<u>**USECASE: Import all tables to hive**</u>

#It is good to verify the target folder exists or not.

#We're going to import all the tables into Hive database named retail_db

#So, the hive tables will be copied into /user/hive/warehouse/retail_db.db folder

hadoop fs -ls /user/hive/warehouse/retail_db.db/categories

hadoop fs -ls /user/hive/warehouse/retail_db.db/customers

hadoop fs -ls /user/hive/warehouse/retail_db.db/departments

hadoop fs -ls /user/hive/warehouse/retail_db.db/order_items

hadoop fs -ls /user/hive/warehouse/retail_db.db/orders

hadoop fs -ls /user/hive/warehouse/retail_db.db/products

#Deleting the target folder

#--delete-target-dir will not work with sqoop import-all-tables

hadoop fs -rm -R /user/hive/warehouse/retail_db.db/categories

hadoop fs -rm -R /user/hive/warehouse/retail_db.db/customers

hadoop fs -rm -R /user/hive/warehouse/retail_db.db/departments

hadoop fs -rm -R /user/hive/warehouse/retail_db.db/order_items

hadoop fs -rm -R /user/hive/warehouse/retail_db.db/orders

hadoop fs -rm -R /user/hive/warehouse/retail_db.db/products

hadoop fs -rm -R /user/cloudera/categories

hadoop fs -rm -R /user/cloudera/customers

hadoop fs -rm -R /user/cloudera/departments

hadoop fs -rm -R /user/cloudera/order_items

hadoop fs -rm -R /user/cloudera/orders

hadoop fs -rm -R /user/cloudera/products

#Import all tables from MySQL database retail_db into Hive default database

#We cannot use --hive-import and --as-avrodatafile or --as-sequencefile together

#Hive import doesn't compatible with Avro or Sequence format

sqoop import-all-tables \

--connect jdbc:mysql://quickstart.cloudera:3306/retail_db \

--username retail_dba \

--password cloudera \

--fields-terminated-by ',' \

--hive-import \

```
--create-hive-table \

--hive-overwrite
```

#Import all tables from MySQL database retail_db into Hive database retail_db

#When you are using --create-hive-table switch, you have to make sure, the tables which you're going to import doesn't exists in retail_db database

#If yes, you need to drop them and delete any hdfs folder with table exists, delete them as well

```
sqoop import-all-tables \

--connect jdbc:mysql://quickstart.cloudera:3306/retail_db \

--username retail_dba \

--password cloudera \

--fields-terminated-by ',' \

--hive-import \

--create-hive-table \

--hive-overwrite \

--hive-database retail_db
```

#Import all tables from MySQL database retail_db into Hive database retail_db

#Removed --create-hive-table switch

```
sqoop import-all-tables \

--connect jdbc:mysql://quickstart.cloudera:3306/retail_db \

--username retail_dba \

--password cloudera \

--fields-terminated-by ',' \

--hive-import \

--create-hive-table \

--hive-overwrite \

--hive-database retail_db

sqoop import-all-tables \

-m 5 \

--connect "jdbc:mysql://quickstart.cloudera:3306/retail_db" \

--username=retail_dba \

--password=cloudera \

--as-avrodatafile \

--warehouse-dir=/user/hive/warehouse/retail_db.db
```