## 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 --username student --password STUDENT123 --table SRC\_ATM\_TRANS --target-dir source -m 1

Comment: Used the authentication details provide in the problem statement to import data from the RDS to HDFS on ec2 instance. "source" is the target directory I've choosen.

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

hadoop fs -ls source/

## **Screenshots:**

```
FILE: Number of write operations=0
HDRS: Number of bytes read=87
HDRS: Number of bytes written=531214815
HDRS: Number of bytes written=531214815
HDRS: Number of read operations=4
HDRS: Number of read operations=0
HDRS: Number of write operations=2
Job Counters

Launched map tasks=1
Other local map tasks=1
Total time spent by all maps in occupied slots (ms)=42671
Total time spent by all map tasks (ms)=42671
Total time spent by all map tasks (ms)=0
Total time spent by all map tasks (ms)=82671
Total negabyte-milliseconds taken by all map tasks=43695104
Map-Reduce Framework
Map input records=2468572
Map output records=2468572
Input split bytes=87
Spilled Records=0
Failed Shuffles=0
Merged Map outputs=0
GC time elapsed (ms)=398
GCPU time spent (ms)=35030
Physical memory (bytes) snapshot=420265984
Virtual memory (bytes) snapshot=2799398912
Total committed heap usage (bytes)=375914496
File Input Format Counters
Bytes Read=0
File Output Format Counters
Bytes Read=0
File Output Format Counters
Bytes Read=0
File Output Format Counters
Bytes Read=0
InportJobBase: Transferred 506.6059 MB in 81.7496 seconds (6.197 MB/sec)

LTOOT®1p-10-0-0-254 ~|4 hadoop fs ~|5
```