Build an external hive table for the threshold data and view threshold data :

hive> create external table if not exists threshold_value (

key int,

Attribute varchar(20),

Low_Age_Limit int,

High_Age_Limit int,

Low_range_value int,

High_range_value int,

Alert_Flag string,

Alert_Message string)

row format delimited fields terminated by "|"

lines terminated by "\n";

hive> load data inpath 'threshold_values.txt' into table threshold_value;

```
hive> create external table if not exists threshold_value (
    > key int,
    > Attribute varchar(20),
    > Low_Age_Limit int,
    > High_Age_Limit int,
    > Low_range_value int,
    > High_range_value int,
    > Alert_Flag string,
    > Alert_Message string )
    > row format delimited fields terminated by  "|"
    > lines terminated by "\n";
OK
Time taken: 2.046 seconds
```

Other Details :

DATA TO LOAD :

==========

1|heartbeat|0|40|0|69|1|Lower heartrate than normal

2|heartbeat|0|40|70|78|0|Normal

3|heartbeat|0|40|79|9999|1|Higher heartrate than normal

4|bp|0|40|0|160|1|Lower bp than normal

5|bp|0|40|161|220|0|Normal

6|bp|0|40|221|9999|1|Higher bp than normal

7|heartBeat|41|100|0|65|1|Low HeartRate than Normal

8|heartBeat|41|100|66|73|0|Normal

9|heartBeat|41|100|74|9999|1|Higher HeartRate than Normal

10|bp|41|100|0|150|1|Low BP than Normal

11|bp|41|100|151|180|0|Normal

12|bp|41|100|181|9999|1|Higher BP than Normal

[hdfs@ip-10-0-0-188 ~]$ vi threshold_values.txt

[hdfs@ip-10-0-0-188 ~]$ cat threshold_values.txt

1|heartbeat|0|40|0|69|1|Lower heartrate than normal

2|heartbeat|0|40|70|78|0|Normal

3|heartbeat|0|40|79|9999|1|Higher heartrate than normal

4|bp|0|40|0|160|1|Lower bp than normal

5|bp|0|40|161|220|0|Normal

6|bp|0|40|221|9999|1|Higher bp than normal

7|heartBeat|41|100|0|65|1|Low HeartRate than Normal

8|heartBeat|41|100|66|73|0|Normal

9|heartBeat|41|100|74|9999|1|Higher HeartRate than Normal

10|bp|41|100|0|150|1|Low BP than Normal

11|bp|41|100|151|180|0|Normal

12|bp|41|100|181|9999|1|Higher BP than Normal

[hdfs@ip-10-0-0-188 ~]$ hadoop fs -put threshold_values.txt

hive> select * from threshold_value;

OK

1 heartbeat 0 40 0 69 1 Lower heartrate than normal

2 heartbeat 0 40 70 78 0 Normal

3 heartbeat 0 40 79 9999 1 Higher heartrate than normal

4 bp 0 40 0 160 1 Lower bp than normal

5 bp 0 40 161 220 0 Normal

6 bp 0 40 221 9999 1 Higher bp than normal

7 heartBeat 41 100 0 65 1 Low HeartRate than Normal

8 heartBeat 41 100 66 73 0 Normal

9 heartBeat 41 100 74 9999 1 Higher HeartRate than Normal

10 bp 41 100 0 150 1 Low BP than Normal

11 bp 41 100 151 180 0 Normal

12 bp 41 100 181 9999 1 Higher BP than Normal

Time taken: 0.059 seconds, Fetched: 12 row(s)

hive>

```
1       heartbeat       0       40      0       69      1       Lower heartrate than normal
2       heartbeat       0       40      70      78      0       Normal
3       heartbeat       0       40      79      9999    1       Higher heartrate than normal
4       bp      0       40      0       160     1       Lower bp than normal
5       bp      0       40      161     220     0       Normal
6       bp      0       40      221     9999    1       Higher bp than normal
7       heartBeat       41      100     0       65      1       Low HeartRate than Normal
8       heartBeat       41      100     66      73      0       Normal
9       heartBeat       41      100     74      9999    1       Higher HeartRate than Normal
10      bp      41      100     0       150     1       Low BP than Normal
11      bp      41      100     151     180     0       Normal
12      bp      41      100     181     9999    1       Higher BP than Normal
```