

- ▼ s401
  - ▼ Tables
    - companies
  - Views
  - Stored Procedures
  - Functions
- ▶ sakila
- ▶ sys
- ▶ transactions
- ▶ world

Information .....

### Object Info





▼  s401

- ▶  companies
- ▶  credit cards


users

Functions

- sys
- transactions

Administration Schemas

**Columns:**

|             |             |
|-------------|-------------|
| card_id     | varchar(50) |
| business_id | varchar(50) |

|          |             |
|----------|-------------|
| amount   | varchar(50) |
| declared | varchar(50) |

```

user_id      varchar(50)

```

longitude varchar(50)

Object Info

 

| #  | Time     | Action   | Message   | Duration / Fetch      |
|----|----------|--|---|-----------------------|
| 55 | 13:19:19 | SELECT user_id, transaction_count FROM ( select user_id, COUNT(*) AS transaction_count FROM transactions       | 4 row(s) returned   | 0.000 sec / 0.000 sec |
| 56 | 13:19:24 | SELECT lban, Avg(amount) AS AVG_AMOUNT FROM credit_cards JOIN transactions ON credit_cards.id = transaction... | 1 row(s) returned   | 0.000 sec / 0.000 sec |
| 57 | 13:28:25 | LOAD DATA INFILE "companies.csv" INTO TABLE companies FIELDS TERMINATED BY ',' #esto indica que estas s...     | Error Code: 1062 Duplicate entry 'b-2222' for key 'companies.PRIMARY' | 0.000 sec             |







▼  5401

▼  Tables

credit\_cards

users

Views

## Functions

- sys
- transactions

Information...

### Columns:

card\_id

timestamp  
amount

product\_id

longitude

Object Info



```

106 FROM (
107     select user_id, COUNT(*) AS transaction_count
108     FROM transactions
109     GROUP BY user_id
110 ) AS user_transactions
111 WHERE transaction_count > 30;
112
113 #EJ2 Mostra la mitjana d'amount per IBAN de les targetes de crèdit a la companyia Donec Ltd, utilitza almenys 2 taules.
114
115 • SELECT Iban, Avg(amount) AS AVG_AMOUNT
116 FROM credit_cards
117 JOIN transactions ON credit_cards.id = transactions.card_id
118 JOIN companies ON transactions.business_id = companies.company_id
119 WHERE companies.company_name = 'Donec Ltd'
120 GROUP BY credit_cards.Iban;
121
122 #NIVEL 2
123 #EJ 1 Quantes targetes estan actives?
124

```

Administration Schemas

Information .....

Result Grid   Filter Rows:  Export:  Wrap Cell Content: 

|   | Iban                      | AVG_AMOUNT |
|---|---------------------------|------------|
| ▶ | PT87806228135092429456346 | 203.715    |

Result 14 

### Output

#### Action Output

| #  | Time     | Action  | Message             | Duration / Fetch      |
|----|----------|---|---------------------|-----------------------|
| 58 | 13:28:36 | select * from companies LIMIT 0, 200  | 100 row(s) returned | 0.000 sec / 0.000 sec |
| 59 | 13:28:59 | SELECT user_id, transaction_count FROM ( select user_id, COUNT(*) AS transaction_count FROM transactions GROUP BY user_id ) | 4 row(s) returned   | 0.000 sec / 0.000 sec |
| 60 | 13:29:04 | SELECT iban, Avg(amount) AS AVG_AMOUNT FROM credit_cards JOIN transactions ON credit_cards.id = transaction_id              | 1 row(s) returned   | 0.000 sec / 0.000 sec |

Object Info Session

\_\_\_\_\_









▼  s401

con

- ▶ transactions

Views

▶ sakila

▶ transactions

credit\_

credit\_card\_id    va

card\_status

\_\_\_\_\_

100

busqueda

```

133
134 • UPDATE credit_cards_status
135 JOIN (
136     SELECT
137         credit_card_id,
138         CASE
139             WHEN RANK() OVER (PARTITION BY card_id ORDER BY timestamp) >= 3 AND SUM(declined) OVER (PARTITION BY card_id) = 3 THEN 'inactive'
140             ELSE 'active'
141         END AS new_card_status # el case te crea una columna nueva, y este es el nombre que se le pone
142     FROM transactions
143     JOIN credit_cards ON credit_cards.id = transactions.card_id
144     JOIN credit_cards_status ON credit_cards.id = credit_cards_status.credit_card_id
145     GROUP BY card_id, timestamp, declined
146     ORDER BY card_id, timestamp DESC
147 ) AS temp ON credit_cards_status.credit_card_id = temp.credit_card_id
148 SET credit_cards_status.card_status = temp.new_card_status;
149
150 • Select count(credit_card_id) from credit_cards_status
151 where card_status = 'active';
152
153 • Select count(credit_card_id) from credit_cards_status
154 where card_status = 'inactive';
155
156 #NIVEL 3
157
158 #EJ1 Necessitem conèixer el nombre de vegades que s'ha venut cada producte.
159
160 • CREATE TABLE IF NOT EXISTS products(
161     id VARCHAR(50) PRIMARY KEY,

```

### Output

#### Action Output

| #  | Time     | Action   | Message  | Duration / Fetch |
|----|----------|--|--|------------------|
| 9  | 13:30:49 | PREPARE stmt FROM 'INSERT INTO `s401`.`credit_cards_status` (`credit_card_id`,`iban`) VALUES(?,?)' | OK   | 0.000 sec        |
| 10 | 13:30:51 | DEALLOCATE PREPARE stmt  | OK   | 0.000 sec        |
| 11 | 13:33:43 | UPDATE credit_cards_status JOIN ( SELECT credit_card_id, CASE WHEN RANK() OVER (PARTITIO...        | 275 row(s) affected Rows matched: 275 Changed: 275 Warnings: 0 | 0.063 sec        |

