

## 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

```
Time taken: 0.192 seconds, Fetched: 10 row(s)
hive> CREATE TABLE LOOKUP_DATA_HBASE(`CARD_ID` STRING,`UCL` DOUBLE, `SCORE` INT, `POSTCODE` STRI
NG, `TRANSACTION_DT` TIMESTAMP)
> STORED BY 'org.apache.hadoop.hive.hbase.HBaseStorageHandler'
> WITH SERDEPROPERTIES ("hbase.columns.mapping"=":key, lookup_card_family:ucl, lookup_card_f
amily:score, lookup_transaction_family:postcode, lookup_transaction_family:transaction_dt")
> TBLPROPERTIES ("hbase.table.name" = "lookup_data_hive");
OK
Time taken: 2.363 seconds
hive>
```

Console Screenshot 1 : Command to see the table created.

```
hive> DESCRIBE lookup_data_hbase;
OK
card_id          string
ucl              double
score            int
postcode         string
transaction_dt   timestamp
Time taken: 0.371 seconds, Fetched: 5 row(s)
hive>
```

Console Screenshot 2: Checking the data