



Data Ingestion from the RDS to HDFS using Sqoop

Sqoop Import command used for importing table from RDS to HDFS:

```
sqoop import --connect jdbc:mysql://upgraddetest.cyaielc9bmnf.us-east-
1.rds.amazonaws.com/testdatabase --table SRC_ATM_TRANS --username
student --password STUDENT123 --target-dir
/user/root/SPAR_NORD_BANK_PROJECT -m 1
```

Redirecting to /bin/systemictl restart mariadb.service [root@pi-173-31-31-73 yegi-connector_lya-8.0.25]# sqoop import —connect jdbc:mysql://upgraddetest.cyaielc9bmnf.us-east-1.rds.amazonaws.com/testdatabase —table SRC_ATM_TRAMS —username student —password S TUDENT123 —target-dir /user/root/SPAR_NORD_EANK_PROJECT =m 1

Resulted Output:

```
Physical memory (bytes) snapshot=639131648
Virtual memory (bytes) snapshot=3307278336
Total committed heap usage (bytes)=528482304
File Input Format Counters
Bytes Read=0
File Output Format Counters
Bytes Written=531214815
22/10/28 08:25:28 INFO mapreduce.ImportJobBase: Transferred 506.6059 MB in 45.3888 seconds (11.1615 MB/sec)
22/10/28 08:25:28 INFO mapreduce.ImportJobBase: Retrieved 2468572 records.
[root@ip-172-31-18-127 mysql-connector-java-8.0.25]# |
```

Command used to see the list of imported data in HDFS:

hadoop fs -ls /user/root/SPAR_NORD_BANK_PROJECT

```
Dytes written=531214615

22/10/28 08:28:47 INFO mapreduce.ImportJobBase: Transferred 506.6059 MB in 38.2227 seconds (13.2541 MB/sec)

22/10/28 08:28:47 INFO mapreduce.ImportJobBase: Retrieved 2468572 records.

[root@ip=172-31-18-127 mysql-connector-java-8.0.25]# hadoop fs -ls /user/root/SPAR_NORD_BANK_PROJECT

Found 2 items

-rw-r---- 1 root hdfsadmingroup 0 2022-10-28 08:28 /user/root/SPAR_NORD_BANK_PROJECT/_SUCCESS
-rw-r---- 1 root hdfsadmingroup 531214815 2022-10-28 08:28 /user/root/SPAR_NORD_BANK_PROJECT/part-m-00000

[root@ip=172-31-18-127 mysql-connector-java-8.0.25]# |
```





Screenshot of the imported data:

