

Hive1 – Instant Health Alert System

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CREATE EXTERNAL TABLE IF NOT EXISTS hive_threshold_reference_table(key int,
alert_flag int, alert_message string, attribute string, high_age_limit int, high_value int,
low_age_limit int, low_value int) STORED BY
'org.apache.hadoop.hive.hbase.HBaseStorageHandler' WITH
SERDEPROPERTIES("hbase.columns.mapping" = ":key, msg:alert_flag,msg:alert_message,
attr:attribute, limit:high_age_limit, limit:high_value, limit:low_age_limit,limit:low_value")
TBLPROPERTIES("hbase.table.name" = "threshold_ref_hbase");
```

```
hadoop@ip-10-0-10-63:~
at org.apache.hadoop.util.RunJar.main(RunJar.java:153)
)
hive> CREATE EXTERNAL TABLE IF NOT EXISTS hive_threshold_reference_table(key int,ale
value int) STORED BY 'org.apache.hadoop.hive.hbase.HBaseStorageHandler' WITH SERDEPRO
limit:high_value, limit:low_age_limit,limit:low_value") TBLPROPERTIES("hbase.table.n
OK
Time taken: 0.963 seconds
hive>
> █
```

select * from hive_threshold_reference_table

```
hadoop@ip-10-0-10-63:~
[hadoop@ip-10-0-10-63 ~]$ hive
Logging initialized using configuration in file:/etc/hive/conf.dist/hive-log4j2.properties As
ync: true
hive> select * from hive_threshold_reference_table;
OK
1      1      Low Heart Rate than Normal      heartBeat      40      69      0      0
10     1      Low BP than Normal      bp      100      150      41      0
11     0      Normal      bp      100      180      41      151
12     1      Higher BP than Normal      bp      100      9999      41      181
2      0      Normal      heartBeat      40      78      0      70
3      1      Higher Heart Rate than Normal      heartBeat      40      9999      0      79
4      1      Low BP than Normal      bp      40      160      0      0
5      0      Normal      bp      40      220      0      161
6      1      Higher BP than Normal      bp      40      9999      0      221
7      1      Low Heart Rate than Normal      heartBeat      100      65      41      0
8      0      Normal      heartBeat      100      73      41      66
9      1      Higher Heart Rate than Normal      heartBeat      100      9999      41      74
Time taken: 2.612 seconds, Fetched: 12 row(s)
hive> █
```