

## **Creating database and tables and importing data**

```
mysql -u root -p
```

```
CREATE DATABASE movies;
```

```
use movies;
```

```
CREATE TABLE ratings(movieid INT Not null,userid INT,rating FLOAT,time  
VARCHAR(20));
```

```
LOAD Data Local Infile '/home/cloudera/ml-small/ratings.csv' into table ratings Fields  
Terminated by ',' Enclosed By '"' Lines Terminated By '\n';
```

```
CREATE TABLE movies(movieid INT not null primary key,title varchar(100),genres  
varchar(100));
```

```
LOAD Data Local Infile '/home/cloudera/ml-small/movies.csv' into table movies Fields  
Terminated by ',' Enclosed By '"' Lines Terminated By '\n';
```

## **Exporting database and tables to HDFS and HIVE**

```
sqoop import --connect jdbc:mysql://localhost/movies --username=root  
--password=cloudera --table=movies --target-dir=/movies/movies
```

```
sqoop import --connect jdbc:mysql://localhost/movies --username=root  
--password=cloudera --table=ratings --target-dir=/movies/ratings -m 1
```

```
sqoop import-all-tables --connect jdbc:mysql://localhost/movies --username=root  
--password=cloudera --compression-codec=snappy --as-parquetfile  
--warehouse-dir=/user/hive/warehouse --hive-import -m 1
```