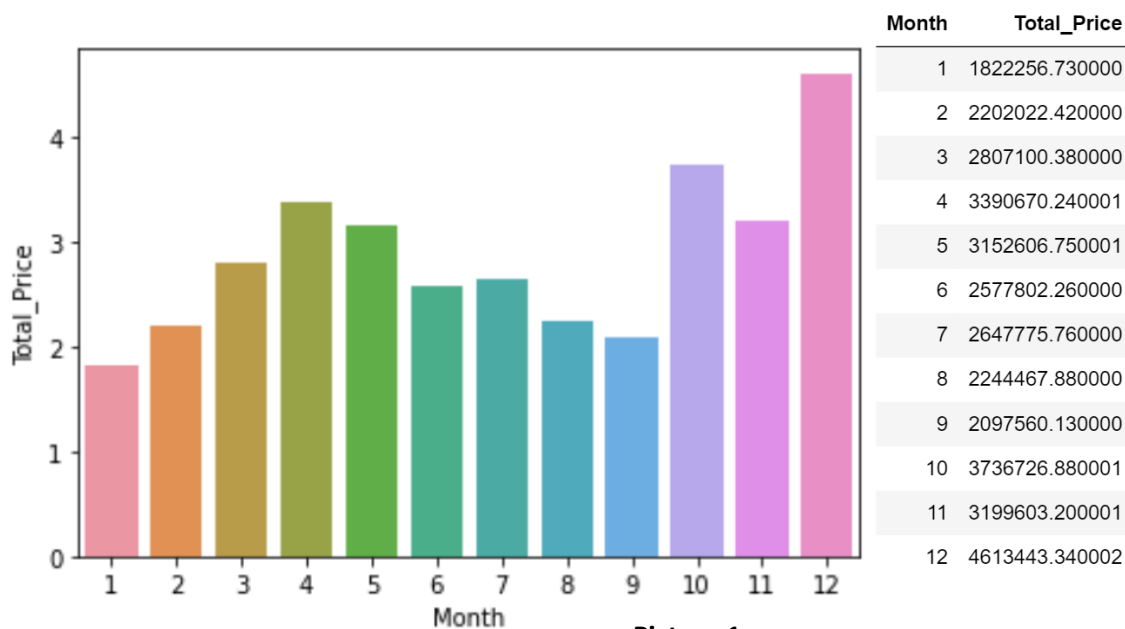


Results

According to picture 1, I found that Sales rate was increasing constantly for the first 4 months but on the 5th month until 9th month the Sales rate start to drop but the situation isn't that bad because excluding the 8th and 9th month those months sales rate doesn't drop below mean of the total year which is at 2.87 million dollars. I also found that December is the month that make the most profit at 4.61 million dollars.



Picture 1

With this result, I deep drive into the data and found the reason. According to the Table 1, we found that Most people buy product on day 17 because it's close to the Christmas eve and Christmas day which most American might want to buy the product for this event.

	Order_ID	Quantity_Ordered	Price_Each	Total_Price	Month	Year
Day						
17	270956791	1044	156335.63	157364.72	10572	16739
23	267393921	988	151015.66	152214.45	10428	16511
13	264934130	957	152702.00	153332.14	10332	16359
29	258739552	954	154159.42	156024.62	10092	15979
19	253385969	942	136908.24	137732.67	9876	15637

Table 1

As I drive deep down the data, I found that Batteries and Charging Cable is the top 5 most popular product and San Francisco was the city that has the highest Sales.

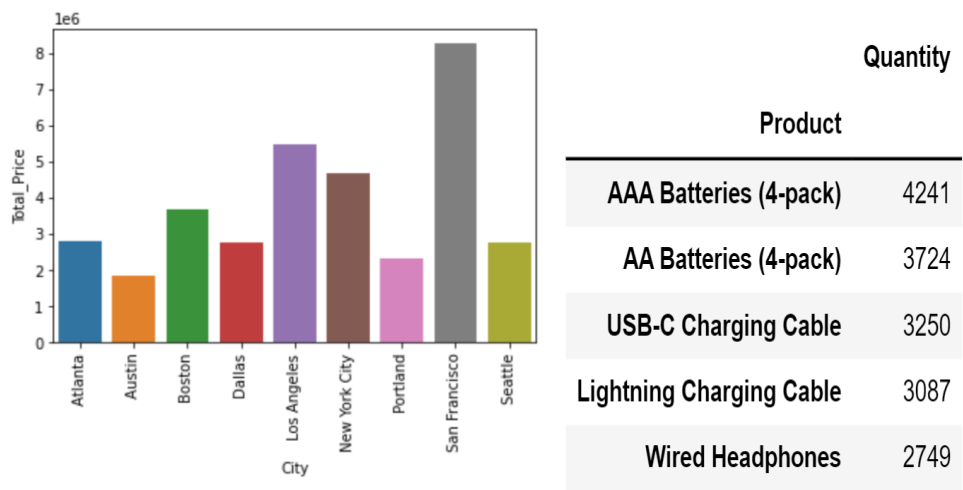


Table 2

Lastly, I found that iPhone and lightning Charging Cable is the product that was bought together at 1,005 out of 7,136 orders, follow by Google Phone and USB-C Charging Cable at 987 orders.

('iPhone', 'Lightning Charging Cable')	1005
('Google Phone', 'USB-C Charging Cable')	987
('iPhone', 'Wired Headphones')	447
('Google Phone', 'Wired Headphones')	414
('Vareebadd Phone', 'USB-C Charging Cable')	361
('iPhone', 'Apple Airpods Headphones')	360
('Google Phone', 'Bose SoundSport Headphones')	220
('USB-C Charging Cable', 'Wired Headphones')	160
('Vareebadd Phone', 'Wired Headphones')	143
('Lightning Charging Cable', 'Wired Headphones')	92