

## STATEMENTS TO CREATE HBASE THRESHOLD TABLE

STATEMENTS TO BE EXECUTED IN HIVE CLI

```
use health_care;
```

```
create table threshold_hbase
```

```
(  
    key                int,  
    attribute          varchar(20),  
    low_age_limit      int,  
    high_age_limit     int,  
    low_value          int,  
    high_value         int,  
    alert_flag         int,  
    alert_message      varchar(255)  
)
```

```
STORED BY 'org.apache.hadoop.hive.hbase.HBaseStorageHandler'
```

```
WITH SERDEPROPERTIES
```

```
(  
  
"hbase.columns.mapping" = ":key,attr:attribute,limit:low_age_limit,limit:high_age_limit,  
limit:low_value,limit:high_value,msg:alert_flag,msg:alert_message"  
  
)
```

```
TBLPROPERTIES ("hbase.table.name" = "threshold_hive");
```

```
insert overwrite table threshold_hbase
```

```
select * from threshold_reference;
```

/\*\*\*\* TO CREATE MANUALLY USING HBASE SHELL

```
create 'threshold_reference',{NAME=>'attr',VERSIONS=>1},{NAME=>'limit',VERSIONS=>4},  
{NAME=>'msg',VERSIONS=>2}
```

```
put 'threshold_reference', 1, 'attr:attr', 'heartBeat'
```

```
put 'threshold_reference', 2, 'attr:attr', 'heartBeat'
```

```
put 'threshold_reference', 3, 'attr:attr', 'heartBeat'  
put 'threshold_reference', 4, 'attr:attr', 'bp'  
put 'threshold_reference', 5, 'attr:attr', 'bp'  
put 'threshold_reference', 6, 'attr:attr', 'bp'  
put 'threshold_reference', 7, 'attr:attr', 'heartBeat'  
put 'threshold_reference', 8, 'attr:attr', 'heartBeat'  
put 'threshold_reference', 9, 'attr:attr', 'heartBeat'  
put 'threshold_reference', 10, 'attr:attr', 'bp'  
put 'threshold_reference', 11, 'attr:attr', 'bp'  
put 'threshold_reference', 12, 'attr:attr', 'bp'
```

```
put 'threshold_reference', 1, 'limit:low_age_limit', 0  
put 'threshold_reference', 2, 'limit:low_age_limit', 0  
put 'threshold_reference', 3, 'limit:low_age_limit', 0  
put 'threshold_reference', 4, 'limit:low_age_limit', 0  
put 'threshold_reference', 5, 'limit:low_age_limit', 0  
put 'threshold_reference', 6, 'limit:low_age_limit', 0  
put 'threshold_reference', 7, 'limit:low_age_limit', 41  
put 'threshold_reference', 8, 'limit:low_age_limit', 41  
put 'threshold_reference', 9, 'limit:low_age_limit', 41  
put 'threshold_reference', 10, 'limit:low_age_limit', 41  
put 'threshold_reference', 11, 'limit:low_age_limit', 41  
put 'threshold_reference', 12, 'limit:low_age_limit', 41
```

```
put 'threshold_reference', 1, 'limit:high_age_limit', 40  
put 'threshold_reference', 2, 'limit:high_age_limit', 40  
put 'threshold_reference', 3, 'limit:high_age_limit', 40  
put 'threshold_reference', 4, 'limit:high_age_limit', 40  
put 'threshold_reference', 5, 'limit:high_age_limit', 40  
put 'threshold_reference', 6, 'limit:high_age_limit', 40  
put 'threshold_reference', 7, 'limit:high_age_limit', 100  
put 'threshold_reference', 8, 'limit:high_age_limit', 100
```

```
put 'threshold_reference', 9, 'limit:high_age_limit', 100
put 'threshold_reference', 10, 'limit:high_age_limit', 100
put 'threshold_reference', 11, 'limit:high_age_limit', 100
put 'threshold_reference', 12, 'limit:high_age_limit', 100
```

```
put 'threshold_reference', 1, 'limit:low_value', 0
put 'threshold_reference', 2, 'limit:low_value', 70
put 'threshold_reference', 3, 'limit:low_value', 79
put 'threshold_reference', 4, 'limit:low_value', 0
put 'threshold_reference', 5, 'limit:low_value', 161
put 'threshold_reference', 6, 'limit:low_value', 221
put 'threshold_reference', 7, 'limit:low_value', 0
put 'threshold_reference', 8, 'limit:low_value', 66
put 'threshold_reference', 9, 'limit:low_value', 74
put 'threshold_reference', 10, 'limit:low_value', 0
put 'threshold_reference', 11, 'limit:low_value', 151
put 'threshold_reference', 12, 'limit:low_value', 181
```

```
put 'threshold_reference', 1, 'limit:high_value', 0
put 'threshold_reference', 2, 'limit:high_value', 70
put 'threshold_reference', 3, 'limit:high_value', 79
put 'threshold_reference', 4, 'limit:high_value', 0
put 'threshold_reference', 5, 'limit:high_value', 161
put 'threshold_reference', 6, 'limit:high_value', 221
put 'threshold_reference', 7, 'limit:high_value', 0
put 'threshold_reference', 8, 'limit:high_value', 66
put 'threshold_reference', 9, 'limit:high_value', 74
put 'threshold_reference', 10, 'limit:high_value', 0
put 'threshold_reference', 11, 'limit:high_value', 151
put 'threshold_reference', 12, 'limit:high_value', 181
```

```
put 'threshold_reference', 1, 'limit:high_value', 69
put 'threshold_reference', 2, 'limit:high_value', 78
put 'threshold_reference', 3, 'limit:high_value', 9999
put 'threshold_reference', 4, 'limit:high_value', 160
put 'threshold_reference', 5, 'limit:high_value', 220
put 'threshold_reference', 6, 'limit:high_value', 9999
put 'threshold_reference', 7, 'limit:high_value', 65
put 'threshold_reference', 8, 'limit:high_value', 73
```

```
put 'threshold_reference', 9, 'limit:high_value', 9999
put 'threshold_reference', 10, 'limit:high_value', 150
put 'threshold_reference', 11, 'limit:high_value', 180
put 'threshold_reference', 12, 'limit:high_value', 9999
```

```
put 'threshold_reference', 1, 'msg:alert_flag', 1
put 'threshold_reference', 2, 'msg:alert_flag', 0
put 'threshold_reference', 3, 'msg:alert_flag', 1
put 'threshold_reference', 4, 'msg:alert_flag', 1
put 'threshold_reference', 5, 'msg:alert_flag', 0
put 'threshold_reference', 6, 'msg:alert_flag', 1
put 'threshold_reference', 7, 'msg:alert_flag', 1
put 'threshold_reference', 8, 'msg:alert_flag', 0
put 'threshold_reference', 9, 'msg:alert_flag', 1
put 'threshold_reference', 10, 'msg:alert_flag', 1
put 'threshold_reference', 11, 'msg:alert_flag', 0
put 'threshold_reference', 12, 'msg:alert_flag', 1
```

```
put 'threshold_reference', 1, 'msg:alert_message', 'Low Heart Rate than Normal'
put 'threshold_reference', 2, 'msg:alert_message', 'Normal'
put 'threshold_reference', 3, 'msg:alert_message', 'Higher Heart Rate than Normal'
put 'threshold_reference', 4, 'msg:alert_message', 'Low BP than Normal'
put 'threshold_reference', 5, 'msg:alert_message', 'Normal'
put 'threshold_reference', 6, 'msg:alert_message', 'Higher BP than Normal'
put 'threshold_reference', 7, 'msg:alert_message', 'Low Heart Rate than Normal'
```

```
put 'threshold_reference', 8, 'msg:alert_message', 'Normal'  
put 'threshold_reference', 9, 'msg:alert_message', 'Higher Heart Rate than Normal'  
put 'threshold_reference', 10, 'msg:alert_message', 'Low BP than Normal'  
put 'threshold_reference', 11, 'msg:alert_message', 'Normal'  
put 'threshold_reference', 12, 'msg:alert_message', 'Higher BP than Normal'
```

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