Products

	ProductID	ProductName	Description	CategoryName	Price	CostPrice
0	1	Kockkniv	Kockkniv 18 cm	Köksknivar	999	620
1	2	Brödkniv	Brödkniv med tandat blad 22 cm	Köksknivar	749	450
2	3	Santokukniv	Japansk Santokukniv 17 cm	Köksknivar	1,199	800
3	4	Skalkniv	Liten skalkniv 10 cm	Köksknivar	299	150
4	5	Grönsakskniv	Grönsakskniv med brett blad 15 cm	Köksknivar	499	300
5	6	Matberedare	Matberedare med 2 liters kapacitet	Köksmaskiner	1,599	1,200
6	7	Köksassistent	Kraftfull köksassistent med 4,5 liters skål	Köksmaskiner	4,999	3,500
7	8	Stavmixer	Stavmixer med olika hastigheter	Köksmaskiner	699	400
8	9	Blender	Högpresterande blender 1,5 liter	Köksmaskiner	1,399	1,000
9	10	Kaffebryggare	Droppkaffebryggare för 12 koppar	Köksmaskiner	899	550

Stores

	StoreID	StoreName	Location
0	1	Köksbutiken Stockholm	Stockholm
1	2	Stockholms Knivspecialist	Stockholm
2	3	Matlagningshörnan Stockholm	Stockholm
3	4	Stockholm Gourmet	Stockholm
4	5	Matlagningshörnan Göteborg	Göteborg
5	6	Grytor & Stekpannor Göteborg	Göteborg
6	7	Köksredskap Göteborg	Göteborg
7	8	Köksproffset Malmö	Malmö
8	9	Malmö Gourmetkök	Malmö

Transactions

	TransactionID	StoreID	CustomerID	TransactionDate
0	1	8	62	2021-05-04
1	2	2	11	2021-05-04
2	3	1	66	2021-05-04
3	4	6	23	2021-05-05
4	5	8	75	2021-05-05
5	6	3	10	2021-05-06
6	7	2	9	2021-05-06
7	8	7	35	2021-05-07
8	9	2	6	2021-05-08
9	10	4	2	2021-05-09

Customers

	CustomerID	JoinDate	ActiveMember	ApprovedToContact
0	1	2021-11-24	1	1
1	2	2021-05-09	1	1
2	3	2022-02-04	1	1
3	4	2021-05-16	1	1
4	5	2021-09-16	1	1
5	6	2021-05-08	1	None
6	7	2021-06-19	1	1
7	8	2022-03-11	1	1
8	9	2021-05-06	1	1
9	10	2021-05-06	1	1

TransactionDetails

	TransactionDetailID	TransactionID	ProductID	Quantity	PriceAtPurchase	TotalPrice
0	1	1	14	1	899	899
1	2	1	23	3	249	747
2	3	1	37	1	199	199
3	4	1	8	1	699	699
4	5	2	2	1	799	799
5	6	3	34	1	899	899
6	7	3	38	2	349	698
7	8	3	3	1	1,199	1,199
8	9	3	5	1	499	499
9	10	4	14	1	899	899

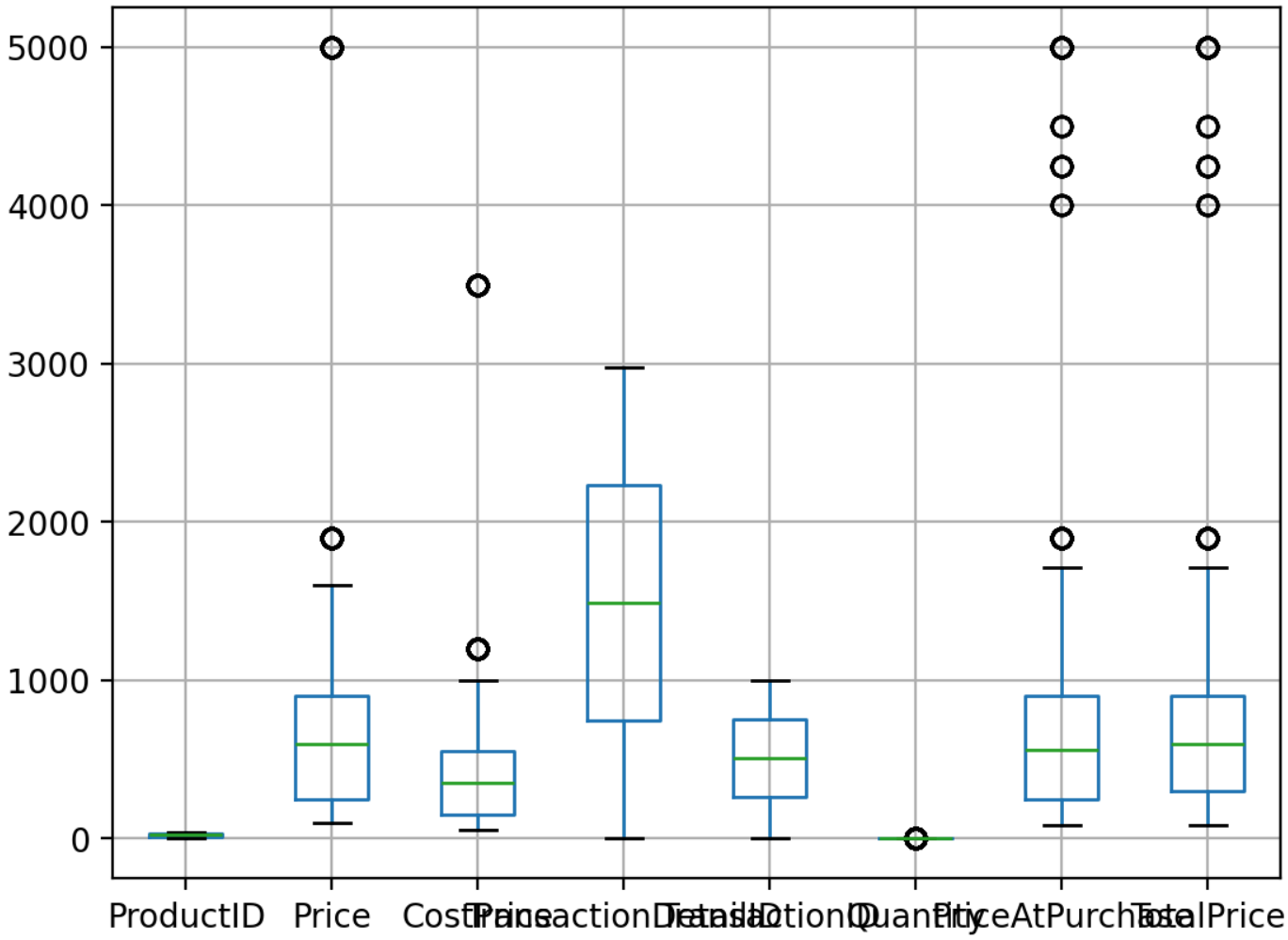
Merging Products with transaction_details data

	ProductID	ProductName	Description	CategoryName	Price	CostPrice	Transa
0	1	Kockkniv	Kockkniv 18 cm	Köksknivar	999	620	
1	1	Kockkniv	Kockkniv 18 cm	Köksknivar	999	620	
2	1	Kockkniv	Kockkniv 18 cm	Köksknivar	999	620	
3	1	Kockkniv	Kockkniv 18 cm	Köksknivar	999	620	
4	1	Kockkniv	Kockkniv 18 cm	Köksknivar	999	620	
5	1	Kockkniv	Kockkniv 18 cm	Köksknivar	999	620	
6	1	Kockkniv	Kockkniv 18 cm	Köksknivar	999	620	
7	1	Kockkniv	Kockkniv 18 cm	Köksknivar	999	620	
8	1	Kockkniv	Kockkniv 18 cm	Köksknivar	999	620	
9	1	Kockkniv	Kockkniv 18 cm	Köksknivar	999	620	

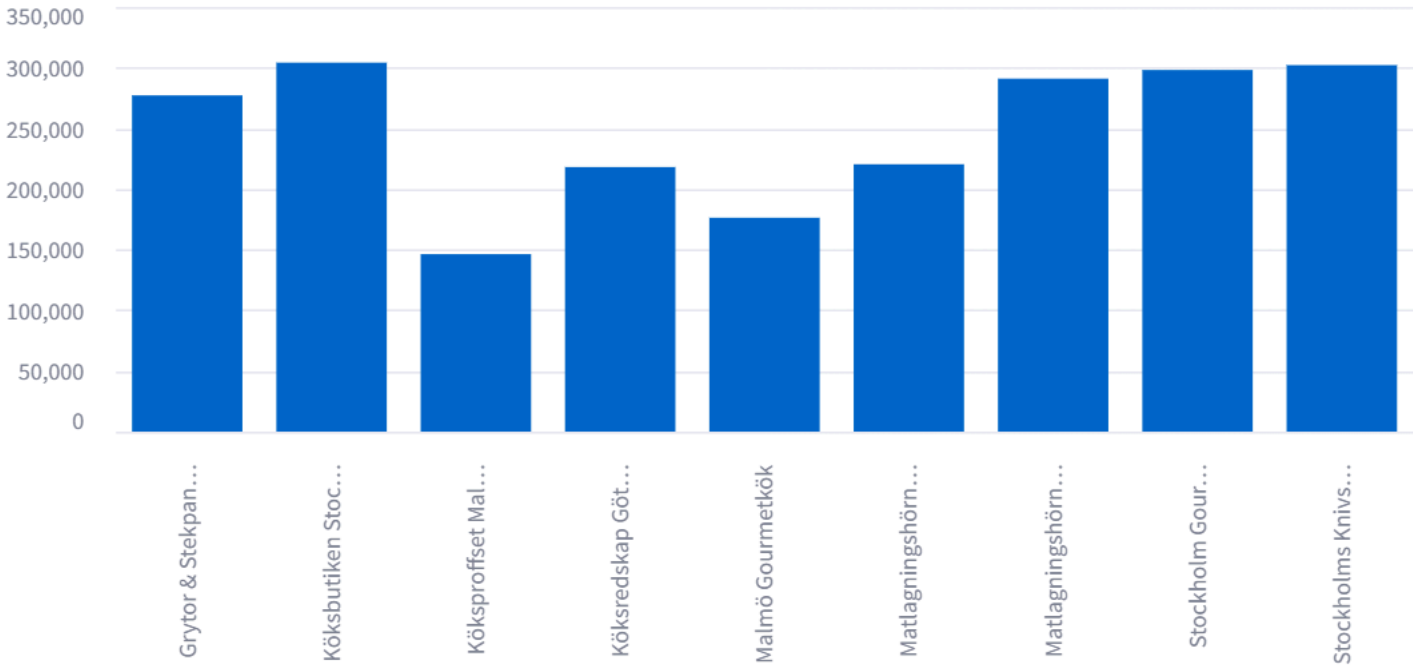
Merging transactions with store data

	TransactionID	StoreID	CustomerID	TransactionDate	StoreName	Location
0	1	8	62	2021-05-04	Köksproffset Malmö	Malmö
1	2	2	11	2021-05-04	Stockholms Knivspecialist	Stockholm
2	3	1	66	2021-05-04	Köksbutiken Stockholm	Stockholm
3	4	6	23	2021-05-05	Grytor & Stekpannor Göteborg	Göteborg
4	5	8	75	2021-05-05	Köksproffset Malmö	Malmö
5	6	3	10	2021-05-06	Matlagningshörnan Stockholm	Stockholm
6	7	2	9	2021-05-06	Stockholms Knivspecialist	Stockholm
7	8	7	35	2021-05-07	Köksredskap Göteborg	Göteborg
8	9	2	6	2021-05-08	Stockholms Knivspecialist	Stockholm
9	10	4	2	2021-05-09	Stockholm Gourmet	Stockholm

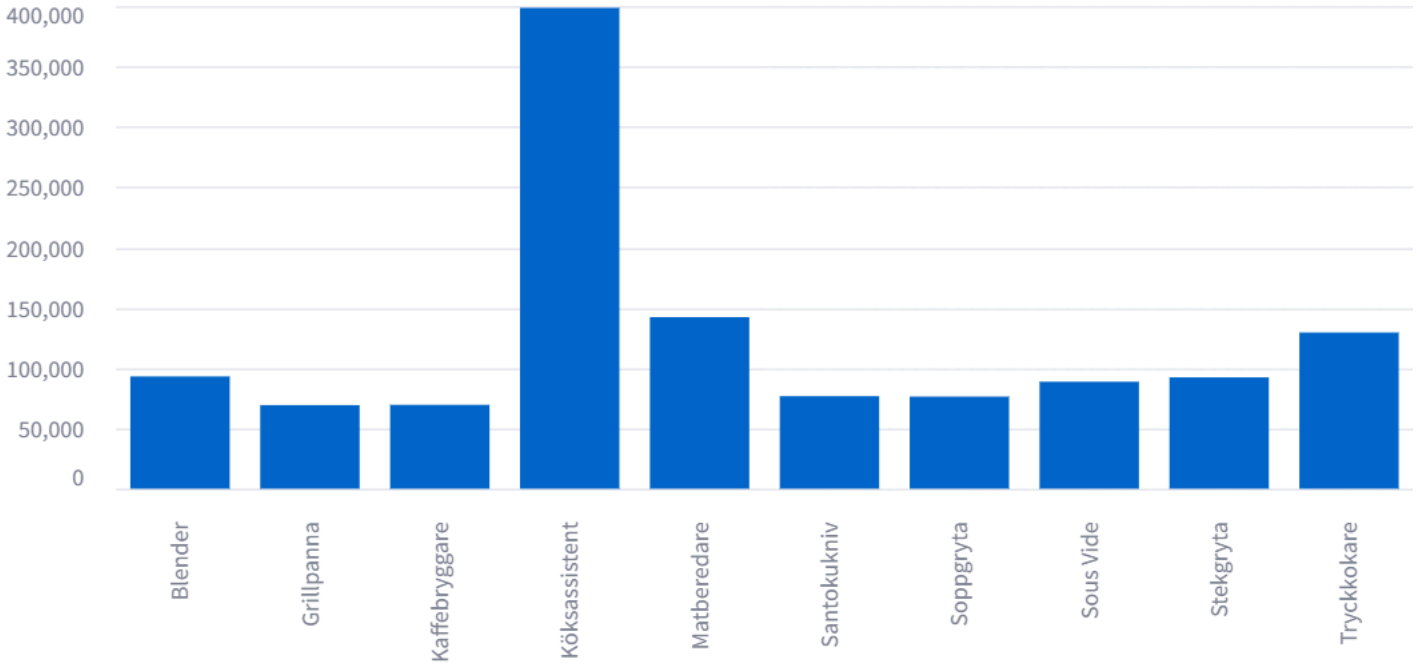
Grouping and analyzing quantity by product



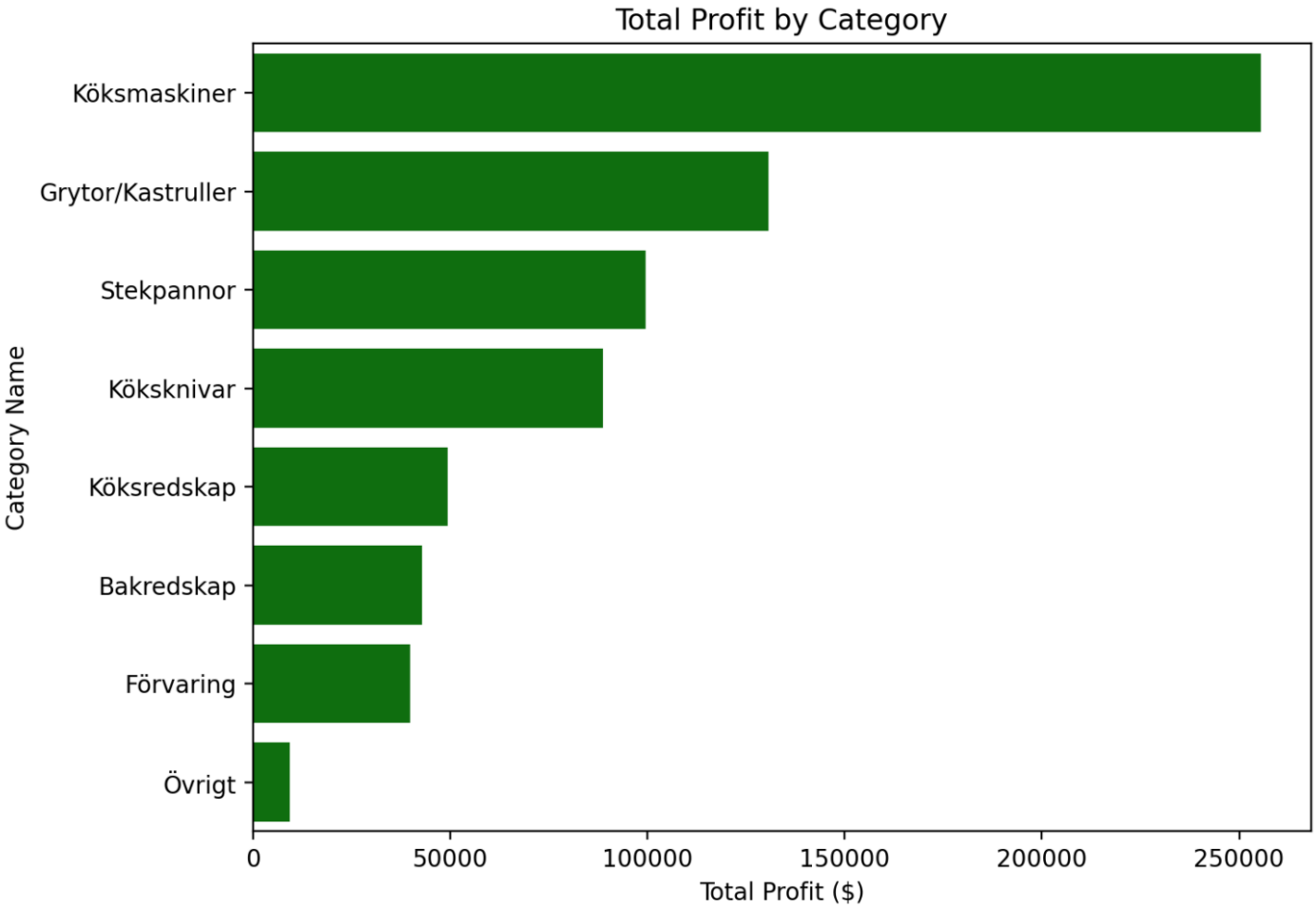
Total Sales by Store



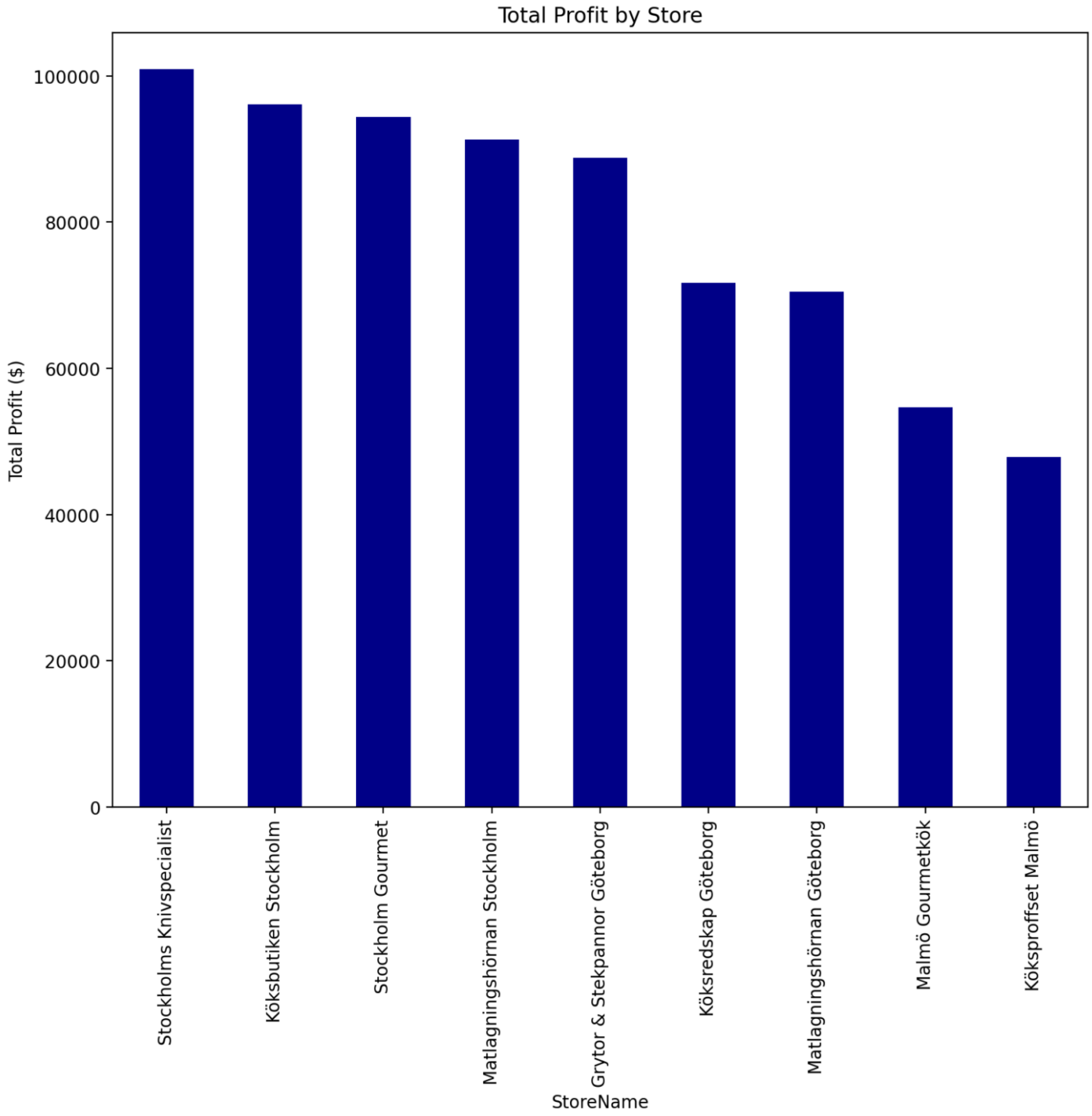
Total Sales by Product



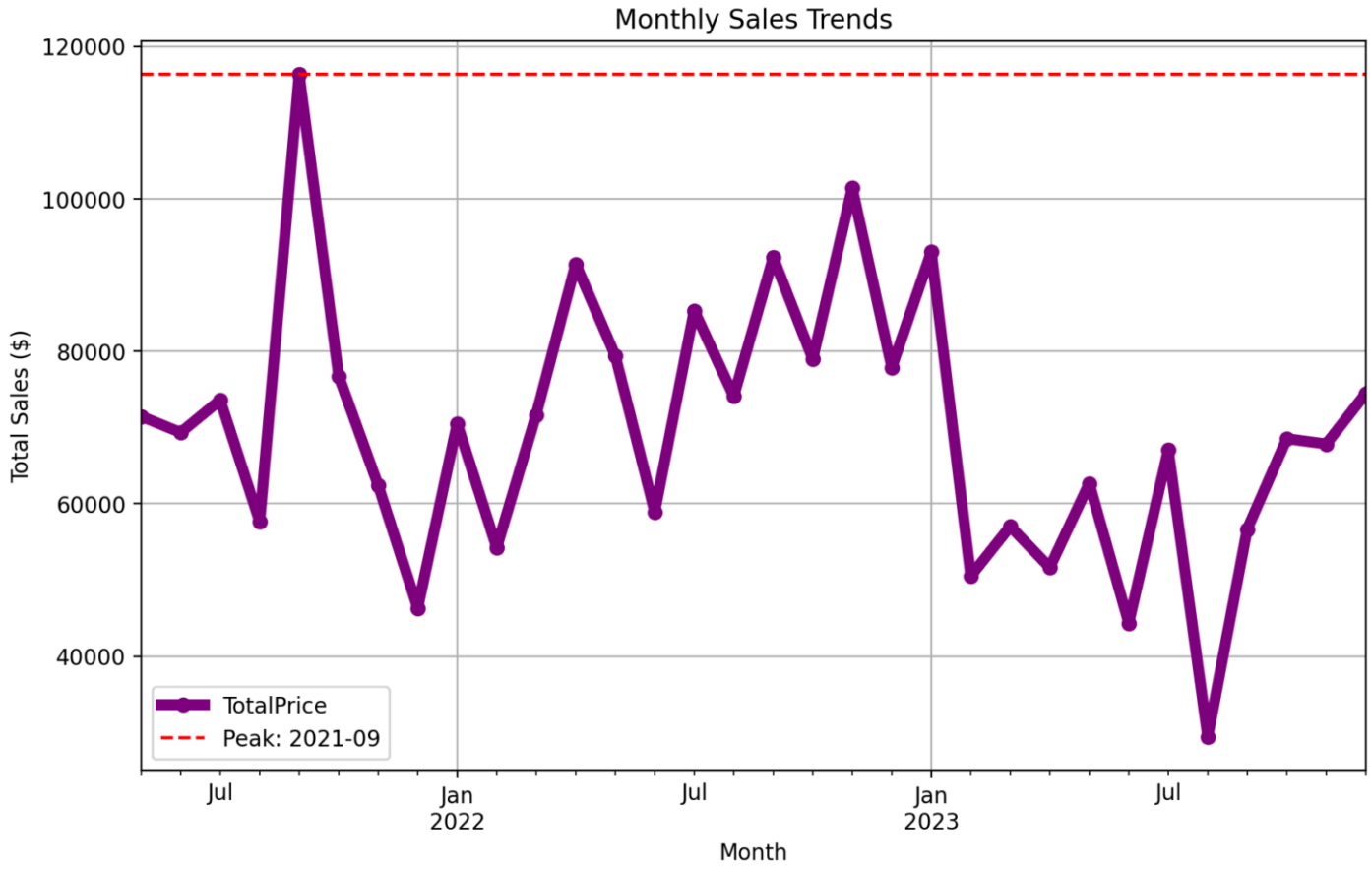
Total Profit by Category



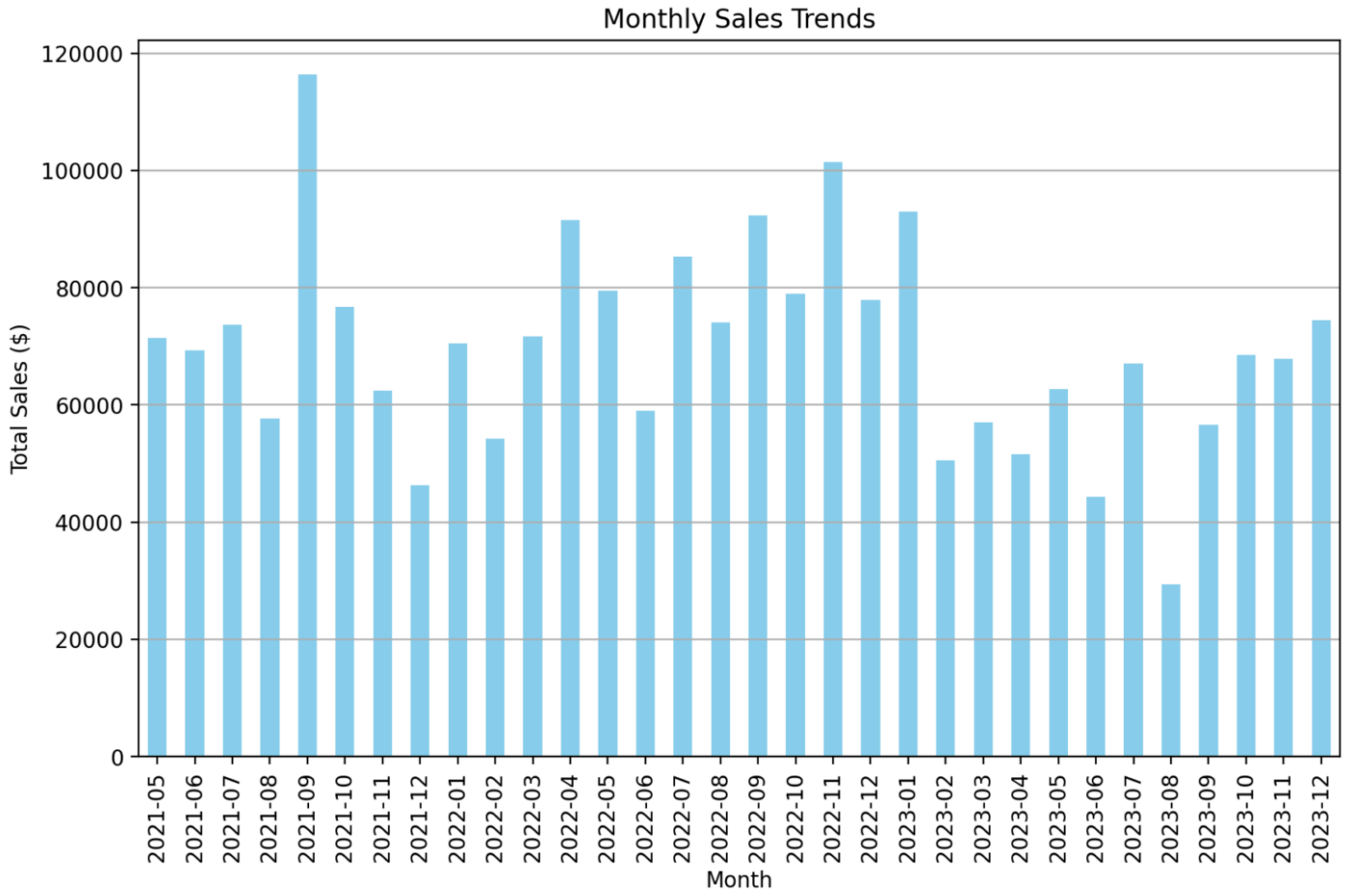
Total Profit by Store:



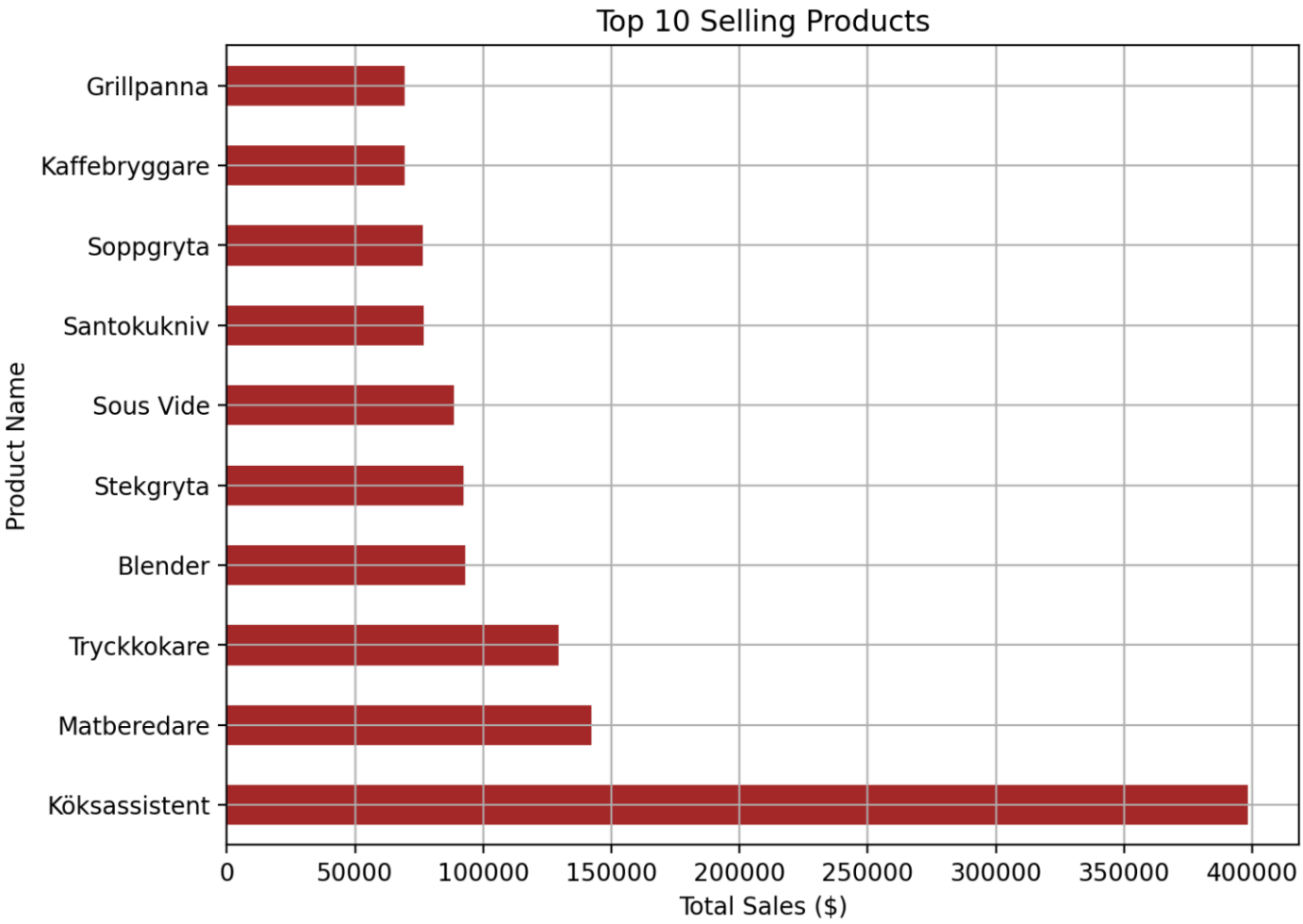
Monthly Sales Trend Analysis for Peak Month



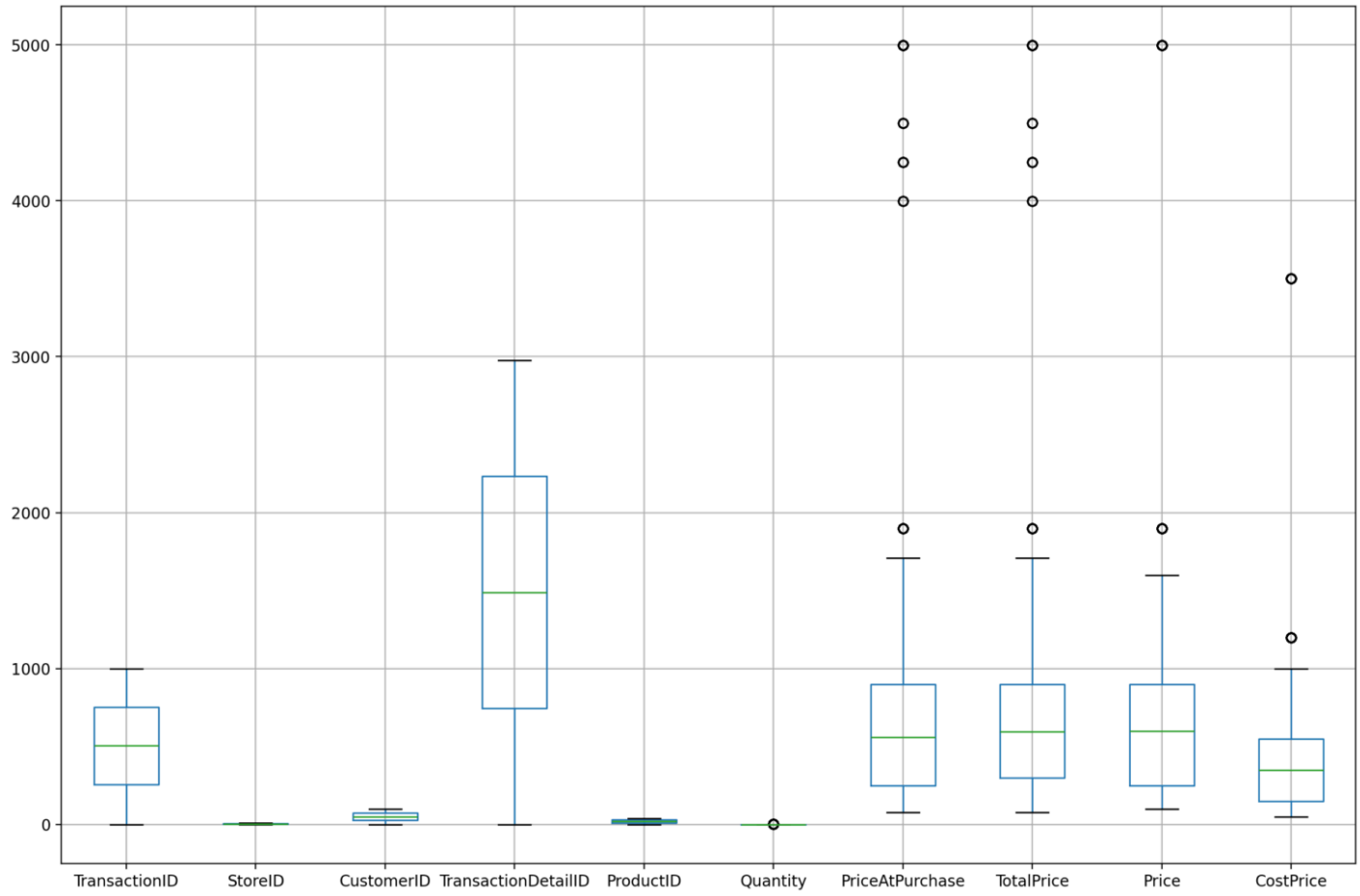
Monthly Sales Trends



Top 10 Selling Products

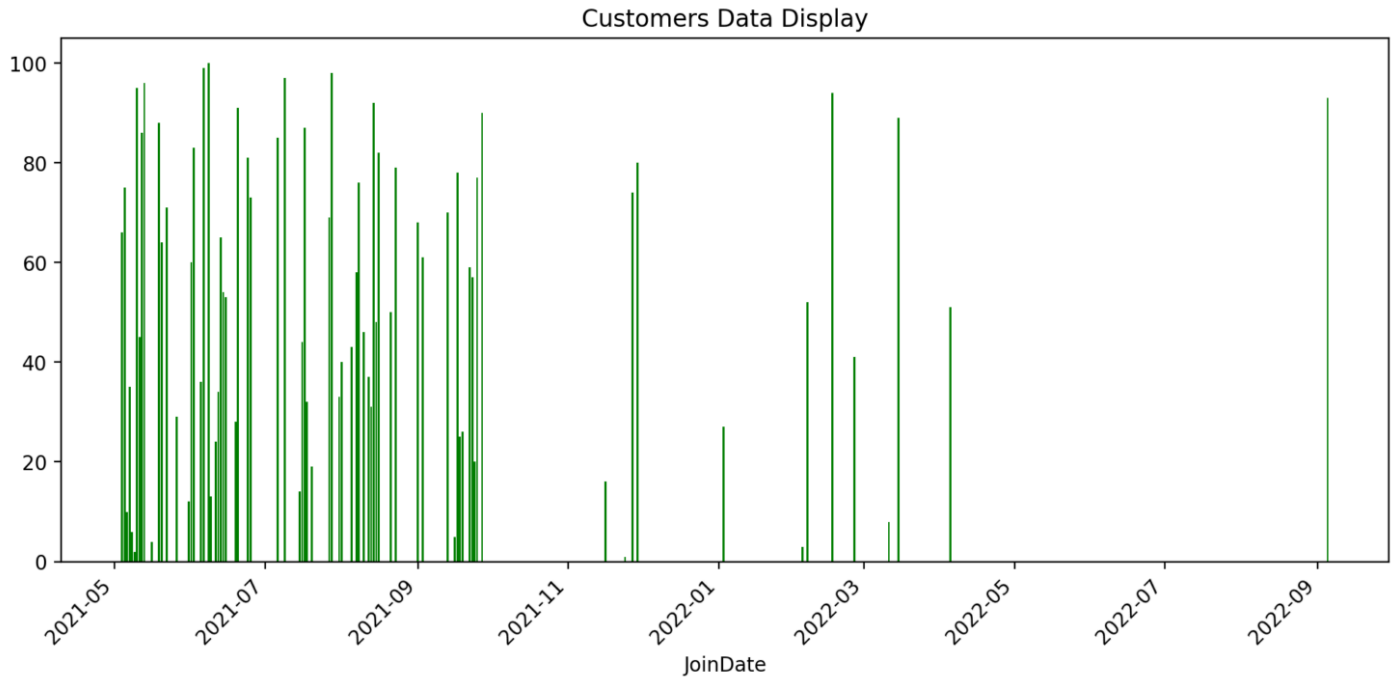


Boxplot of Numeric Columns



Repeat Customer Segmentation

None

Do i want to see the Graph?

- (●) yes
- ( ) No