This file was made by fayez as home work for bigdata course.

08/25/2018

**Hive practice**

**8/15 Hive Practice**

You can load the text file into a textfile Hive table and then insert the data from this table into your sequencefile.

cd /tmp

nano input.txt

Start with a tab delimited file:

% cat /tmp/input.txt  
a b  
a2 b2

create a sequence file

hive> create table test\_sq(k string, v string) stored as sequencefile;

try to load; as expected, this will fail:

hive> load data local inpath '/tmp/input.txt' into table test\_sq;

But with this table:

hive> create table test\_t(k string, v string) row format delimited fields terminated by '\t' stored as textfile;

The load works just fine:

hive> load data local inpath '/tmp/input.txt' into table test\_t;  
OK  
hive> select \* from test\_t;  
OK  
a b  
a2 b2

Now load into the sequence table from the text table:

insert into table test\_sq select \* from test\_t;

<https://stackoverflow.com/questions/14064193/how-to-load-a-text-file-into-a-hive-table-stored-as-sequence-files>

Table1

cd /tmp

nano input.txt

a b

a2 b2

cat /tmp/input.txt

create table test\_sq(k string, v string) stored as sequencefile;

load data local inpath '/tmp/input.txt' into table test\_sq;

create table test\_t(k string, v string) row format delimited fields terminated by '\t' stored as textfile;

select \* from test\_t;

load data local inpath '/tmp/input.txt' into table test\_t;

select \* from test\_t;

---------------8/24/18-----------------

Creating tables

<https://www.guru99.com/hive-create-alter-drop-table.html>

CREATE TABLE guruhive\_internaltable5 (id INT,Name STRING)

Row format delimited

Fields terminated by '\t';

Run line by line without ;

Create input 2

nano input2.txt

Input 2 must have

1 Ram

2 Shiv

3 Shankar

4 Devi

hdfs dfs -put input2.txt /

LOAD DATA INPATH '/input2.txt' INTO table guruhive\_internaltable5;

Also if you remove / it takes you to default hadoop hive place on HFS

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CREATE EXTERNAL TABLE guruhive\_external2(id INT,Name STRING)

Row format delimited

Fields terminated by '\t'

LOCATION '/usr/hive/';

hdfs dfs -put input3.txt /user/

hadoop fs -ls /user/

HDFS Command Revision

<https://dzone.com/articles/top-10-hadoop-shell-commands>

<https://www.guru99.com/hive-queries-implementation.html>

----- Hive practice from tutor point------

<https://www.tutorialspoint.com/hive/hiveql_select_where.htm>

####################Correcting Null

CREATE TABLE guruhive\_internaltable6 (id INT,Name STRING)  
Row format delimited  
Fields terminated by '\t';

hdfs dfs -rm /input4.txt

insert into table guruhive\_internaltable6 select \* from guruhive\_internaltable5 where id is not null;

drop table table\_name