

This file was made by fayez as home work for bigdata course.  
08/25/2018

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\_internaltable4 (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 |

```
hdfs dfs -put input2.txt /
```

```
LOAD DATA INPATH '/input2.txt' INTO table guruhive_internaltable4;
```

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](https://www.tutorialspoint.com/hive/hiveql_select_where.htm)