

Creating Lookup Table

1. Command to create the Lookup Table

```
import happybase
import uuid

connection=happybase.Connection('localhost')

connection.open()
print('Connected to ', connection.host)

try:
    connection.create_table('lookup',
        {
            'card_info': dict(),
            'transaction_info':dict()
        })
    print('table created : lookup')

except Exception as e :
    print(e)
    connection.close()
    print('connection closed')

# close connection to the HBase
connection.close()
print('connection closed')
```

2. Command to see the table created

List

3. Screenshot of the created table

```
[hbase(main):001:0> list
TABLE
card_transactions
lookup
2 row(s) in 0.2210 seconds

=> ["card_transactions", "lookup"]
```

4. Scan the lookup table
 - a. Scan 'lookup'

```
hbase(main):002:0> scan 'lookup'
ROW COLUMN+CELL
340028465709212 column=transaction_info:Upper_control_limit, timestamp=1673878745054, value=16331555
340028465709212 column=transaction_info:credit_score, timestamp=1673878745054, value=233
340028465709212 column=transaction_info:last_Postcode, timestamp=1673878745054, value=24658
340028465709212 column=transaction_info:last_Transaction_dt, timestamp=1673878745054, value=2018-01-02 03:25:35
340054675199675 column=transaction_info:Upper_control_limit, timestamp=1673878746706, value=14156079
340054675199675 column=transaction_info:credit_score, timestamp=1673878746706, value=631
340054675199675 column=transaction_info:last_Postcode, timestamp=1673878746706, value=50140
340054675199675 column=transaction_info:last_Transaction_dt, timestamp=1673878746706, value=2018-01-15 19:43:23
340082915339645 column=transaction_info:Upper_control_limit, timestamp=1673878746706, value=15285685
340082915339645 column=transaction_info:credit_score, timestamp=1673878746706, value=407
340082915339645 column=transaction_info:last_Postcode, timestamp=1673878746706, value=17844
340082915339645 column=transaction_info:last_Transaction_dt, timestamp=1673878746706, value=2018-01-26 19:03:47
340134186926007 column=transaction_info:Upper_control_limit, timestamp=1673878746706, value=15239767
340134186926007 column=transaction_info:credit_score, timestamp=1673878746706, value=614
340134186926007 column=transaction_info:last_Postcode, timestamp=1673878746706, value=67576
340134186926007 column=transaction_info:last_Transaction_dt, timestamp=1673878746706, value=2018-01-18 23:12:50
340265728490548 column=transaction_info:Upper_control_limit, timestamp=1673878746706, value=16084916
340265728490548 column=transaction_info:credit_score, timestamp=1673878746706, value=202
340265728490548 column=transaction_info:last_Postcode, timestamp=1673878746706, value=72435
340265728490548 column=transaction_info:last_Transaction_dt, timestamp=1673878746706, value=2018-01-21 02:07:35
```