

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://upgradtest.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:

```
[hadoop@ip-10-0-0-232 mysql-connector-java-8.0.25]$ hadoop fs -ls /user/root/atm_trans  
SLF4J: Class path contains multiple SLF4J bindings.  
SLF4J: Found binding in [jar:file:/usr/lib/hadoop/lib/slf4j-log4j12-1.7.25.jar!/org/slf4j/impl/StaticLoggerBinder.class]  
SLF4J: Found binding in [jar:file:/usr/share/aws/emr/emrfs/lib/slf4j-log4j12-1.7.12.jar!/org/slf4j/impl/StaticLoggerBinder.class]  
SLF4J: See http://www.slf4j.org/codes.html#multiple_bindings for an explanation.  
SLF4J: Actual binding is of type [org.slf4j.impl.Log4jLoggerFactory]  
Found 2 items  
-rw-r--r-- 1 hadoop hdfsadmin group 0 2022-04-27 14:17 /user/root/atm_trans/_SUCCESS  
-rw-r--r-- 1 hadoop hdfsadmin group 531214815 2022-04-27 14:17 /user/root/atm_trans/part-m-00000  
[hadoop@ip-10-0-0-232 mysql-connector-java-8.0.25]$
```