.18792,-33.406776,-67.895486,78.633127,2020-05-31 12:33:42.0,2020-04-12 21:21:13.0,938,15,INR,aqua,616-72-49
71,2,5,3
BK605227090,94946719,98071218,3.4.8,iOS,-4.8054875,-76.313234,76.0732515,-136.36527,2020-07-25 14:13:40.0,2020-07-04 14:08:20.0,716,19,INR,teal,112-71-5489,
2,5,3
BK8602928713,33696426,68228240,4.2.33,iOS,29.8689545,83.997957,-43.8161155,88.585796,2020-07-10 22:27:16.0,2020-06-07 20:32:40.0,763,65,INR,fuchsia,069-53-2
145,5,1,1
BK6243816121,74681879,25278350,2.3.24,iOS,-53.204624,-50.218077,85.7211825,-25.819898,2020-05-11 20:53:51.0,2020-08-26 11:52:47.0,196,78,INR,purple,874-93-2
459,4,1,4
BK9843664360,67564464,71913052,2.1.30,iOS,-10.031329,-49.100434,73.858805,157.577843,2020-09-20 22:51:48.0,2020-01-27 22:11:07.0,289,49,INR,maroon,876-76-75
98,3,3,3
BK6282269780,86988153,87739332,4.4.35,iOS,64.2850085,95.841271,-84.535181,-96.117739,2020-06-23 05:38:14.0,2020-07-11 16:40:57.0,196,89,INR,purple,740-96-79
31,4,5,4
[root@ip-10-0-0-174 capstone_project]# |
```