

## Data Ingestion from the RDS to HDFS using Sqoop

### 1. Sqoop command used for importing table from RDS to HDFS

#### a. Table 1: card\_member

```
sqoop import \  
--connect jdbc:mysql://upgradawsrds1.cyaiehc9bmnf.us-east-1.rds.amazonaws.com/cred_financials_data \  
--table card_member \  
--username upgraduser \  
--password upgraduser \  
--target-dir /user/hadoop/card_member \  
--m 1
```

#### b. Table 2: member\_score

```
sqoop import \  
--connect jdbc:mysql://upgradawsrds1.cyaiehc9bmnf.us-east-1.rds.amazonaws.com/cred_financials_data \  
--table member_score \  
--username upgraduser \  
--password upgraduser \  
--target-dir /user/hadoop/member_score \  
--m 1
```

### 2. Command to see the list of imported data in HDFS

#### a. Table 1: card\_member

```
hadoop fs -ls /user/hadoop/card_member
```

#### b. Table 2: member\_score

```
hadoop fs -ls /user/hadoop/member_score
```

### 3. View the imported Data

a. Table 1: card\_member

```
hadoop fs -cat /user/hadoop/card_member/part-m-00000 |head
```

a. Table 2: member\_score

```
hadoop fs -cat /user/hadoop/member_score/part-m-00000 |head
```

#### 4. Screenshot of the imported data

a. Table 1: card\_member

```
[[hadoop@ip-10-0-7-47 ~]$ hadoop fs -cat /user/hadoop/card_member/part-m-00000 |head
340028465709212,009250698176266,2012-02-08 06:04:13.0,05/13,United States,Barberton
340054675199675,835873341185231,2017-03-10 09:24:44.0,03/17,United States,Fort Dodge
340082915339645,512969555857346,2014-02-15 06:30:30.0,07/14,United States,Graham
340134186926007,887711945571282,2012-02-05 01:21:58.0,02/13,United States,Dix Hills
340265728490548,680324265406190,2014-03-29 07:49:14.0,11/14,United States,Rancho Cucamonga
340268219434811,929799084911715,2012-07-08 02:46:08.0,08/12,United States,San Francisco
340379737226464,089615510858348,2010-03-10 00:06:42.0,09/10,United States,Clinton
340383645652108,181180599313885,2012-02-24 05:32:44.0,10/16,United States,West New York
340803866934451,417664728506297,2015-05-21 04:30:45.0,08/17,United States,Beaverton
340889618969736,459292914761635,2013-04-23 08:40:11.0,11/15,United States,West Palm Beach
```

b. Table 2: member\_score

```
[[hadoop@ip-10-0-7-47 ~]$ hadoop fs -cat /user/hadoop/member_score/part-m-00000 |head
000037495066290,339
000117826301530,289
001147922084344,393
001314074991813,225
001739553947511,642
003761426295463,413
004494068832701,217
006836124210484,504
006991872634058,697
007955566230397,372
```