STATEMENTS TO CREATE EXTERNAL HIVE TABLE TO VIEW THRESHOLD DATA

script to build an external hive table for the threshold data and view threshold data

1.Run the below command to create hive table reference from hbase.

```
CREATE EXTERNAL TABLE threshold_reference_table (
  id int,
  attribute STRING,
  low_age_limit int,
  high_age_limit int,
  low_value int,
  high_value int,
  alert_flag int,
  alert_message STRING
)
STORED BY 'org.apache.hadoop.hive.hbase.HBaseStorageHandler'
WITH SERDEPROPERTIES (
  "hbase.columns.mapping" =
":key,attribute:attribute,limit:low_age_limit,limit:high_age_limit,limit:low_value,limit:high_value,al
ert:alert_flag,alert:alert_message"
)
TBLPROPERTIES (
  "hbase.table.name" = "threshold_reference_table"
);
```

```
hive> CREATE EXTERNAL TABLE threshold_reference_table (
    >    id int,
    >    attribute STRING,
    >    low_age_limit int,
    >    high_age_limit int,
    >    low_value int,
    >    high_value int,
    >    alert_flag int,
    >    alert_message STRING
    > )
    > STORED BY 'org.apache.hadoop.hive.hbase.HBaseStorageHandler'
    > WITH SERDEPROPERTIES (
    >    "hbase.columns.mapping" = ":key,attribute:attribute,limit:low_age_limit,limit:high_age_limit,limit:low_value,limit:high_value,alert:alert_flag,alert:alert_messa
ge"
    > )
    > TBLPROPERTIES (
    >    "hbase.table.name" = "threshold_reference_table"
    > );
OK
Time taken: 1.282 seconds
```

2.Run the below command to view 12 threshold records.

select * from threshold_reference_table;

```
hive> select * from threshold_reference_table;
OK
1       heartBeat       0       40      0       69      1       Low Heart Rate 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
2       heartBeat       0       40      70      78      0       normal
3       heartBeat       0       40      79      9999    1       Higher Heart Rate than normal
4       bp      0       40      0       160     1       Low 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 Heart Rate than normal
8       heartBeat       41      100     66      73      0       normal
9       heartBeat       41      100     74      9999    1       Higher Heart Rate than normal
Time taken: 1.324 seconds, Fetched: 12 row(s)
```