Data Ingestion from the RDS to HDFS using Sqoop

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

Command:
sqoop import \
--connect jdbc:mysql://##########.us-east-1.rds.amazonaws.com/testdatabase \
--table SRC_ATM_TRANS \
--username ######## \
--password ######## \
--target-dir /user/root/atm_data \
-m 1

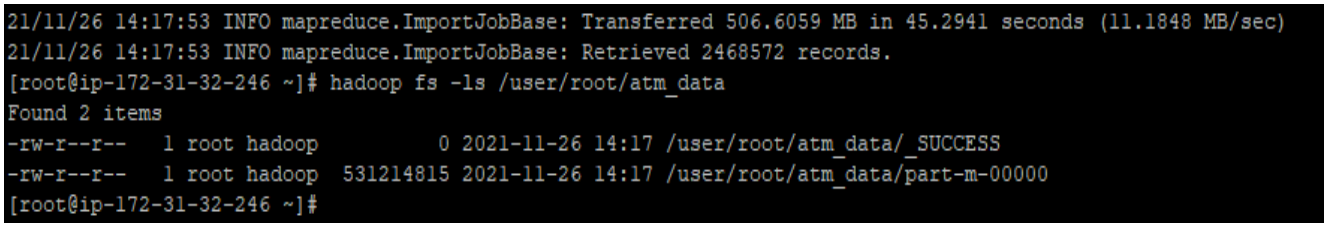
Explanation: This is the sqoop import command used to import the dataset/table from the RDS to the HDFS using the RDS connection string, username, password and table name provided in the problem statement of the project. I have also provided the target directory where the data will be copied in the HDFS (/user/root/atm_data).

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

Command:
hadoop fs -ls /user/root/atm_data

Explanation: This is the command used to list the imported data in the HDFS. This command will show the files present in the target directory in the HDFS (/user/root/atm_data). The command will show two files named _**SUCCESS** and **part-m-00000** in the output.

Screenshot of the imported data:



Explanation: Above is the screenshot of the data/files imported from the RDS to the HDFS using sqoop.