

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.cyaieic9bmnf.us-east-1.rds.amazonaws.com/testdatabase \  
--table SRC_ATM_TRANS \  
--username student --password STUDENT123 \  
--target-dir /user/root/atm_trans \  
-m 1
```

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

```
hadoop fs -ls /user/root/atm_trans
```

Screenshot of the imported data:

```
[root@ip-10-0-0-173 ~]# sqoop import \  
> --connect jdbc:mysql://upgraddetest.cyaieic9bmnf.us-east-1.rds.amazonaws.com/t  
estdatabase \  
> --table SRC_ATM_TRANS \  
> --username student --password STUDENT123 \  
> --target-dir /user/root/atm_trans \  
> -m 1  
Bytes written: 531214815  
21/02/20 18:16:32 INFO mapreduce.ImportJobBase: Transferred 506.6059 MB in 56.04  
28 seconds (9.0396 MB/sec)  
21/02/20 18:16:32 INFO mapreduce.ImportJobBase: Retrieved 2468572 records.  
[root@ip-10-0-0-173 ~]# hadoop fs -ls /user/root/atm_trans  
Found 2 items  
-rw-r--r--  3 root supergroup          0 2021-02-20 18:16 /user/root/atm_trans/_SUCCESS  
-rw-r--r--  3 root supergroup 531214815 2021-02-20 18:16 /user/root/atm_trans/part-m-00000
```