

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 'lookup_data_hive'
```

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 S
ERDEPROPERTIES ('hbase.columns.mapping'=:key, lookup_card_family:ucl, lookup_card_family:score, lookup_transaction_family:postcode, lookup_transaction_family:transaction_dt") TBLPROPER
TIES ("hbase.table.name" = "lookup_data_hive");
OK
Time taken: 2.028 seconds
```

```
hbase:001:0> describe 'lookup_data_hive'
Table lookup_data_hive is ENABLED
lookup_data_hive
COLUMN FAMILIES DESCRIPTION
(NAME => 'lookup_card_family', BLOOMFILTER => 'ROW', IN_MEMORY => 'false', VERSIONS => '1', KEEP_DELETED_CELLS => 'FALSE', DATA_BLOCK_ENCODING => 'NONE', COMPRESSION => 'NONE', TTL => '
FOREVER', MIN_VERSIONS => '0', BLOCKCACHE => 'true', BLOCKSIZE => '65536', REPLICATION_SCOPE => '0')
(NAME => 'lookup_transaction_family', BLOOMFILTER => 'ROW', IN_MEMORY => 'false', VERSIONS => '1', KEEP_DELETED_CELLS => 'FALSE', DATA_BLOCK_ENCODING => 'NONE', COMPRESSION => 'NONE', T
TL => 'FOREVER', MIN_VERSIONS => '0', BLOCKCACHE => 'true', BLOCKSIZE => '65536', REPLICATION_SCOPE => '0')
2 row(s)
Quota is disabled
Took 0.5475 seconds
hbase:002:0>
```