

Creating Lookup Table

Command to create the Lookup Table

Create “lookup_data_hbase” table (hive-hbase integrated table) which will be visible in HBase (lookup_data_hive).

----- Hive Operations: Starts Here-----

```
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");
```

----- Hive Operations: Ends Here-----

<Command to see the table created>

To check the table attributes

Execute command in Hbase shell : describe 'lookup_data_hive'

Screenshot of the created table

1. Create “Lookup_data_hbase” 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,
> lookup_transaction_family:postcode, lookup_transaction_family:transaction_dt") TBLPROPERTIES
> ("hbase.table.name" = "lookup_data_hive");
OK
Time taken: 3.717 seconds
hive>
```

2. Describe “lookup_data_hive”

```
hbase(main):001:0> describe 'lookup_data_hive'
Table lookup_data_hive is ENABLED
lookup_data_hive
COLUMN FAMILIES DESCRIPTION
(NAME => 'lookup_card_family', BLOOMFILTER => 'ROW', VERSIONS => '1', IN_MEMORY => 'false', KEEP_DELETED_CELLS => 'FALSE', DATA_BLOCK_ENCODING => 'NONE', TTL
=> 'FOREVER', COMPRESSION => 'NONE', MIN_VERSIONS => '0', BLOCKCACHE => 'true', BLOCKSIZE => '65536', REPLICATION_SCOPE => '0')
(NAME => 'lookup_transaction_family', BLOOMFILTER => 'ROW', VERSIONS => '1', IN_MEMORY => 'false', KEEP_DELETED_CELLS => 'FALSE', DATA_BLOCK_ENCODING => 'NON
E', TTL => 'FOREVER', COMPRESSION => 'NONE', MIN_VERSIONS => '0', BLOCKCACHE => 'true', BLOCKSIZE => '65536', REPLICATION_SCOPE => '0')
2 row(s) in 0.3360 seconds
hbase(main):002:0>
```