## 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-east1.rds.amazonaws.com/ testdatabase \ --table SRC\_ATM\_TRANS \ --username student --password STUDENT123 \ --target-dir /user/root/spar\_nord\_bank\_atm \ -m 1

```
### Activate Wildon Sepreture. Job: Running Job: job. 170451806016.0001
23/01/06 15/28140 INTO Sepreture. Job: job 170451806016.0001 running in wher mode: false
23/01/06 15/28140 INTO Sepreture. Job: job 07 reduce 08
23/01/06 15/28141 INTO Sepreture. Job: job 07 reduce 08
23/01/06 15/28141 INTO Sepreture. Job: job 07 reduce 08
23/01/06 15/28141 INTO Sepreture. Job: job 07 reduce 08
23/01/06 15/28141 INTO Sepreture. Job: job 07 reduce 08
23/01/06 15/2814 INTO Sepreture. Job: job 07 reduce 08
23/01/06 15/2814 INTO Sepreture. Job: job 1704551806316_0001 completed successfully
23/01/06 15/2814 INTO Sepreture. Job: job 1704551806316_0001 completed successfully
23/01/06 15/2814 INTO Sepreture. Job 1704581806316
24/01/06 15/2814 INTO Sepreture. Job 1704581806316
24/01/06 15/2814 INTO Sepreture. Job 1704581806312
24/01/06 15/2814 INTO Sepreture. Job 17045808812 Transferred 506.6059 MB in 47.8304 seconds (10.5917 MB/sec)

24/01/06 15/2814 INTO Sepreture. Job 26/06/28 Retrieved 24/68572 records.

24/01/06 15/2814 INTO Sepreture. Job 26/06/28 Retrieved 24/68572 records.

24/01/06 15/2814 INTO Sepreture. Job 26/06/28 Retrieved 24/68572 records.

24/01/06 15/2814 INTO Sepreture. Job 26/06/28 Retrieved 24/68572 records.

24/01/06 15/2814 INTO Sepreture. Job 26/06/28 Retrieved 24/68572 records.
```

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/spar\_nord\_bank\_atm

In the screenshot above we can see two items:

- The first file is the success file, indicating that the MapReduce job was successful.
- The second file 'part-m-00000' is the one that I imported. Since I used only one mapper in my import command, thus the data is in a single file.

## Screenshot of the imported data:

## hadoop fs -cat /user/root/spar\_nord\_bank\_atm/part-m-00000

