```sql
#NIVEL 2
#EJ 1

CREATE TABLE credit_cards_status (
    credit_card_id VARCHAR(40),
    iban VARCHAR(40),
    card_status ENUM('active', 'inactive'),
    FOREIGN KEY(credit_card_id) REFERENCES credit_cards (id)
    );

#we use the data import wizard to add card id and iban data

UPDATE credit_cards_status
JOIN (
    SELECT
        credit_card_id,
        CASE
            WHEN RANK() OVER (PARTITION BY card_id ORDER BY timestamp) >= 3 AND SUM(declined)
            ELSE 'active'
        END AS new_card_status
    FROM transactions
    JOIN credit_cards ON credit_cards.id = transactions.card_id
    JOIN credit_cards_status ON credit_cards.id = credit_cards_status.credit_card_id
    GROUP BY card_id, timestamp, declined
    ORDER BY card_id, timestamp DESC
) AS temp ON credit_cards_status.credit_card_id = temp.credit_card_id
SET credit_cards_status.card_status = temp.new_card_status;

Select DIStInCT count(credit_card_id) from credit_cards_status
where card_status = 'active';

#NIVEL 3

#EJ1

CREATE TABLE IF NOT EXISTS products(
```

sult Grid | Filter Rows: | Export: | Wrap Cell Content:

count(credit_card_id)
275

Result Grid

ult 21 ×

Read Onl