Data Ingestion from the RDS to HDFS using Sqoop

Sqoop Import command used for importing table from RDS to HDFS:

<Sqoop Import Command>

Answer:

creating file in hdfs to import data from MYSQL database

[root@ip-172-31-45-59 ~]#hadoop fs -rm -r /user/root/ETL_Proj_Data

importing table using sqoop command (using compression)

[root@ip-172-31-45-59 ~]#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/ETL_Proj_Data \
- --compression-codec org.apache.hadoop.io.compress.SnappyCodec \
- --null-string '\\N' --null-non-string '\\N' \
- -m 1

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

<Command used>

Answer:

hadoop fs -ls /user/root/ETL_Proj_Data

Screenshot of the imported data:

<Screenshot of the imported data>

Answer:

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# THE: Number of write operations=0

# FILE: Number of bytes gead=general professes and professes are professes as a professes are professes and professes are professes as a professes and professes are professes and professes are professes and professes are professes and professes are professes and professes and professes are professes and professes and professes are professes and professes and professes and professes and professes and professes are professes and professes are professes and professes are professes and professes and professes are professes and professes and professes a
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SQOOP COMMAND SS

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