## Steps followed:

- 1. SSH into EMR primary node
- 2. Install Mysql connector using following commands
  - a. wgethttps://de-mysql-connector.s3.amazonaws.com/mysql-connector-java-8.0.25.tar.gz
  - b. tar -xvf mysql-connector-java-8.0.25.tar.gz
  - c. cd mysql-connector-java-8.0.25
  - d. sudo cp mysql-connector-java-8.0.25.jar /usr/lib/sqoop/lib/
- 3. Data import from RDS to HDFS using following sqoop import command
  - a. sqoop import \
    - --connect

jdbc:mysql://upgraddetest.cyaielc9bmnf.us-east-1 .rds.amazonaws.com/testdatabase \

- --username student \
- --password STUDENT123 \
- --table SRC\_ATM\_TRANS \
- --target-dir /user/root/SRC\_ATM\_TRANS \
- -m 1

## Importing of data from RDS to HDFS

```
| Interdip-18-42-54 | Propos | Interdip-18-42-54 | Proposition |
```

```
23/12/83 87:13:58 INFO mapreduce.Job: map 6% reduce 6%
23/12/83 87:14:59 INFO mapreduce.Job: map 180% reduce 6%
23/12/83 87:14:59 INFO mapreduce.Job: Job Job Job JP2556468771_0801 completed successfully
23/12/83 87:14:59 INFO mapreduce.Job: Counters: 38

File System Counters

File Number of Dytes reader

File: Number of Dytes reader

File: Number of Dytes reader

File: Number of Large read operations=0

File: Number (mile: Number operations=0

File: Number (mile: Number of Large Read Number of Large Read Operations=0

File: Number of L
```

## **Verification of Data import**

```
[[hadoop@ip-10-0-12-204 ~]$ hadoop fs -ls /user/root/SRC_ATM_TRANS
Found 2 items
-rw-r--r-- 1 root hadoop 0 2023-12-03 07:14 /user/root/SRC_ATM_TRANS/_SUCCESS
-rw-r--r-- 1 root hadoop 531214815 2023-12-03 07:14 /user/root/SRC_ATM_TRANS/part-m-00000
[[hadoop@ip-10-0-12-204 ~]$ hadoop fs -cat /user/root/SRC_ATM_TRANS/part-m-00000 | wc -l
2468572
[hadoop@ip-10-0-12-204 ~]$ ■
```