**Sqoop:**

**Mysql basic commands:**

-Create database db;

-Create table new(id int,name varchar(20));

-insert into new(id,name) values(1,”hi”); (or) (2,’fi’)

**Mysql to hdfs:**

sqoop import –connect jdbc:mysql://localhost/databasename –username root –P –table ‘tablename’ –m1

**hdfs to mysql:**

sqoop export –connect jdbc:mysql://localhost/databasename –username root –P –table ‘tablename’ –m1 --export–dir hdfsdirname

**mysql to hive**

sqoop import –connect jdbc:mysql://localhost/databasename –username root –P –table tablename –m 1 --hive-import –create-hive-table –hive-table databasename.tablename

**sqoop to hbase**

sqoop import –connect jdbc:mysql://localhost/databasename –username root –P –table tablename --hbase-table tablename –column-family familyname –hbase-row-key id –m1

**HBASE:**

-create ‘tablename’,’familyname’;

-disable ‘tablename’

-drop ‘tablename’

**Hive:**

**-**create table tablename(id int,name string) row format delimited fields terminated by ‘,’;

-load data local inpath ‘/home/acadgild/Desktop/de.txt’ into table tablename;

-select name from tablename where id>3;

(**hive to local system**- insert overwrite local directory ‘/home/acadgild/new’ row format delimited fields terminated by ‘,’ select \* from name;)

**Partition:**

**Static:**

**-**create statpartblname(id int,name string) partitioned by(country string) row format delimited fields terminated by ‘,’;

-insert overwrite table statpartblname partition(country=’ind’) select id,name from tablename group by country having country=’ind’;

**Dynamic:**

-set hive.exec.dynamic.partition.mode=nonstrict;

- set hive.exec.max.dynamic.partitions.pernode=200;

-create dynpartblname(id int,name string) partitioned by(country string) row format delimited fields terminated by ‘,’;

- insert overwrite table statpartblname partition(country) select id,name from tablename group by country

-hadoop fs –ls ‘/user/hive/warehouse/db’

-select where groupby having

**JOINS:**

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