

Creating Lookup Table

Command to create the Lookup Table

```
CREATE TABLE LOOKUP_DATA_HBASE(`CARD_ID` STRING, `UCL` DOUBLE,  
`SCORE` INT, `POSTCODE` STRING, `TRANSACTION_DT` TIMESTAMP) STORED  
BY 'org.apache.hadoop.hive.hbase.HBaseStorageHandler' WITH SERDEPROPERTIES  
("hbase.columns.mapping" = ":key, lookup_card_family:ucl, lookup_card_family:score,  
lookup_transaction_family:postcode, lookup_transaction_family:transaction_dt")  
TBLPROPERTIES ("hbase.table.name" = "lookup_data_hive");
```

Command to see the table created

```
DESCRIBE TABLE LOOKUP_DATA_HBASE;
```

Screenshot of the created table

```
hive> CREATE TABLE LOOKUP_DATA_HBASE(`CARD_ID` STRING, `UCL` DOUBLE, `SCORE` INT, `POSTCODE` STRING, `TRANSACTION_  
DT` TIMESTAMP)  
  > STORED BY 'org.apache.hadoop.hive.hbase.HBaseStorageHandler'  
  > WITH SERDEPROPERTIES ("hbase.columns.mapping" = ":key, lookup_card_family:ucl, lookup_card_family:score, look  
up_transaction_family:postcode, lookup_transaction_family:transaction_dt")  
  > TBLPROPERTIES ("hbase.table.name" = "lookup_data_hive");  
OK  
Time taken: 2.308 seconds  
hive> DESCRIBE lookup_data_Hbase;  
OK  
card_id          string  
ucl              double  
score             int  
postcode         string  
transaction_dt   timestamp  
Time taken: 0.036 seconds, Fetched: 5 row(s)  
hive> ■
```

Console Screenshot 1 : Command to see the table created