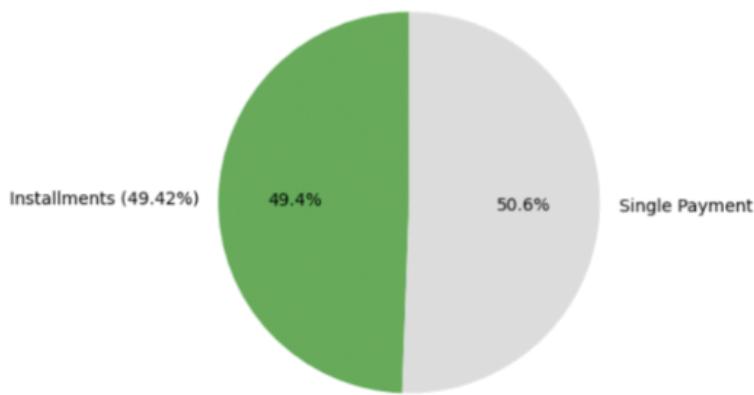


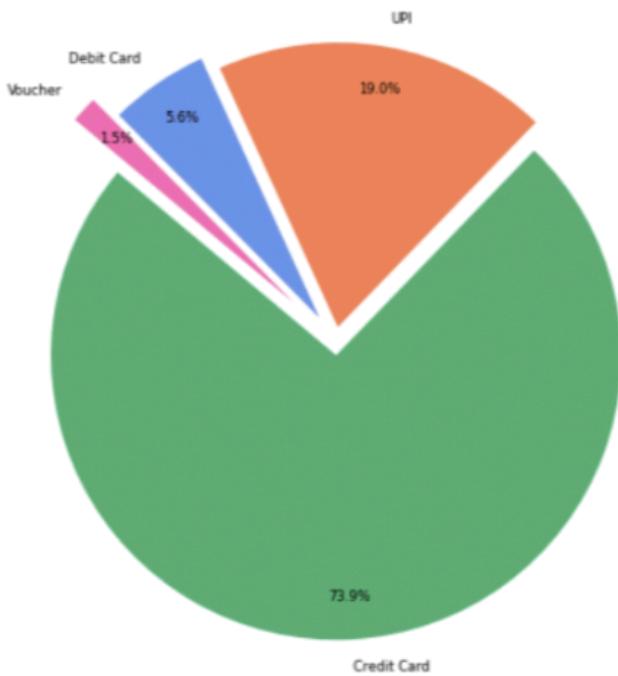
Percentage of Payments with Installments



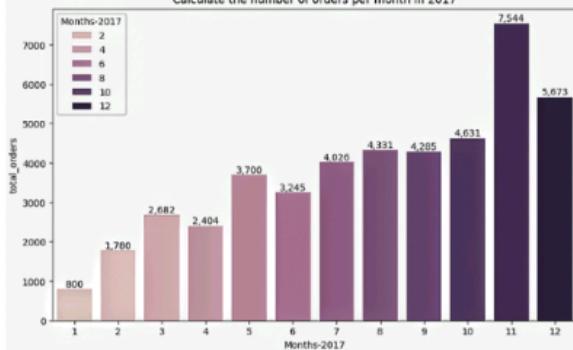
percentage_installments

0 49.42

Ratio of Payment Types



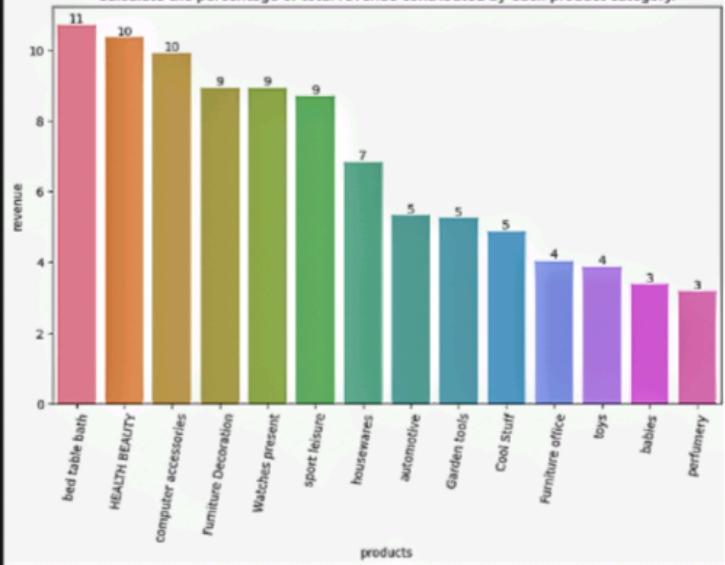
Calculate the number of orders per month in 2017



Months-2017 total_orders

8	1	800
1	2	1780
2	3	2682
3	4	2404
4	5	3700
5	6	3245
6	7	4026
7	8	4331
8	9	4205
9	10	4631
10	11	7544
11	12	5673

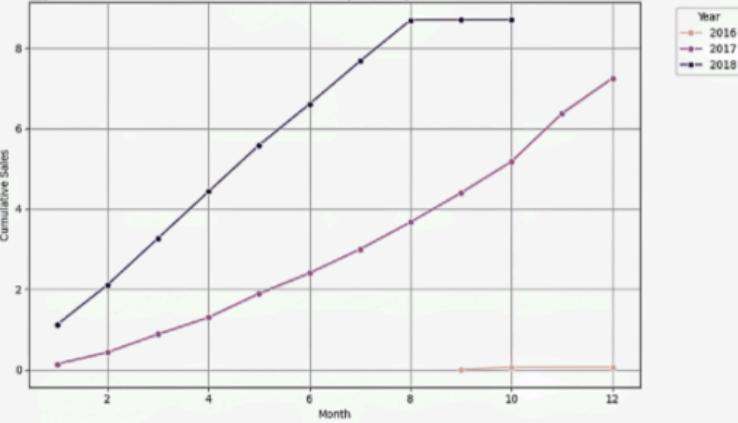
Calculate the percentage of total revenue contributed by each product category.



products

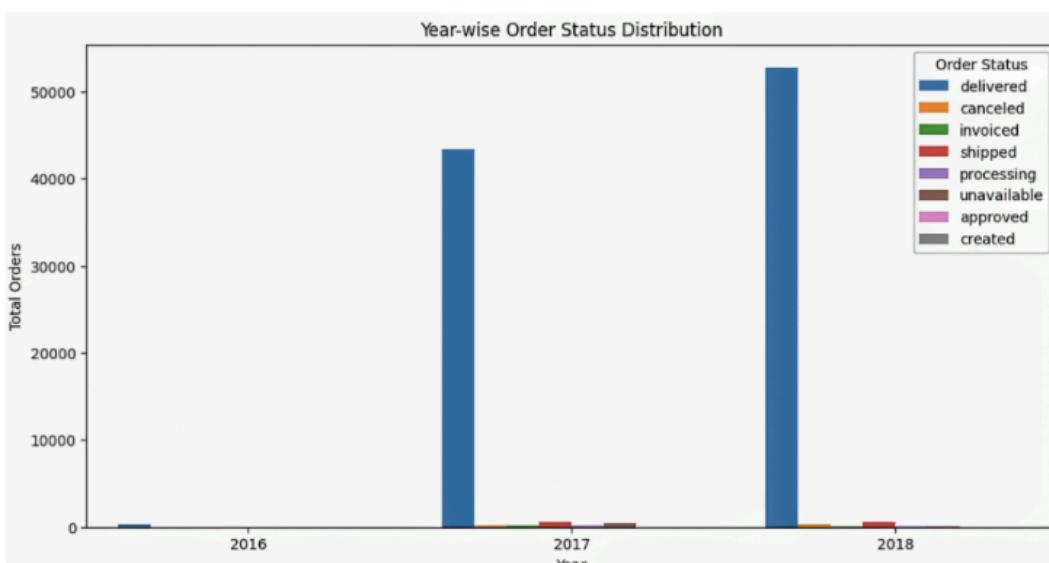
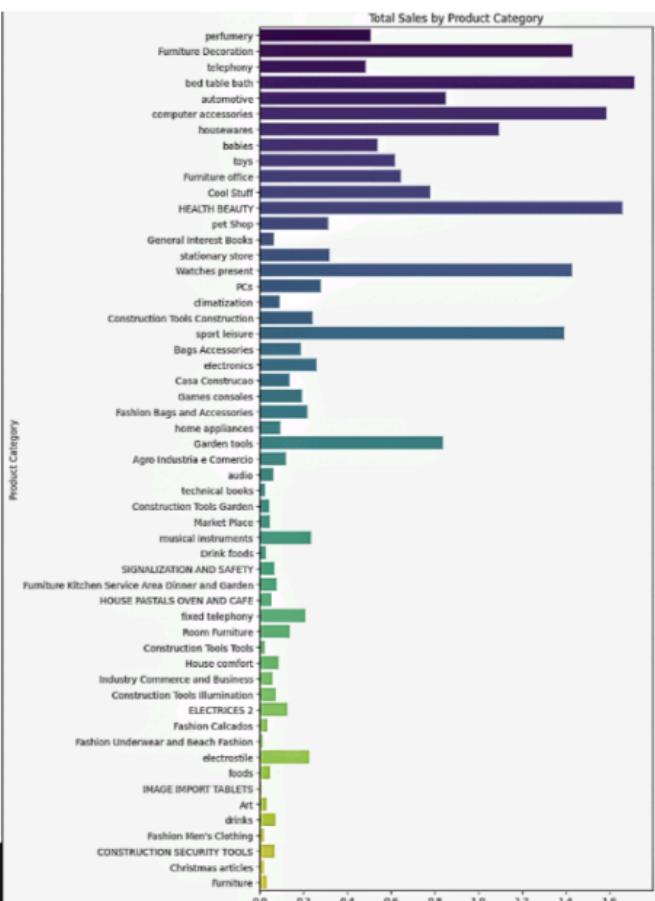
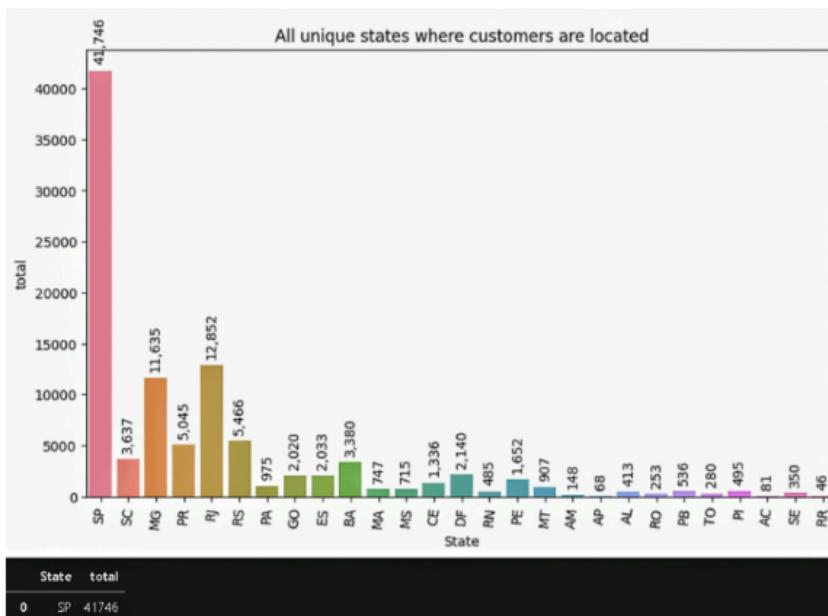
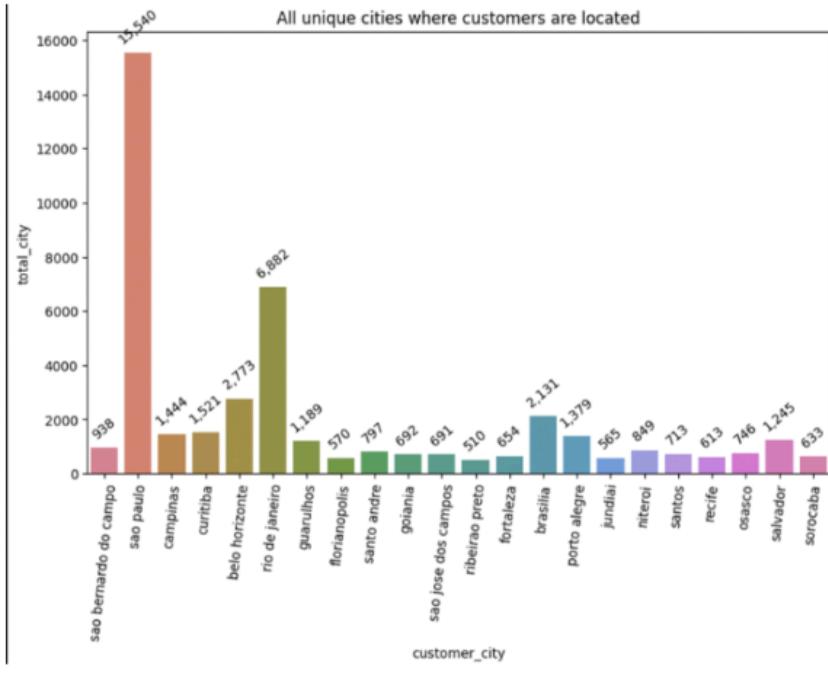
products	revenue
0 bed table bath	10.70
1 HEALTH BEAUTY	10.35
2 computer accessories	9.90
3 Furniture Decoration	8.93
4 Watches present	8.93
5 sport leisure	8.70
6 housewares	6.84
7 automotive	5.32
8 Garden tools	5.24
9 CoolStuff	4.87
10 Furniture office	4.04
11 toys	3.87
12 babies	3.27
13 perfumery	3.17

Cumulative Monthly Sales by Year



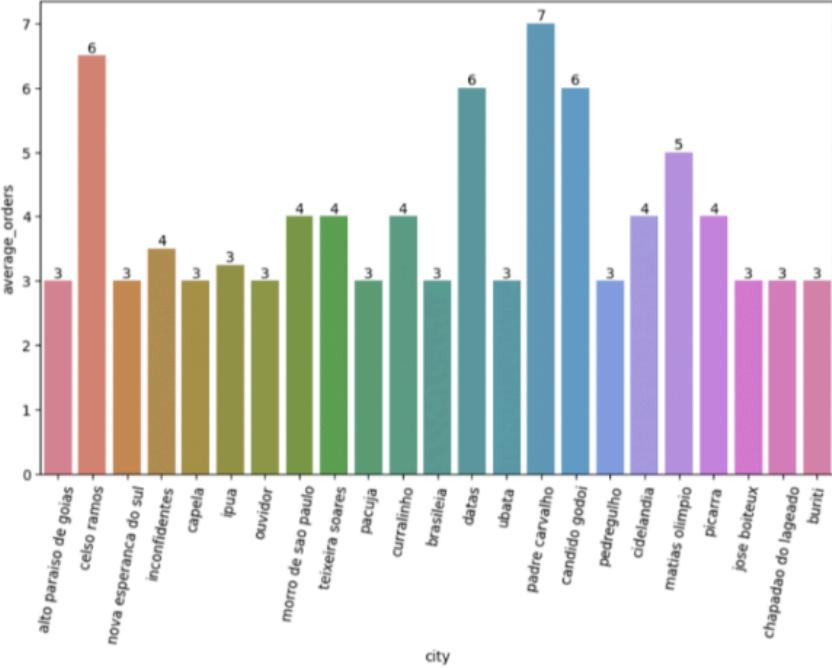
year Month monthly_sales cumulative_sales

0	2016	9	2.52400e+02	2.52400e+02
1	2016	10	5.90904e+04	5.92427e+04
2	2016	12	1.96200e+01	5.93234e+04
3	2017	1	1.38488e+05	1.39866e+05
4	2017	2	2.91900e+05	4.30396e+05
5	2017	3	4.49626e+05	8.80296e+05
6	2017	4	4.17789e+05	1.29946e+06
7	2017	5	5.929195e+05	1.80066e+06
8	2017	6	5.112764e+05	2.40243e+06
9	2017	7	5.93282e+05	2.99520e+06
10	2017	8	6.743964e+05	3.669023e+06
11	2017	9	7.277625e+05	4.19705e+06
12	2017	10	7.796779e+05	5.17642e+06
13	2017	11	1.194881e+06	6.271345e+06
14	2017	12	8.784015e+05	7.349747e+06
15	2018	1	1.11500e+06	1.11500e+06
16	2018	2	9.504634e+05	2.05446e+06
17	2018	3	1.159652e+06	3.26712e+06
18	2018	4	1.196705e+06	4.427905e+06
19	2018	5	1.153902e+06	5.581907e+06
20	2018	6	1.023981e+06	6.605796e+06
21	2018	7	1.06551e+06	7.672309e+06
22	2018	8	1.023425e+06	8.694734e+06
23	2018	9	4.439540e+03	8.699173e+06
24	2018	10	5.056700e+02	8.699762e+06

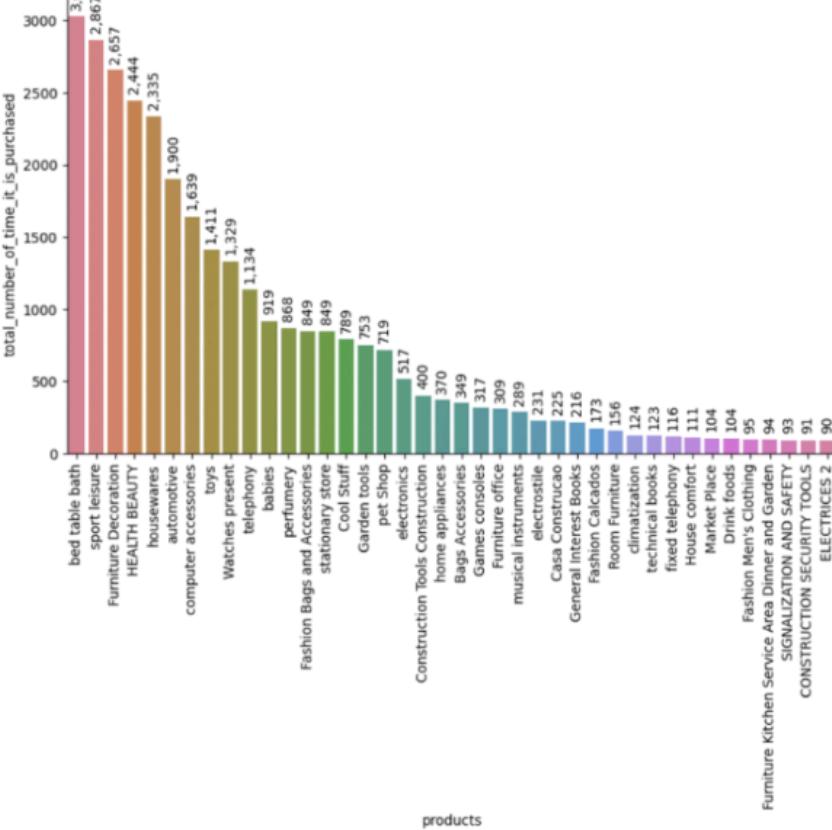


total_year	delivered	canceled	invoiced	shipped	processing	unavailable	approved	created
0	2017	43428	265	175	530	240	457	2
1	2018	52783	334	121	568	59	145	0
2	2016	267	26	18	9	2	7	0

Find the average number of products per order, grouped by customer city



Identify the number of times a product has been purchased



Top 3 Customers by Year (Total Payment)

