

## SQL CUSTOMER ACCOUNTS

```
mysql> select a.C_ID, a.City, a.State, c.creditcard_status from customer a, transaction b, credit_card c, account d
-> where (d.act_type = 'SAV' OR d.act_type = 'CHK') and (a.city= 'Jersey City')
-> and (creditcard_status = 'INPROCESS')
-> GROUP BY ACT_TYPE;
```

C_ID	City	State	creditcard_status
C002	JERSEY CITY	NJ	INPROCESS
C002	JERSEY CITY	NJ	INPROCESS

2 rows in set (0.02 sec)

```
mysql> select a.C_ID, A.CITY, A.STATE, b.type_of_transaction, c.creditcard_status from Customer a, Credit_Card c, transaction b
-> where (b.month = '1')
-> group by type_of_transaction;
```

C_ID	CITY	STATE	type_of_transaction	creditcard_status
C001	EDWARDS	NJ	W	YES
C001	EDWARDS	NJ	D	YES

```
mysql> select a.C_ID, a.City, a.State, b.Month from customer a, transaction b, credit_card c
-> where (type_of_transaction = 'C_to_S') and (a.C_ID=b.C_ID)
-> group by month;
```

C_ID	City	State	Month
C018	JERSEY CITY	NJ	3
C007	RIDGECREST	CA	2

2 rows in set (0.00 sec)

```
mysql> select a.C_ID, d.balance,
-> (case when b.type_of_transaction = 'W' then amount_1 else 0 end) as total_withdrawal,
-> (case when b.type_of_transaction = 'D' then amount_1 else 0 end) as total_Deposit
-> from customer a, transaction b, account d
-> where (b.c_id = d.c_id) and (a.c_id = B.C_ID)
-> group by b.C_ID;
```

C_ID	balance	total_withdrawal	total_Deposit
C001	300	100	0
C002	90000	0	500
C003	70000	0	100
C004	35000	0	200
C005	6000	0	500
C006	4000	0	0
C007	8000	0	0
C008	2700	200	0
C010	6000	0	200
C011	9000	0	400
C012	76000	200	0
C013	8700	300	0
C014	500	400	0
C015	4500	0	5000
C016	1000	0	1000
C017	1500	600	0
C018	1300	0	0

17 rows in set (0.00 sec)