



## 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 -m 1

After successful execution of command, data is available in user/Hadoop/SRC\_ATM\_TRANS location.

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

hdfs dfs -ls SRC ATM TRANS

## Screenshot of the imported data:

```
[[hadoop@ip-10-0-5-106 ~]$ hadoop fs -cat /user/hadoop/SRC_ATM_TRANS/part-m-00000 | head
2017, January, 1, Sunday, 0, Active, 1, NCR, NAFA stved, Farimagsvej, 8, 4700, 55. 233, 11.763, DKK, MasterCard, 5643, Withdrawal, , , 55. 230, 11.761, 2616038, Naestved, 281.150, 1014, 87, 7, 260, 0.215, 92, 500, Rain, light rain
2017, January, 1, Sunday, 0, Inactive, 2, NCR, Vejgaard, Hadsundvej, 20, 9000, 57.043, 9.950, DKK, MasterCard, 1764, Withdrawal, ,, 57.048, 9.935, 2616235, NÅfÅ, rresundby, 280.640, 1020, 93, 9, 250, 0.590, 92, 500, Rain, light rain
2017, January, 1, Sunday, 0, Inactive, 2, NCR, Vejgaard, Hadsundvej, 20, 9000, 57.043, 9.950, DKK, VISA, 1891, Withdrawal, ., 57.048, 9.935, 2616235, NÅfÅ, rresundby, 280.640, 1020, 93, 9, 250, 0.590, 92, 500, Rain, light rain
2017, January, 1, Sunday, 0, Inactive, 3, NCR, Ikast, RĀfĀldhusstrĀfĀļdet, 12, 7430, 56.139, 9.154, DKK, VISA, 4166, Withdrawal, , , 56.139, 9.158, 2619426, Ikast, 201.150, 1011, 100, 6, 240, 0.000, 75, 300, Drizzle, light intensity driz
zle
2017, January, 1, Sunday, 0, Active, 4, NCR, Svogerslev, Bråfå, nsager, 1, 4000, 55.634, 12.018, DKK, MasterCard, 5153, Withdrawal, ,, 55.642, 12.080, 2614481, Roskilde, 280.610, 1014, 87, 7, 260, 0.000, 88, 701, Mist, mist
2017, January, 1, Sunday, 0, Active, 5, NCR, Nibe, Torvet, 1, 9240, 56. 983, 9.639, DKK, MasterCard, 3269, Withdrawal, , , 56. 981, 9.639, 2616483, Nibe, 280.640, 1020, 93, 9, 250, 0.590, 92, 500, Rain, Light rain
2017, January, 1, Sunday, 0, Active, 6, NCR, Fredericia, 5jĀfĀ; llandsgade, 33, 7000, 55.564, 9.757, DKK, MasterCard, 887, Withdrawal, ,, 55.566, 9.753, 2621951, Fredericia, 281.150, 1014, 93, 7, 230, 0.290, 92, 500, Rain, light rain
2017, January, 1, Sunday, 0, Active, 7, Diebold Nixdorf, Hjallerup, Hjallerup Centret, 18, 9320, 57.168, 10.148, DKK, Mastercard - on-us, 4626, Withdrawal, , , 57.165, 10.146, 2620275, Hjallerup, 280.640, 1020, 93, 9, 250, 0.590, 92, 5
00, Rain, light rain
2017, January, 1, Sunday, 0, Active, 8, NCR, GlyngÄfâ, re, FÄfâ|rgevej, 1, 7870, 56.762, 8.867, DKK, MasterCard, 470, Withdrawal, .., 56.793, 8.853, 2615964, Nykobing Mors, 281.150, 1011, 100, 6, 240, 0.000, 75, 300, Drizzle, light intens
ity drizzle
2017, January, 1, Sunday, 0, Active, 9, Diebold Nixdorf, Hadsund, Storegade, 12, 9560, 56. 716, 10.114, DKK, VISA, 8473, Withdrawal, , , 56. 715, 10.117, 2620952, Hadsund, 280.640, 1020, 93, 9, 250, 0.590, 92, 500, Rain, light rain
cat: Unable to write to output stream.
[hadoop@ip-10-0-5-106 ~]$
```