

> -m 1



Data Ingestion from the RDS to HDFS using Sqoop

Before running the Sqoop import command, I made sure the target directory is not already created. Otherwise, the Sqoop import command would throw an error:

hadoop fs -rm -r /user/root/SRC_ATM_TRANS

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

[root@ip-172-31-26-96 ~]# sqoop import \
> --connect jdbc:mysql://upgraddetest.cyaielc9bmnf.useast1.rds.amazonaws.com/testdatabase \
> --table SRC_ATM_TRANS \
> --username student --password STUDENT123 \
> --target-dir /user/root/SRC_ATM_TRANS \

In the screenshot above we can see 2468572 rows have been retrieved.





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

hadoop fs -ls /user/root/SRC ATM TRANS



In the screenshot above we can see two items:

- The first file is the success file, means the MapReduce job was successful.
- The second file 'part-m-00000' is the one that I imported.

Screenshot of the imported data:

A portion of data read from part-m-00000 file: