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_atm \
-m 1
```

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

```
Found 2 items
-rw-r--r-- 1 root hadoop 0 2022-04-30 07:43 /user/root/spar_nord_bank_atm/_SUCCESS
-rw-r--r-- 1 root hadoop 531214815 2022-04-30 07:43 /user/root/spar_nord_bank_atm/part-m-00000
```

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:

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