



Data Ingestion from the RDS to HDFS using Sqoop

Before running the Sqoop import command, verification of non-existence of target directory was undertaken to avoid error generation by Sqoop import command.

```
[hadoop@ip-172-31-46-141 ~]$ hadoop fs -rm -r /user/root/SRC_ATM_TRANS rm: `/user/root/SRC_ATM_TRANS': No such file or directory [hadoop@ip-172-31-46-141 ~]$
```

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/SRC ATM TRANS \

-m 1





As a result of Sqoop import job, 2468572 records have been imported which is in consonance with the Validation Document.

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

hadoop fs -ls /user/root/SRC_ATM_TRANS

```
[hadoop@ip-172-31-46-141 ~] $ hadoop fs -ls /user/root/SRC_ATM_TRANS
Found 2 items
-rw-r--r- 1 hadoop hadoop 0 2022-07-24 22:06 /user/root/SRC_ATM_TRAN
S/_SUCCESS
-rw-r--r- 1 hadoop hadoop 531214815 2022-07-24 22:06 /user/root/SRC_ATM_TRAN
S/part-m-00000
[hadoop@ip-172-31-46-141 ~] $
```

Screenshot of the imported data:

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