**SQOOP practice**

**Import**

1. create database logs
2. create table weblogs (md5 varchar(32),url varchar(64),request\_date date,request\_time time,ip varchar(15));
3. LOAD DATA LOCAL INFILE 'weblog\_entries.txt' INTO TABLE weblogs;
4. select \* from weblogs;
5. sqoop import --connect jdbc:mysql://localhost/logs --username root --password root --table weblogs --m 1
6. sqoop import --connect jdbc:mysql://localhost/logs --username root --password root --target-dir 'weblogs\_hdfs' --table weblogs --m 1

**Hive-Import**

1. sqoop import --connect jdbc:mysql://localhost/logs\_example --username root --password root --table weblogs --target-dir 'webLog3' --m 1 --hive-import --hive-table weblogs

**Export**

1. Create table weblogs\_from\_HDFS (md5 varchar(32),url varchar(64),request\_date date,request\_time time,ip varchar(15));
2. grant all privileges on logs\_example.\* to ''@localhost ;
3. sqoop export --connect jdbc:mysql://localhost/logs --table weblogs\_from\_HDFS -m 1 --export-dir 'weblog'

**Sqoop Incremental**

1. create table student ( student\_id int not null, student\_name varchar(20) not null, major varchar(20), PRIMARY KEY (student\_id) );
2. insert into student values ( 1, 'student1', 'math' );

insert into student values ( 2, 'student2', 'computer' );

insert into student values ( 3, 'student3', 'math' );

insert into student values ( 4, 'student4', 'accounting' );

1. sqoop import --connect jdbc:mysql://localhost/logs\_example --username root --password root --table student --m 1 --incremental append --check-column student\_id
2. insert into student values ( 5, 'student3', 'computer');

insert into student values ( 6, 'student4', 'math');

insert into student values ( 7, 'student5', 'computer' );

1. sqoop import --connect jdbc:mysql://localhost/logs\_example --username root --password root --table student --m 1 --split-by major --incremental append --check-column student\_id --last-value 4