

Data Ingestion from the RDS to HDFS using Sqoop

Sqoop Import Command

```
sqoop import \
--connect jdbc:mysql://upgraddetest.cyaiecl9bmnf.us-east-1.rds.amazonaws.com/testdatabase \
--username student \
--password STUDENT123 \
--table SRC_ATM_TRANS \
--target-dir /user/root/Spar_Nord_Bank_ATM_Data \
-m 1
```

List of files in HDFS :

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

Screenshot :

```
[root@ip-172-31-56-53 ~]# hadoop fs -ls /user/root/Spar_Nord_Bank_ATM_Data
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/lib/tez/lib/slf4j-reload4j-1.7.36.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 root hdfsadmin group 0 2023-10-31 07:40 /user/root/Spar_Nord_Bank_ATM_Data/ SUCCESS
-rw-r--r-- 1 root hdfsadmin group 531214815 2023-10-31 07:40 /user/root/Spar_Nord_Bank_ATM_Data/part-m-00000
```

```
root@ip-172-31-56-53:~
une,273.850,1013,74,3,340,0.000,0,800,Clear,Skys is Clear
2017,January,2,Monday,10,Active,35,NCR,Aabybro,ÅfEmstergade,6,9440,57.162,9.730,DKK,Visa Dankort - on-us,9070,Withdrawal,,,57.158,9.737,2625037,Aabybro,271.150,1014,63,1
,190,0.000,0,800,Clear,Skys is Clear
2017,January,2,Monday,10,Active,92,NCR,Intern HjøfÅrring,ÅfEmstergade,8,9800,57.459,9.988,DKK,HÅfÅvekort - on-us,9603,Withdrawal,,,57.464,9.982,2620214,Hjørring,271.
150,1014,63,1,190,0.000,0,800,Clear,Skys is Clear
2017,January,2,Monday,10,Inactive,81,NCR,Spar KÅfÅbmand TornhÅfÅ,3,TornhÅfÅ,3vej,4,9220,57.026,10.002,DKK,MasterCard,804,Withdrawal,,,56.994,9.991,2621449,Gistrup,271.
150,1014,63,1,190,0.000,0,800,Clear,Skys is Clear
2017,January,2,Monday,10,Active,65,NCR,Storvorde,VandvÅfÅrksvej,2,9280,57.005,10.101,DKK,Visa Dankort - on-us,5210,Withdrawal,,,57.004,10.101,2612301,Storvorde,271.150
,1014,63,1,190,0.000,0,800,Clear,Skys is Clear
2017,January,2,Monday,10,Active,19,NCR,Kolding,Vejlevej,135,6000,55.505,9.457,DKK,Mastercard - on-us,3640,Withdrawal,,,55.490,9.472,2618528,Kolding,272.690,1016,92,0,21
0,0.000,0,800,Clear,Skys is Clear
2017,January,2,Monday,10,Inactive,90,NCR,Intern HolbÅfÅk,Slotavolden,7,4300,55.718,11.704,DKK,Mastercard - on-us,2568,Withdrawal,,,55.700,11.700,2620141,HolbÅfÅk Komm
une,273.850,1013,74,3,340,0.000,0,800,Clear,Skys is Clear
2017,January,2,Monday,10,Active,37,NCR,Silkeborg,Borgergade,36,8600,56.179,9.552,DKK,Visa Dankort,1922,Withdrawal,,,56.170,9.545,2614030,Silkeborg,271.850,1015,92,2,240
,0.000,32,802,Clouds,scattered clouds
2017,January,2,Monday,10,Active,42,NCR,Vinderup,SÅfÅndergade,5,7830,56.481,8.779,DKK,Visa Dankort - on-us,1907,Withdrawal,,,56.475,8.791,2610196,Vinderup,271.150,1014,
63,1,190,0.000,0,800,Clear,Skys is Clear
2017,January,2,Monday,10,Active,68,NCR,Drive Up Vejle,Havneparken,4,7100,55.707,9.541,DKK,Visa Dankort,3767,Withdrawal,,,55.709,9.536,2610613,Vejle,272.400,1016,100,2,
260,0.000,24,801,Clouds,few clouds
2017,January,2,Monday,10,Active,38,NCR,Hasseris,Hasserisvej,113,9000,57.044,9.898,DKK,Visa Dankort - on-us,3116,Withdrawal,,,57.048,9.919,2624886,Halborg,271.150,1014,6
3,1,190,0.000,0,800,Clear,Skys is Clear
2017,January,2,Monday,10,Inactive,16,NCR,Skive,Adelgade,8,7800,56.567,9.027,DKK,MasterCard,4279,Withdrawal,,,56.567,9.033,2613731,Skive,271.150,1015,92,2,240,0.000,24,8
01,Clouds,few clouds
2017,January,2,Monday,10,Active,58,NCR,StÅfÅrring,Baunebakken,4,9530,56.890,9.836,DKK,HÅfÅvekort - on-us,2046,Withdrawal,,,56.885,9.838,2612500,Storving,271.150,1014,
63,1,190,0.000,0,800,Clear,Skys is Clear
2017,January,2,Monday,10,Active,62,Diebold Nixdorf,Ternrød,Bymidt,2,9575,56.815,10.057,DKK,Dankort - on-us,7393,Withdrawal,,,56.715,10.117,2620952,Hadsund,271.150,10
14,63,1,190,0.000,0,800,Clear,Skys is Clear
2017,January,2,Monday,10,Inactive,30,NCR,NykÅfÅbing Mors,Kirketorvet,1,7900,56.795,8.860,DKK,Visa Dankort - on-us,826,Withdrawal,,,56.793,8.853,2615964,Nykobing Mors,2
71.150,1015,92,2,240,0.000,0,800,Clear,Skys is Clear
2017,January,2,Monday,10,Active,11,NCR,Sauersvej,Fridtjof Nansens Vej,2,9210,57.023,9.940,DKK,Visa Dankort - on-us,1953,Withdrawal,,,57.048,9.935,2616235,NÅfÅrresundby
,271.150,1014,63,1,190,0.000,0,800,Clear,Skys is Clear
2017,January,2,Monday,10,Active,55,NCR,Ården,Vestergade,6,9510,56.768,9.859,DKK,Dankort - on-us,7288,Withdrawal,,,56.885,9.838,2612500,Storving,271.150,1014,63,1,190,0.
000,0,800,Clear,Skys is Clear
2017,January,2,Monday,10,Active,49,NCR,Bindslev,NÅfÅrrebro,18,9881,57.541,10.200,DKK,Mastercard - on-us,578,Withdrawal,,,57.471,10.203,2614010,Sindal,271.150,1014,63,1
,190,0.000,0,800,Clear,Skys is Clear
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