

## CODE :

### Download mysql connector and copy it to sqoop lib location.

```
wget https://de-mysql-connector.s3.amazonaws.com/mysql-connector-java-8.0.25.tar.gz
tar -xvf mysql-connector-java-8.0.25.tar.gz
cd mysql-connector-java-8.0.25/
sudo cp mysql-connector-java-8.0.25.jar /usr/lib/sqoop/lib
```

### Importing data from RDS to HBASE with 'hbase-create-table' :

```
sqoop import --connect jdbc:mysql://upgraderds1.cknzwrbzlx.us-east-1.rds.amazonaws.com:3306/upgrade \
--table yellow_trip \
--username admin --password admin123 \
--hbase-table upgradetrip \
--column-family yellowtrip \
--hbase-create-table \
--hbase-row-key "tpep_pickup_datetime,tpep_dropoff_datetime" \
--split-by VendorID
```

## EXPLANATION :

Sqoop import will load the data from RDS db to Hbase through MYSQL jdbc connector. It will read table **yellow\_trip** from database **upgrade** and Create **upgradetrip** into hbase system by using – hbase-create-table parameter with column family as **yellowtrip** and hbase-row-key "tpep\_pickup\_datetime,tpep\_dropoff\_datetime" from RDS table with split on **VendorID**.

## SCREENSHOT :

```

[ec2-user@ip-172-31-31-65 mysql-connector-java-8.0.25]$
[ec2-user@ip-172-31-31-65 mysql-connector-java-8.0.25]$ sqoop import --connect jdbc:mysql://upgraderds1.cknzwrbzlix.us-east-1.rds.amazonaws.com:3306/upgrade
\
> --table yellow_trip \
> --username admin --password admin123 \
> --hbase-table upgradetrip \
> --column-family yellowtrip \
> --hbase-create-table \
> --hbase-row-key "tpep_pickup_datetime,tpep_dropoff_datetime" \
> --split-by VendorID
Warning: /usr/lib/sqoop/./accumulo does not exist! Accumulo imports will fail.
Please set $ACCUMULO_HOME to the root of your Accumulo installation.
23/09/12 14:52:18 INFO sqoop.Sqoop: Running Sqoop version: 1.4.7
SLF4J: Class path contains multiple SLF4J bindings.
SLF4J: Found binding in [jar:file:/usr/lib/hadoop/lib/slf4j-log4j12-1.7.10.jar!/org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: Found binding in [jar:file:/usr/share/aws/redshift/jdbc/redshift-jdbc42-1.2.37.1061.jar!/org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: Found binding in [jar:file:/usr/lib/hive/lib/log4j-slf4j-impl-2.6.2.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]
23/09/12 14:52:19 WARN tool.BaseSqoopTool: Setting your password on the command-line is insecure. Consider using -P instead.
23/09/12 14:52:19 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.
23/09/12 14:52:19 INFO tool.CodeGenTool: Beginning code generation
Loading class 'com.mysql.jdbc.Driver'. This is deprecated. The new driver class is 'com.mysql.cj.jdbc.Driver'. The driver is automatically registered via the
SPI and manual loading of the driver class is generally unnecessary.
23/09/12 14:52:19 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM 'yellow_trip' AS t LIMIT 1
23/09/12 14:52:19 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM 'yellow_trip' AS t LIMIT 1
23/09/12 14:52:19 INFO orm.CompilationManager: HADOOP MAPRED HOME is /usr/lib/hadoop-mapreduce
Note: /tmp/sqoop-ec2-user/compile/55d5b46d92593610ad4a7db25c092075/yellow_trip.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.

```