

## 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\  
--table SRC_ATM_TRANS \  
--username student --password STUDENT123 \  
--target-dir /user/root/SRC_ATM_TRANS \  
-m 1
```

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

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

### Screenshot of the imported data:

2017, January, 4, Wednesday, 10, Active, 104, NCR, Intern ÆfæsterÆfÆ¥, ÆfæsterÆfÆ¥, 12, 4886, Aalborg, 275.079, 1008, 69, 11, 3, 0.000, 8, 800, Clear, sky is clear

2017, January, 4, Wednesday, 10, Inactive, 3, NCR, Ikast, RÆfÆ¥dhusstrÆfÆ¥det, 12, 7430, 56.1, 1001, 69, 7, 350, 0.000, 0, 800, Clear, Sky is Clear

2017, January, 4, Wednesday, 10, Active, 33, NCR, Vadum, Ellehammersvej, 43, 9430, 57.118, 9.008, 69, 11, 3, 0.000, 8, 800, Clear, sky is clear

2017, January, 4, Wednesday, 10, Inactive, 54, NCR, Durup, Torvet, 4, 7870, 56.745, 8.949, DKK, 1001, 69, 7, 350, 0.000, 32, 802, Clouds, scattered clouds

2017, January, 4, Wednesday, 10, Active, 38, NCR, Hasseris, Hasserisvej, 113, 9000, 57.044, 9.5.079, 1008, 69, 11, 3, 0.000, 8, 800, Clear, sky is clear

2017, January, 4, Wednesday, 10, Active, 69, NCR, Taars, Bredgade, 91, 9830, 57.385, 10.116, D, 69, 11, 3, 0.000, 8, 800, Clear, sky is clear

2017, January, 4, Wednesday, 10, Active, 31, NCR, Slagelse, Mariendals Alle, 29, 4200, 55.396.380, 994, 74, 10, 350, 0.000, 12, 801, Clouds, few clouds

2017, January, 4, Wednesday, 10, Active, 62, Diebold Nixdorf, Terndrup, Bymidten, 2, 9575, 5und, 275.079, 1008, 69, 11, 3, 0.000, 8, 800, Clear, sky is clear

2017, January, 4, Wednesday, 10, Active, 41, Diebold Nixdorf, Skagen, Sct. Laurentiivej, 3613939, Skagen, 272.280, 997, 86, 9, 20, 0.000, 90, 600, Snow, light snow

2017, January, 4, Wednesday, 10, Active, 13, NCR, SÆfÆ¥by, Vestergade, 3, 9300, 57.334, 10.51avn, 276.229, 1009, 100, 13, 15, 0.000, 76, 803, Clouds, broken clouds

2017, January, 4, Wednesday, 10, Active, 15, NCR, Vestre, Kastetvej, 36, 9000, 57.053, 9.905, 9, 11, 3, 0.000, 8, 800, Clear, sky is clear

2017, January, 4, Wednesday, 10, Active, 48, Diebold Nixdorf, BrÆfÆ¥nderslev, Algade, 4, 97, Vadum, 275.079, 1008, 69, 11, 3, 0.000, 8, 800, Clear, sky is clear

2017, January, 4, Wednesday, 10, Active, 104, NCR, Intern ÆfæsterÆfÆ¥, ÆfæsterÆfÆ¥, 12, 86, Aalborg, 275.079, 1008, 69, 11, 3, 0.000, 8, 800, Clear, sky is clear

2017, January, 4, Wednesday, 10, Active, 4, NCR, Svogerslev, BrÆfÆ¥nsager, 1, 4000, 55.634, 1, 994, 74, 10, 350, 0.235, 36, 500, Rain, light rain

2017, January, 4, Wednesday, 10, Active, 40, Diebold Nixdorf, Frederikshavn, Danmarksgade 7, 2621927, Frederikshavn, 276.229, 1009, 100, 13, 15, 0.000, 76, 803, Clouds, broken clouds

2017, January, 4, Wednesday, 10, Active, 69, NCR, Taars, Bredgade, 91, 9830, 57.385, 10.116, D, 08, 69, 11, 3, 0.000, 8, 800, Clear, sky is clear

2017, January, 4, Wednesday, 10, Active, 39, NCR, Svenstrup, GodthÆfÆ¥bsvej, 14, 9230, 56.97rup, 275.079, 1008, 69, 11, 3, 0.000, 8, 800, Clear, sky is clear

2017, January, 4, Wednesday, 10, Active, 49, NCR, Bindslev, NÆfÆ¥rrebro, 18, 9881, 57.541, 10.9, 11, 3, 0.000, 8, 800, Clear, sky is clear

2017, January, 4, Wednesday, 10, Active, 62, Diebold Nixdorf, Terndrup, Bymidten, 2, 9575, 5und, 275.079, 1008, 69, 11, 3, 0.000, 8, 800, Clear, sky is clear

2017, January, 4, Wednesday, 10, Active, 28, NCR, LÆfÆ¥gstÆfÆ¥r, Æfæsterbrogade, 8, 9670, 5y, 56.962, 9.258, 2617467, Logstor, 275.079, 1008, 69, 11, 3, 0.000, 8, 800, Clear, sky is cle