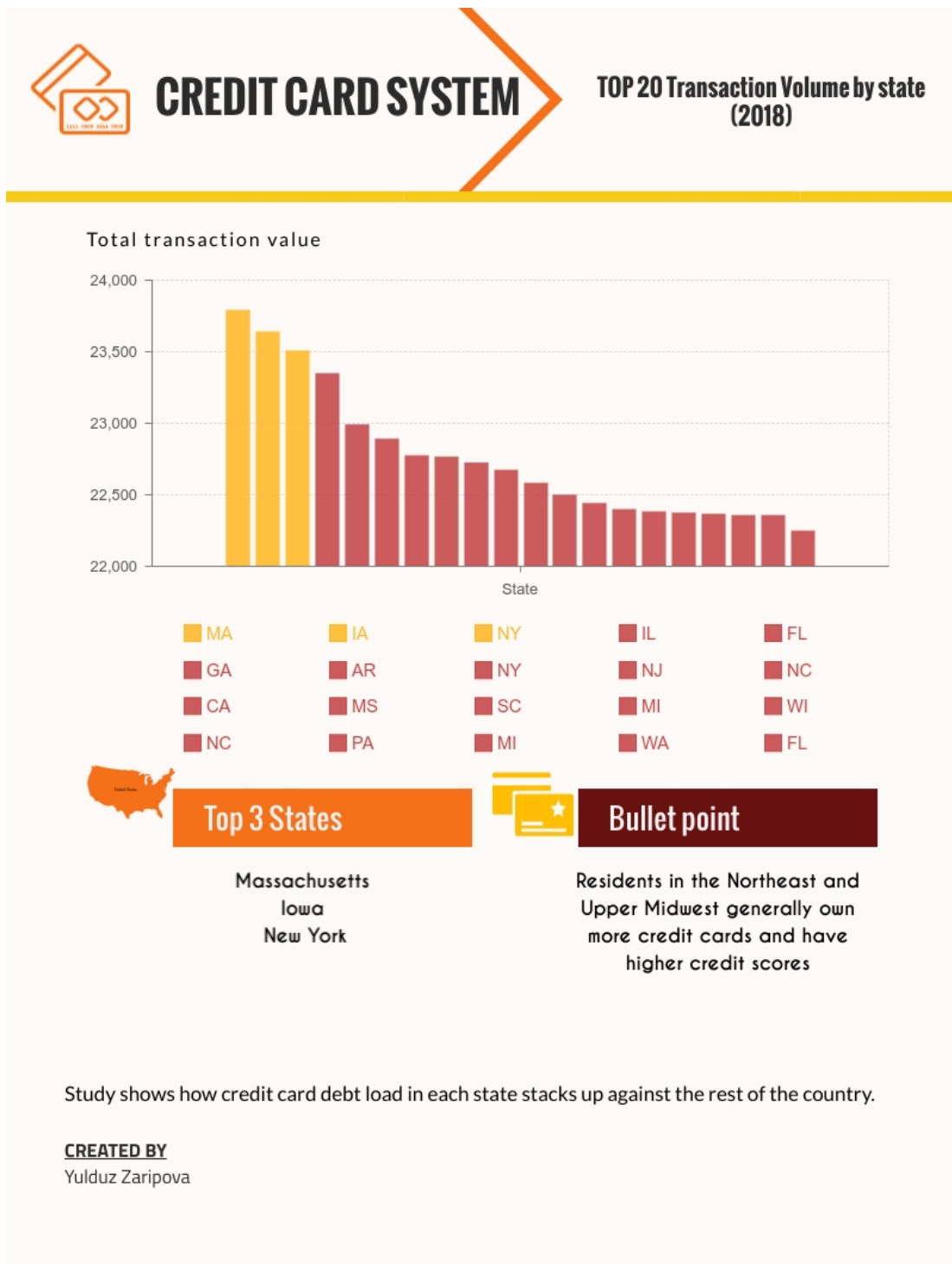


# DATA EXPLORATION AND VISUALIZATION

1. Find the top 20 zip codes(hint: branch\_zip) by total transaction value.

use cdw\_sapp\_d;

```
SELECT SUM(cc.transaction_value) as tv, LPAD(b.branch_zip,5,'0') FROM cdw_sapp_d_branch b JOIN  
cdw_sapp_d_creditcard cc ON b.branch_code=cc.branch_code GROUP BY b.branch_zip ORDER BY tv DESC  
LIMIT 20;
```



## 2. Find total transaction value for each transaction type by Quarter in 2018.

use cdw\_sapp\_d;

```
SELECT ROUND(SUM(transaction_value)), transaction_type, quarter FROM
cdw_sapp_d_creditcard cc JOIN (SELECT distinct * FROM cdw_sapp_d_time) as tt ON
cc.timeid=tt.timeid GROUP BY transaction_type, quarter;
```

