

Shopping database project

List of tables:

1. Customer

- a. ID
- b. EMAIL
- c. NAME
- d. SURNAME
- e. BIRTHD_DATE
- f. PHONE_NUMBER

2. Producer

- a. ID
- b. PRODUCER_NAME
- c. BUSINES_IDENTIFIER
- d. COUNTRY
- e. CITY
- f. STREET
- g. POSTAL_CODE

3. Product

- a. ID
- b. PRODUCT_INTERNAL_CODE
- c. EAN_CODE
- d. PRODUCT_PRICE
- e. ADULTS_ONLY
- f. DESCRIPTION

g. PRODUCER_ID

4. Purchase

a. ID

b. CUSTOMER_ID

c. PRODUCT_ID

d. QUANTITY

e. DATE_TIME

5. Opinion

a. ID

b. CUSTOMER_ID

c. PRODUCT_ID

d. STARS

e. COMMENT

f. DATE_TIME

Excercise:

1. Create presented database and provide mock data (for instance by website" mockaroo.com)
2. Delete every opinion that's under and equal to 3 stars.
3. Show distinct product ean code for products that were bought in last year (2022)
4. Show most bought 5 products - show ean code and quantity of transaction where appears those product's
5. Show all client's that bought products intended for adults
6. Show at what age are person that bought most often products for adults
7. Input 20% discount for all products form XXX company
8. Search person that at least one give 1 star opinion

9. Search company that their products are most selling in our shop
10. Show second most expensive product (we can use OFFSET)
11. Show list of 10 most reviewed products
12. Advanced - Count earnings for every single month in our company. We can use DATE_TRUNC('month', date_time);