



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 /user/root/SRC_ATM_TRANS \

-m 1

```
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2024-08-02 19:00:06,990 INFO mapreduce.ImportJobBase: Transferred 506.6059 MB in 51.0389 seconds (9.9259 MB/sec)

2024-08-02 19:00:06,992 INFO mapreduce.ImportJobBase: Retrieved 2468572 records.

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

hadoop fs —Is /user/root/SRC_ATM_TRANS

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

Screenshot of the imported data:

```
[hadoop@ip-172-31-1-156 ~]$ hadoop fs -1s /user/root/SRC_ATM_TRANS
Found 2 items
-rw-r--r- 1 hadoop hdfsadmingroup 0 2024-08-02 19:00 /user/root/SRC_ATM_TRANS/_SUCCESS
-rw-r--r- 1 hadoop hdfsadmingroup 531214815 2024-08-02 19:00 /user/root/SRC_ATM_TRANS/part-m-00000
[hadoop@ip-172-31-1-156 ~]$
```



