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/ETL_Project_SPAR_NORD \

This command transfers data from RDS table "SRC_ATM_TRANS" to an Hadoop.
--connect: JDBC connection string for the RDS(MySQL) database
--username: username to use to connect to the Database
--password: password to use to connect to the Database
```

- --table: name of the source (MySQL) table
- --target-dir: Target directory where the data will be stored in HDFS
- --m: Number of map tasks

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

hdfs fs -ls /user/root/ETL_Project_SPAR_NORD

```
Virtual memory (bytes) snapshot=3288629248

Total committed heap usage (bytes)=542113792

File Input Format Counters

Bytes Read=0

File Output Format Counters

Bytes Written=531214815

24/04/27 17:39:44 INFO mapreduce.ImportJobBase: Transferred 506.6059 MB in 53.2267 seconds (9.5179 MB/sec)

24/04/27 17:39:44 INFO mapreduce.ImportJobBase: Retrieved 2468572 records.

[hadoop@ip-172-31-40-45 mysql-connector-java-8.0.25]$
[h
```

Screenshot of the imported data:

hadoop fs -cat /user/root/ETL_Project_SPAR_NORD/part-m-00000

<Screenshot of the imported data>

№ hadoop@ip-172-31-40-45:/mysql-connector-java-8.0.25		
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2017, January, 1, Sunday, 15, Active, [hadoop@ip-172-31-40-45 mysql-connector-java-8.0.25]\$ [