amazon.info()

✓ 0.0s

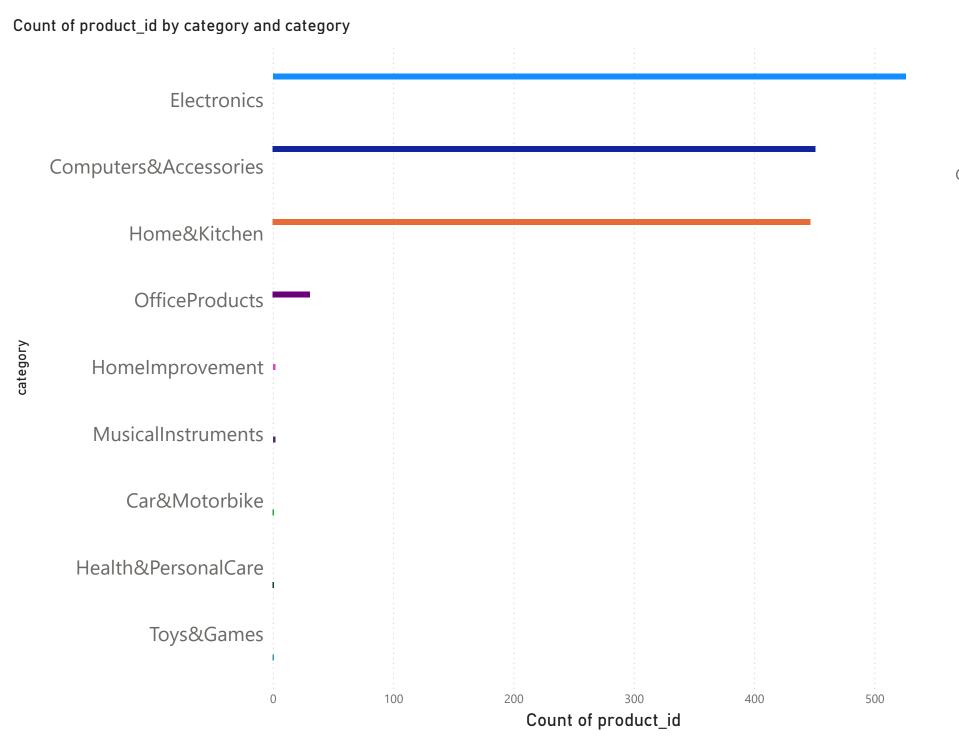
```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 1462 entries, 0 to 1461
Data columns (total 15 columns):
```

Data columns (total 15 columns):		
Column	Non-Null Count	Dtype
Unnamed: 0	1462 non-null	int64
product_id	1462 non-null	object
product_name	1462 non-null	object
category	1462 non-null	object
discounted_price	1462 non-null	float64
actual_price	1462 non-null	float64
discount_percentage	1462 non-null	float64
rating	1462 non-null	float64
rating_count	1462 non-null	int64
user_id	1462 non-null	object
review_id	1462 non-null	object
review_title	1462 non-null	object
review_content_WC	1462 non-null	int64
title_sentiment	1462 non-null	object
main_sentiment	1462 non-null	object
dtypes: float64(4), int64(3), object(8)		
memory usage: 171.5+ KB		
	Column Unnamed: 0 product_id product_name category discounted_price actual_price discount_percentage rating rating_count user_id review_id review_title review_title review_content_WC title_sentiment main_sentiment es: float64(4), int64	Column Onn-Null Count Onnamed: 0 product_id product_id product_name category discounted_price actual_price discount_percentage rating rating rating rating rating count review_id review_title review_content_WC title_sentiment actual_price 1462 non-null 1462 non-null

••

	Count of unique values
Unnamed: 0	1462
product_id	1348
product_name	1334
category	9
discounted_price	550
actual_price	449
discount_percentage	92
rating	25
rating_count	1142
user_id	1191
review_id	1191
review_title	1191
review_content_WC	440
title_sentiment	2
main_sentiment	2

Analiza kategorii produktów

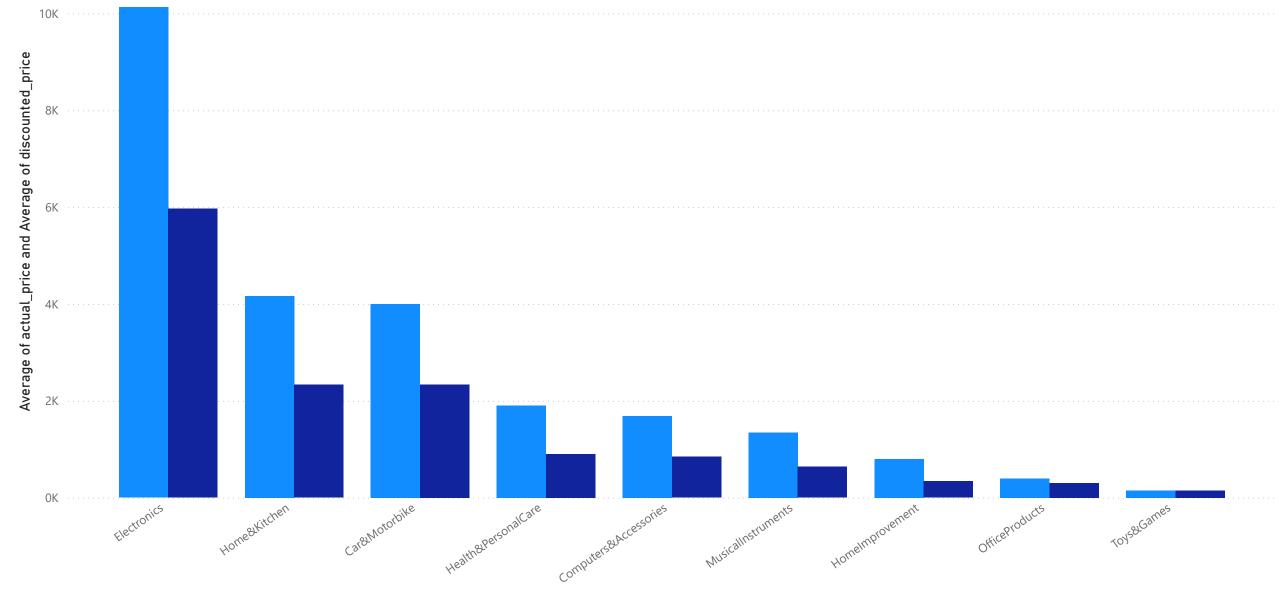


162,44

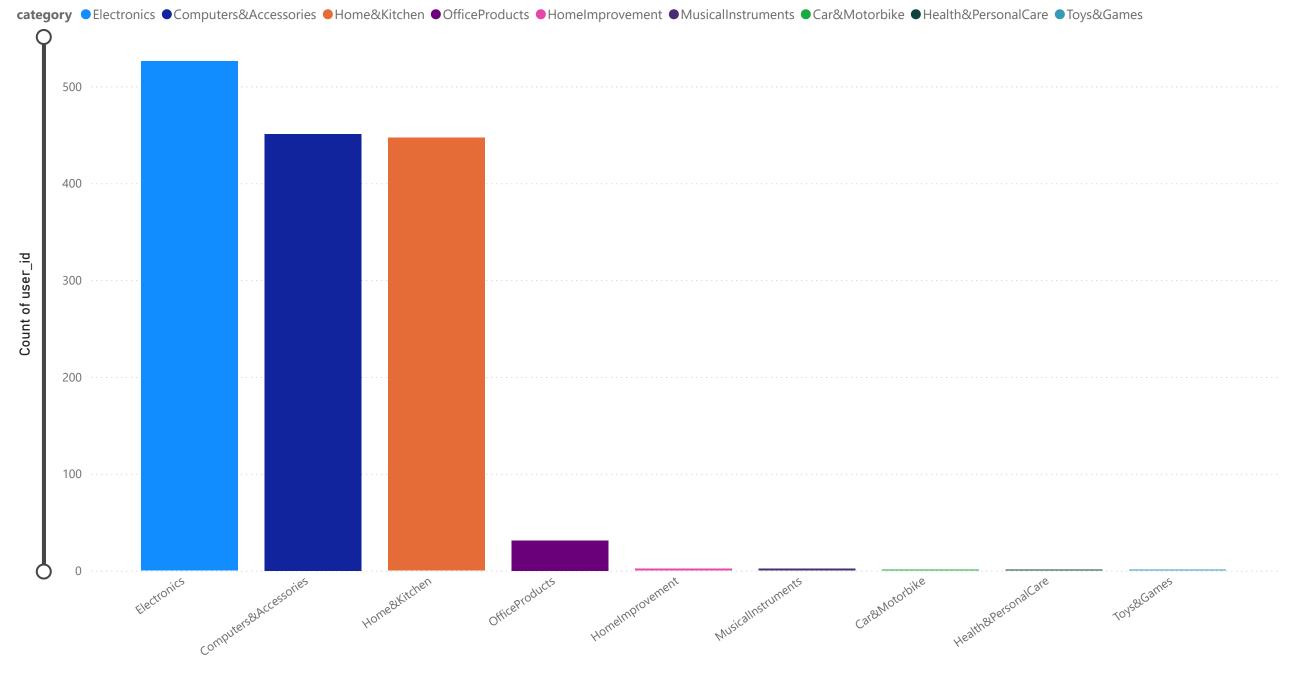
Count of product_id average per category

Average of actual_price and Average of discounted_price by category

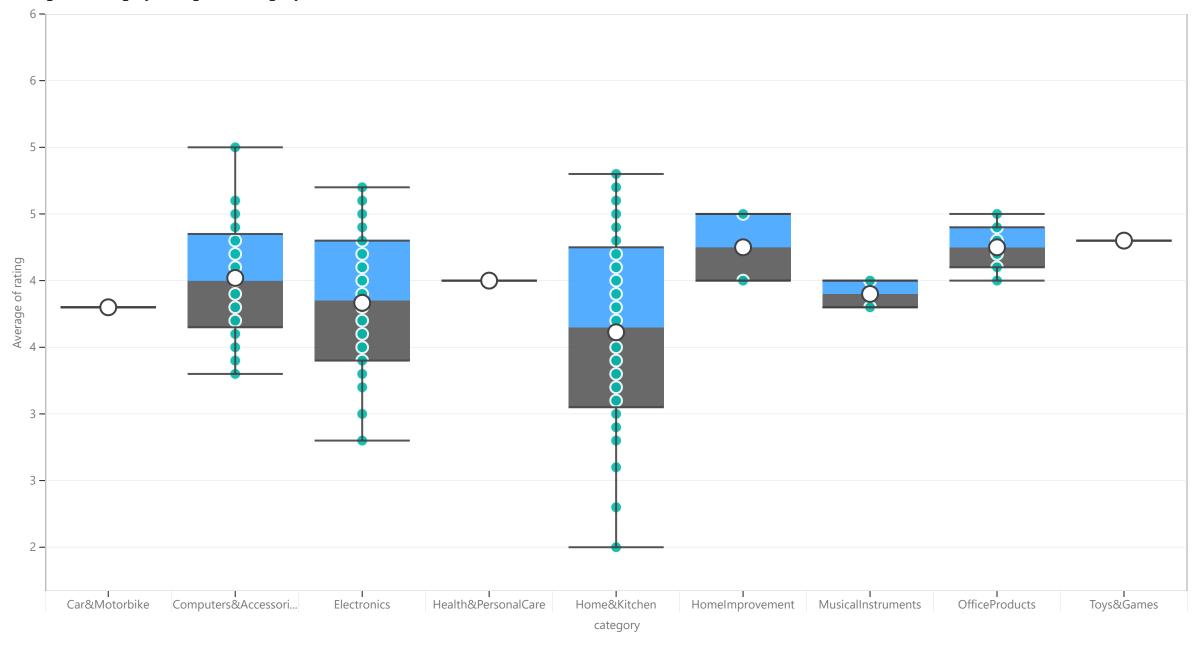
Average of actual_priceAverage of discounted_price



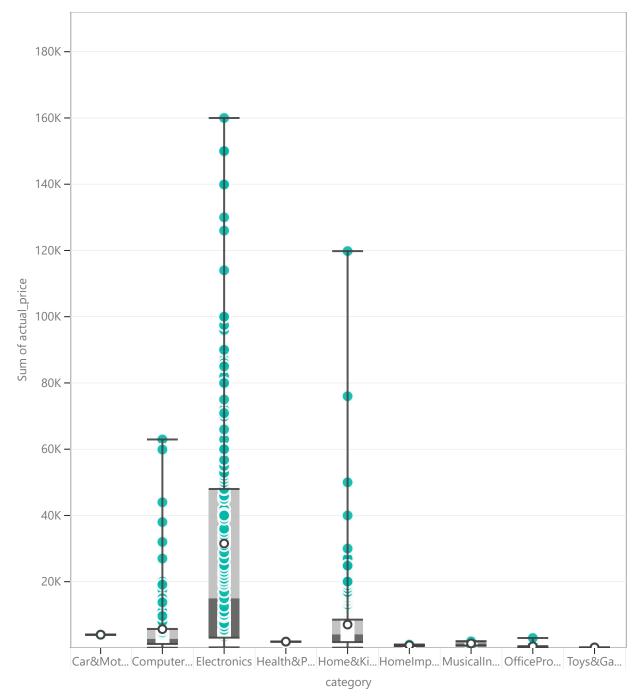
Count of user_id by category and category



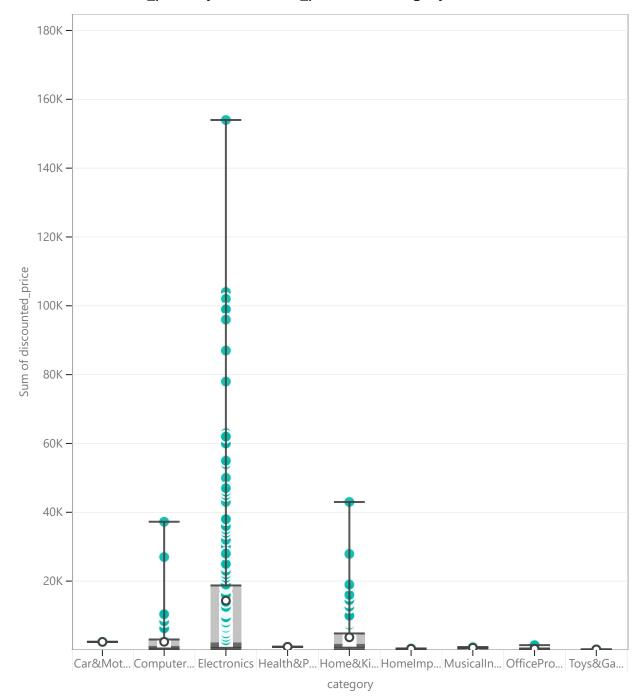
Average of rating by rating and category



Sum of actual_price by actual_price and category



Sum of discounted_price by discounted_price and category



Analiza cen

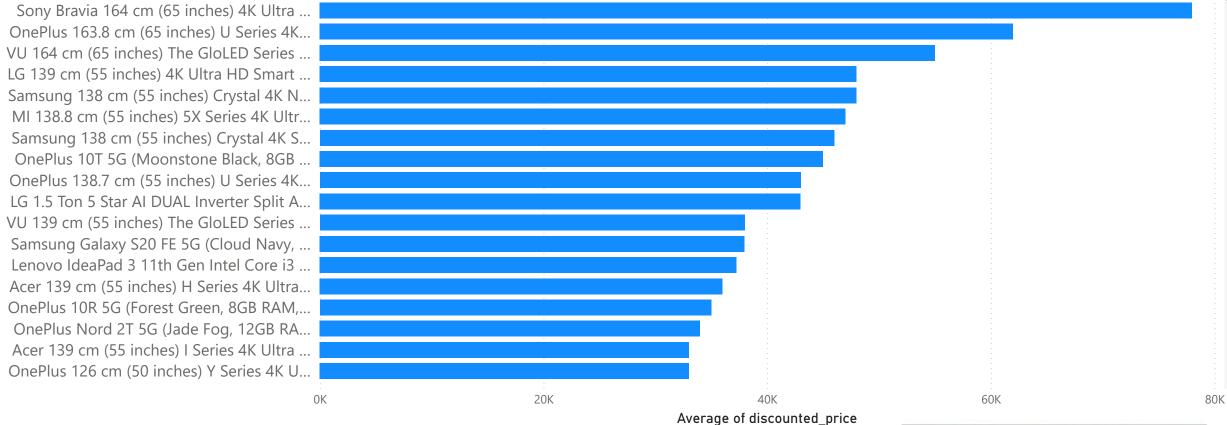
actual_price	discounted_price
39,00	39,00
50,00	50,00
59,00	59,00
75,00	67,00
79,00	79,00
89,00	89,00
99,00	89,00
99,00	99,00
100,00	90,00
100,00	100,00
120,00	114,00
120,00	120,00
149,00	149,00
150,00	150,00
160,00	137,00
160,00	157,00
165,00	130,00
165,00	165,00
171,00	99,00
175,00	90,00
180,00	125,00
180,00	149,00
180,00	159,00
199,00	57,89
199,00	59,00
199,00	85,00
199,00	177,00
200,00	116,00
210,00	178,00
220,00	190,00
225,00	191,00
225,00	225,00
220.00	200.00

4,58MSum of discounted_price

7,97M
Sum of actual_price

Cena po obniżce jest o 42.75% mniejsza niż cena przed obniżką.

Average of discounted_price by product_name



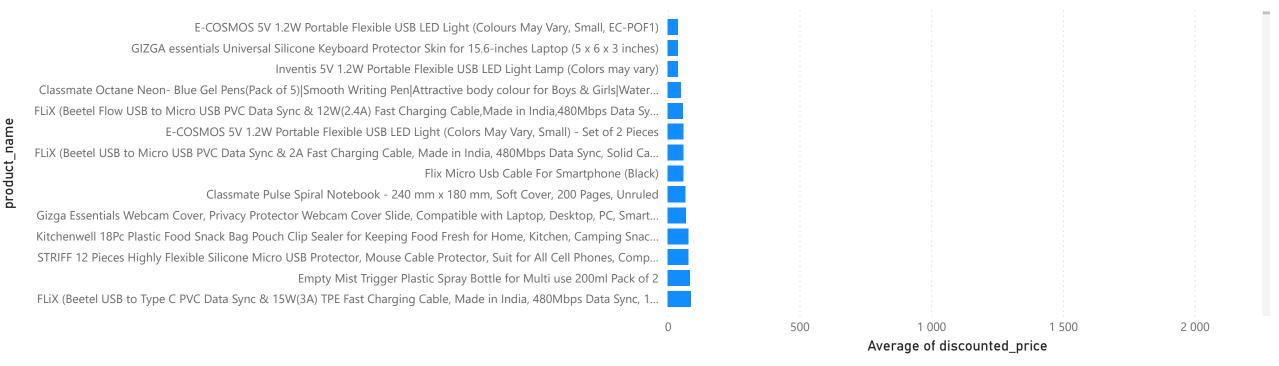
Sony Bravia 164 cm (65 inches) 4K Ultra HD Smart LED Google TV KD-65X74K (Black)

77,99K

Max of discounted_price



Average of discounted_price by product_name

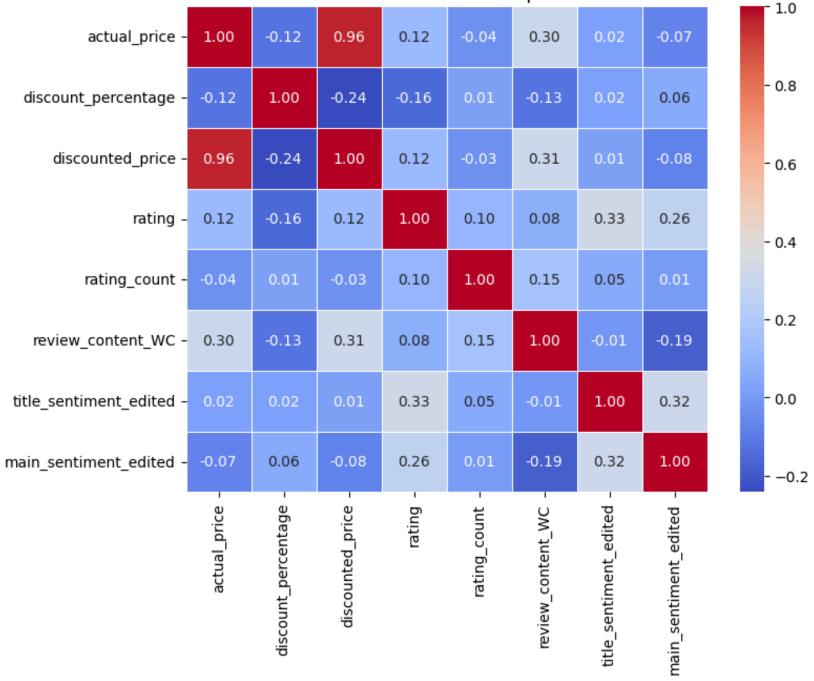


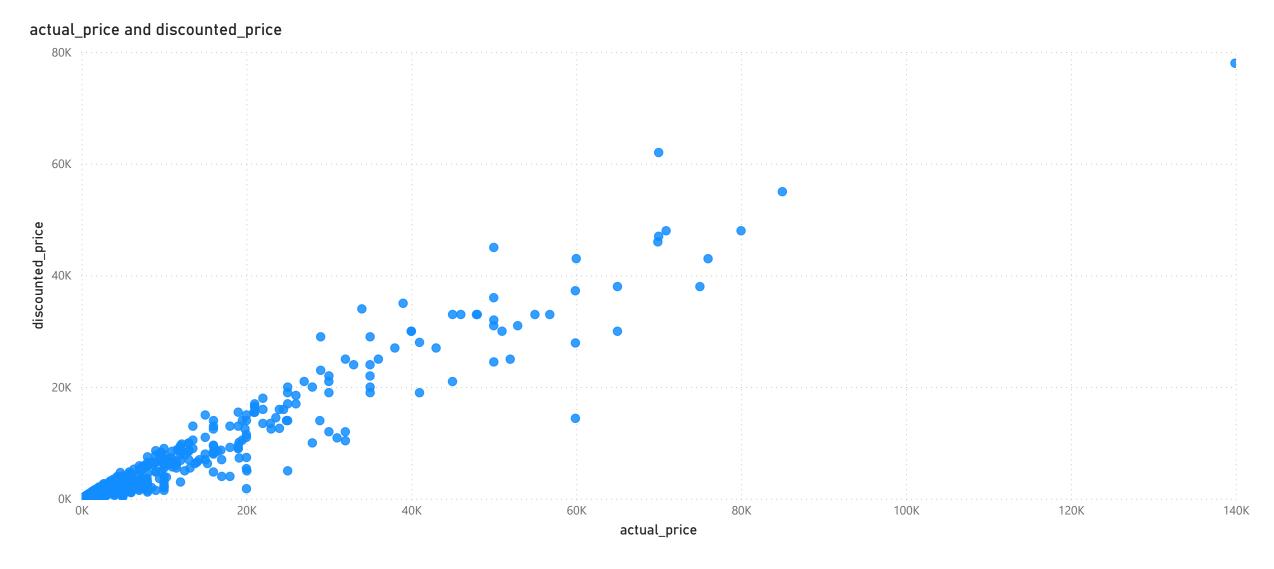
39,00
Min of discounted_price

E-COSMOS 5V 1.2W Portable Flexible USB LED Light (Colours May Vary, Small, EC-POF1



Correlation Heatmap

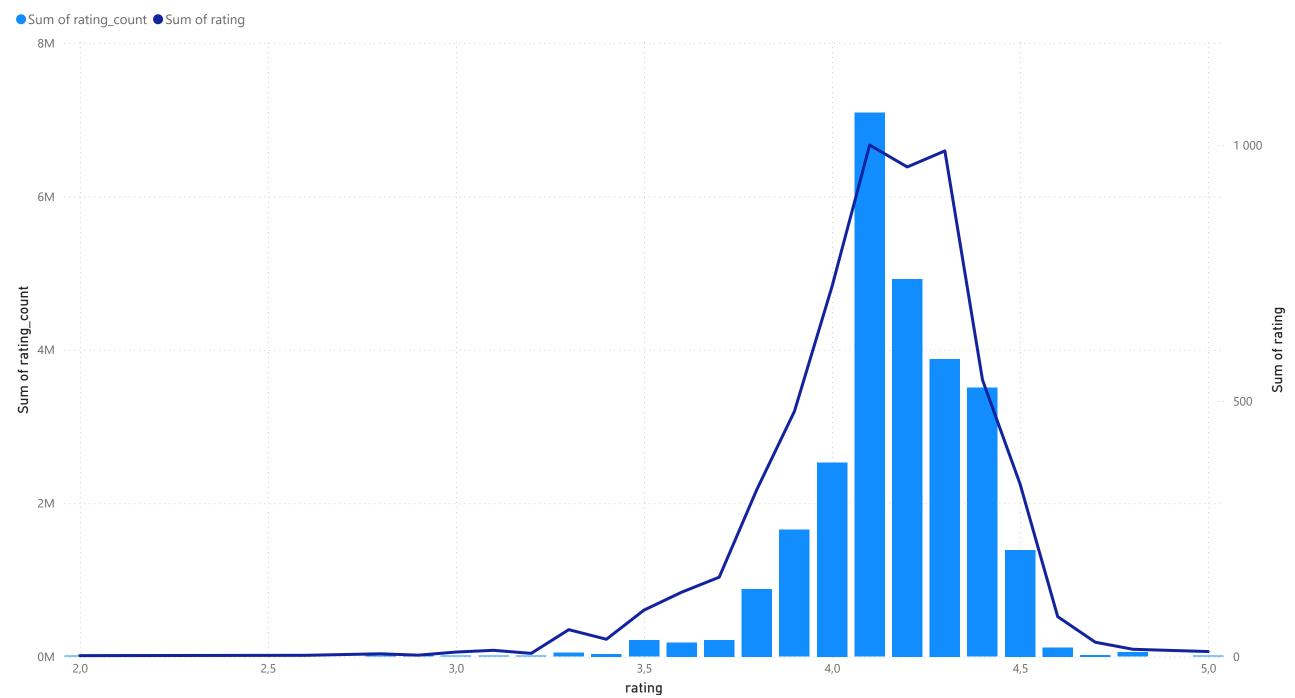


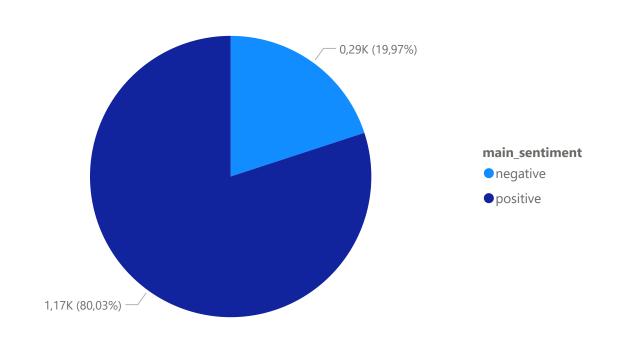


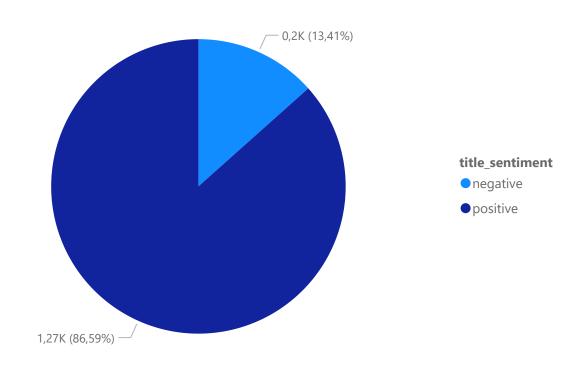
W zbiorze danych prawie nie ma korelacji między cechami. Tylko rzeczywiste ceny produktów i ceny po rabacie mają dodatnią korelację.

Analiza opinii użytkowników

Sum of rating_count and Sum of rating by rating







Count of review_id

1,191K

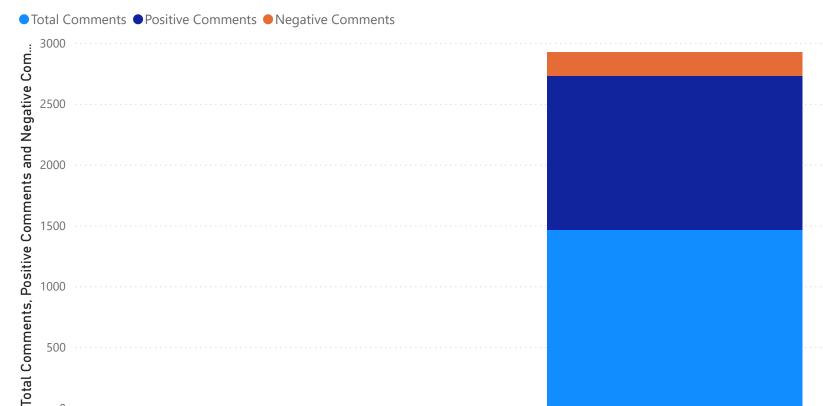
Positive Comments

1K

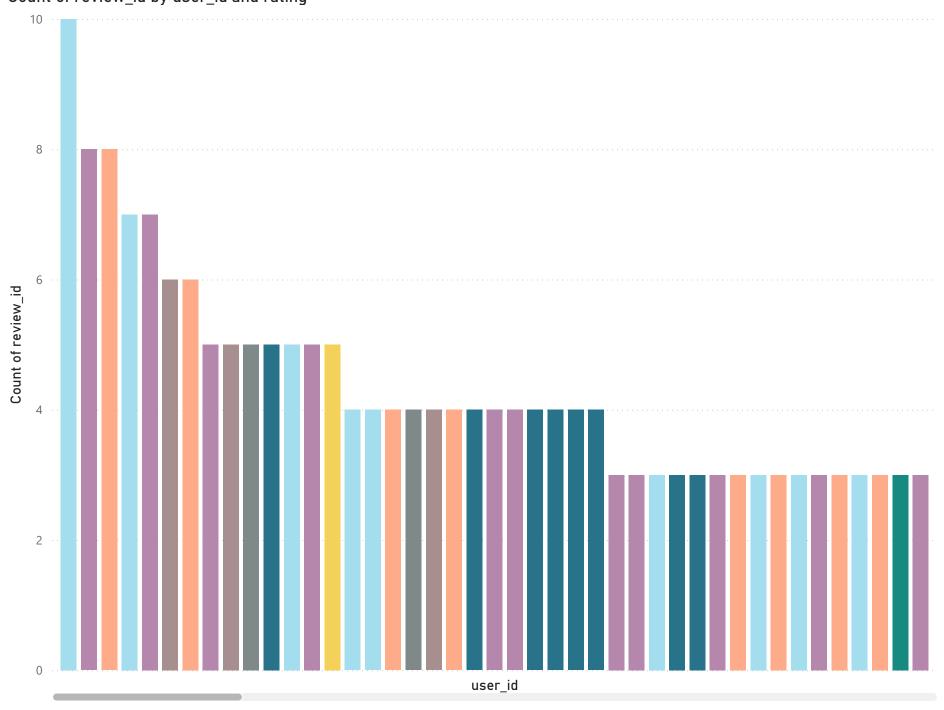
Negative Comments

196

Total Comments, Positive Comments and Negative Comments



Count of review_id by user_id and rating



Count of review_id

1,191K

Count of review_id average per user_id

1,23