

## Data Ingestion from the RDS to HDFS using Sqoop

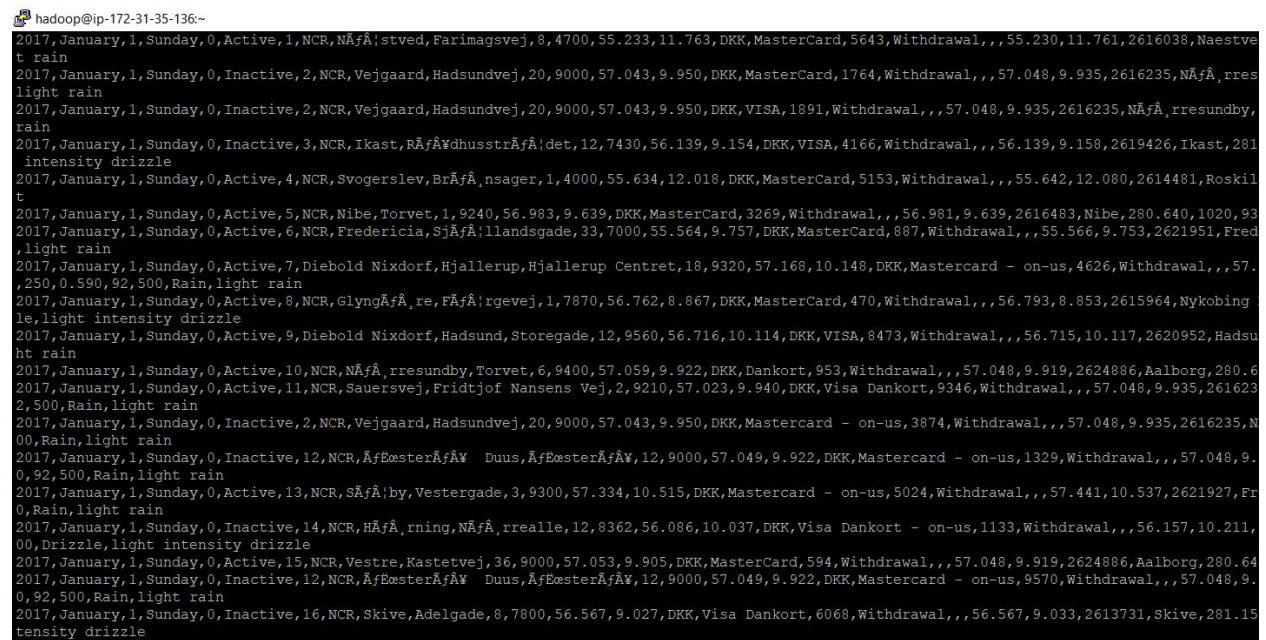
### Sqoop Import command used for importing table from RDS to HDFS:

```
sqoop import \
--connect jdbc:mysql://upgraddetest.cyaieic9bmnf.us-east-1.rds.amazonaws.com/testdatabase \
--username student \
--password STUDENT123 \
--table SRC_ATM_TRANS \
--target-dir /user/hadoop/sqoop_import \
-m 1
```

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

```
hadoop fs -cat /user/hadoop/sqoop_import/part-m-00000 | less
```

### Screenshot of the imported data:



```
hadoop@ip-172-31-35-136:~$
2017, January, 1, Sunday, 0, Active, 1, NCR, NÅfÅ\stved, Farimagssvej, 8, 4700, 55.233, 11.763, DKK, MasterCard, 5643, Withdrawal, , , 55.230, 11.761, 2616038, Naestve
t 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, rres
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,
rain
2017, January, 1, Sunday, 0, Inactive, 3, NCR, Ikast, RÅfÅ\ydhustrÅfÅ\det, 12, 7430, 56.139, 9.154, DKK, VISA, 4166, Withdrawal, , , 56.139, 9.158, 2619426, Ikast, 281
intensity drizzle
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, Roskil
t
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
2017, January, 1, Sunday, 0, Active, 6, NCR, Fredericia, SjøfÅ\llandsgade, 33, 7000, 55.564, 9.757, DKK, MasterCard, 887, Withdrawal, , , 55.566, 9.753, 2621951, Fred
, 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.
, 250, 0.590, 92, 500, Rain, light rain
2017, January, 1, Sunday, 0, Active, 8, NCR, GlyngÅfÅ, re, FÅfÅ\rgevej, 1, 7870, 56.762, 8.867, DKK, MasterCard, 470, Withdrawal, , , 56.793, 8.853, 2615964, Nykobing
le, light intensity 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, Hadsu
ht rain
2017, January, 1, Sunday, 0, Active, 10, NCR, NÅfÅ, rresundby, Torvet, 6, 9400, 57.059, 9.922, DKK, Dankort, 953, Withdrawal, , , 57.048, 9.919, 2624886, Aalborg, 280.6
2017, January, 1, Sunday, 0, Active, 11, NCR, Sauersvej, Fridtjof Nansens Vej, 2, 9210, 57.023, 9.940, DKK, Visa Dankort, 9346, Withdrawal, , , 57.048, 9.935, 261623
2, 500, Rain, light rain
2017, January, 1, Sunday, 0, Inactive, 2, NCR, Vejgaard, Hadsundvej, 20, 9000, 57.043, 9.950, DKK, Mastercard - on-us, 3874, Withdrawal, , , 57.048, 9.935, 2616235, N
00, Rain, light rain
2017, January, 1, Sunday, 0, Inactive, 12, NCR, ÅfEøsterÅfÅ\ Duus, ÅfEøsterÅfÅ\, 12, 9000, 57.049, 9.922, DKK, Mastercard - on-us, 1329, Withdrawal, , , 57.048, 9.
0, 92, 500, Rain, light rain
2017, January, 1, Sunday, 0, Active, 13, NCR, SÅfÅ\by, Vestergade, 3, 9300, 57.334, 10.515, DKK, Mastercard - on-us, 5024, Withdrawal, , , 57.441, 10.537, 2621927, Fr
0, Rain, light rain
2017, January, 1, Sunday, 0, Inactive, 14, NCR, HÅfÅ, rning, NÅfÅ, rrealle, 12, 8362, 56.086, 10.037, DKK, Visa Dankort - on-us, 1133, Withdrawal, , , 56.157, 10.211,
00, Drizzle, light intensity drizzle
2017, January, 1, Sunday, 0, Active, 15, NCR, Vestre, Kastetvej, 36, 9000, 57.053, 9.905, DKK, MasterCard, 594, Withdrawal, , , 57.048, 9.919, 2624886, Aalborg, 280.64
2017, January, 1, Sunday, 0, Inactive, 12, NCR, ÅfEøsterÅfÅ\ Duus, ÅfEøsterÅfÅ\, 12, 9000, 57.049, 9.922, DKK, Mastercard - on-us, 9570, Withdrawal, , , 57.048, 9.
0, 92, 500, Rain, light rain
2017, January, 1, Sunday, 0, Inactive, 16, NCR, Skive, Adelgade, 8, 7800, 56.567, 9.027, DKK, Visa Dankort, 6068, Withdrawal, , , 56.567, 9.033, 2613731, Skive, 281.15
tensity drizzle
```