

Supply Chain: Inventory Analytics for Smarter Stock Management

2022

2023

Over Stock Threshold

All

Overstock Count

168

In Stock

45

Running Out Of...

90

Out Of Stock

15

StockoutRateByC...

15.00

SalesFromTop20P...

514M

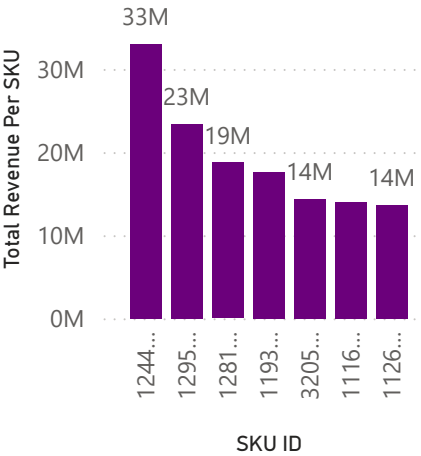
XYZ Category

1

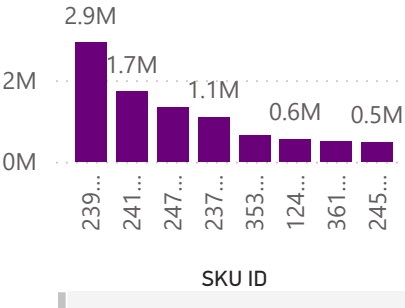
ABC Category

33.919K

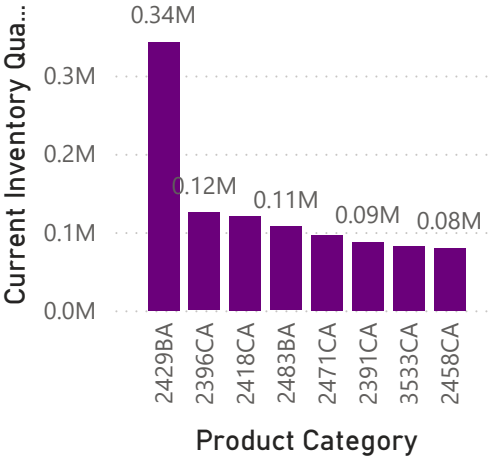
Total Revenue Per SKU by SKU ID



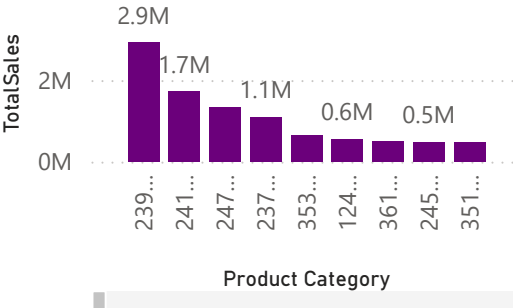
Total Demand by SKU ID



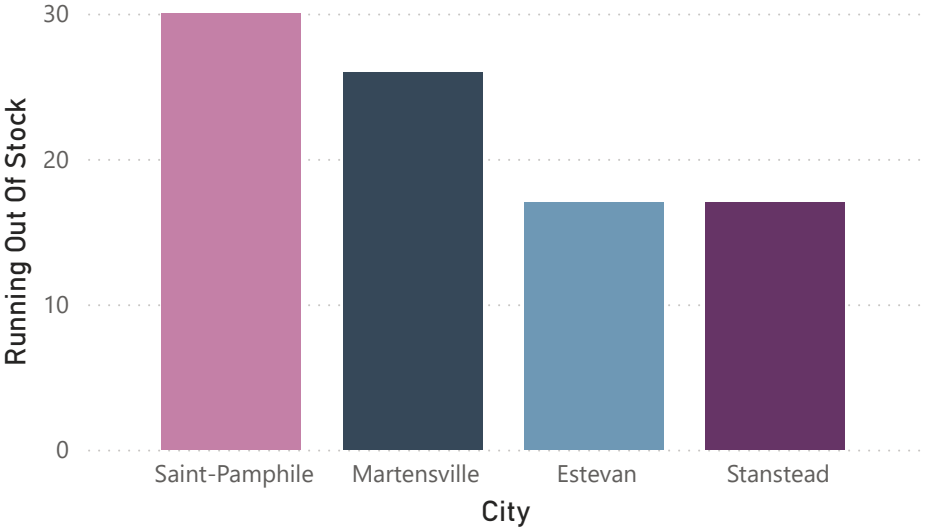
Current Inventory Quantity by Product Category



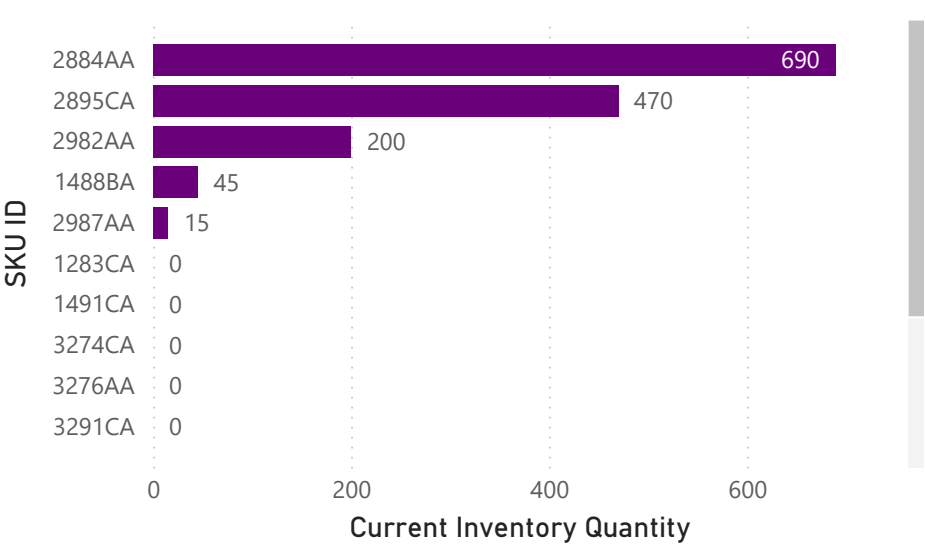
Total Sales by Product Category



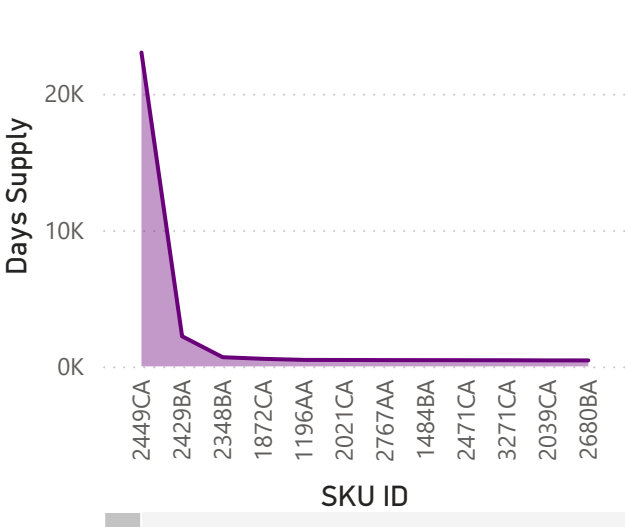
Running Out Of Stock by City



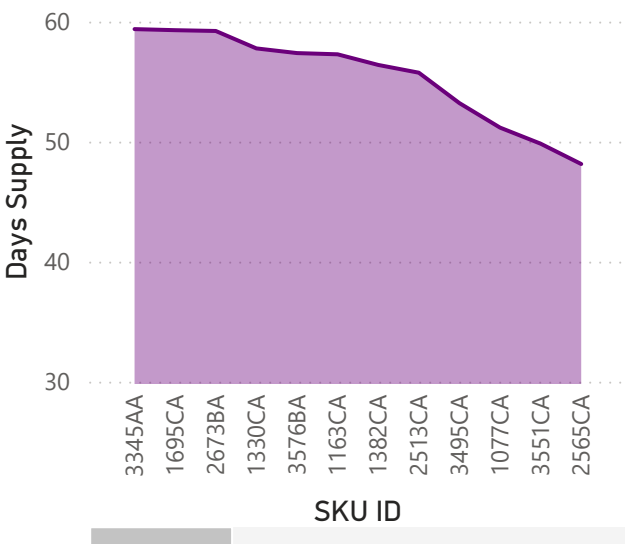
Out of Stock & SKU ID by Current Inventory Quantity



Days Supply by SKU ID



Days Supply by SKU ID



# Supply Chain: Inventory Analytics for Smarter Stock Management

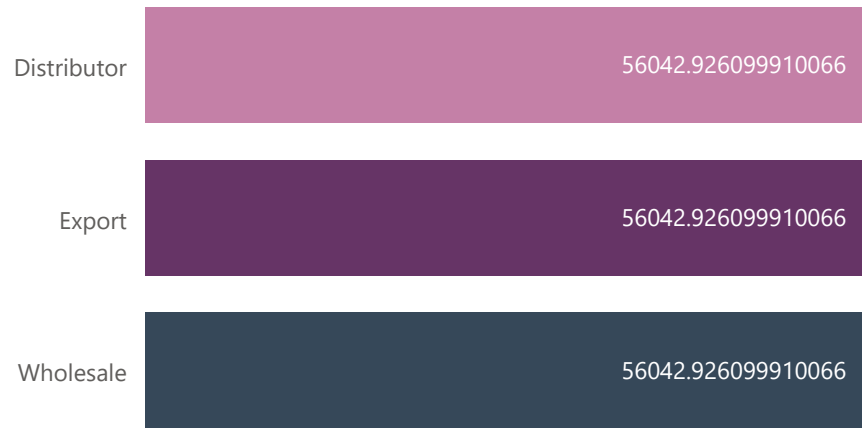
## Detailed Supply Chain: Inventory Analytics for Smarter Stock Management

SKU ID	Vendor Name	Warehouse ID	Overstock	In Stock	Running Out Of Stock	Out Of Stock	StockoutRate	SalesFromTop20Percent	ABC Category	XYZ Category	Total Value	Total Over Stock	
1009AA	McKesson Corp	AXW291	In Stock	1			0.00	513806619	102	1	145,168.17		
1009AA	McKesson Corp	FLR025	In Stock	1			0.00	513806619	22	1	145,168.17		
1009AA	McKesson Corp	GUT930	In Stock	1			0.00	513806619	63	1	145,168.17		
1009AA	McKesson Corp	NXH382	In Stock	1			0.00	513806619	35	1	145,168.17		
1077CA	McKesson Corp	AXW291	In Stock	1			0.00	513806619	74	1	748,181.49		
1077CA	McKesson Corp	FLR025	In Stock	1			0.00	513806619	10	1	748,181.49		
1077CA	McKesson Corp	GUT930	In Stock	1			0.00	513806619	42	1	748,181.49		
1077CA	McKesson Corp	NXH382	In Stock	1			0.00	513806619	24	1	748,181.49		
1083AA	Kinray Ltd	AXW291	Overstock				0.00	513806619	49	1	979,337.94	979,337.94	
1083AA	Kinray Ltd	FLR025	Overstock				0.00	513806619	21	1	979,337.94	979,337.94	
1083AA	Kinray Ltd	GUT930	Overstock				0.00	513806619	35	1	979,337.94	979,337.94	
1083AA	Kinray Ltd	NXH382	Overstock				0.00	513806619	28	1	979,337.94	979,337.94	
1116CA	Accord Ltd	AXW291	In Stock	1			0.00	513806619	54	1	766,818.08		
1116CA	Accord Ltd	FLR025	In Stock	1			0.00	513806619	8	1	766,818.08		
1116CA	Accord Ltd	GUT930	In Stock	1			0.00	513806619	14	1	766,818.08		
1116CA	Accord Ltd	NXH382	In Stock	1			0.00	513806619	22	1	766,818.08		
1126CA	AstraZeneca	AXW291	In Stock	1			0.00	513806619	41	1	901,639.20		
1126CA	AstraZeneca	FLR025	In Stock	1			0.00	513806619	9	1	901,639.20		
1126CA	AstraZeneca	GUT930	In Stock	1			0.00	513806619	22	1	901,639.20		
1126CA	AstraZeneca	NXH382	In Stock	1			0.00	513806619	19	1	901,639.20		
1130AA	Sun Ltd	AXW291	Overstock				0.00	513806619	79	1	164,639.07	164,639.07	
1130AA	Sun Ltd	FLR025	Overstock				0.00	513806619	19	1	164,639.07	164,639.07	
Total				45		90	15	15.00	513806619	33919	1	54,130,478.34	42,706,8

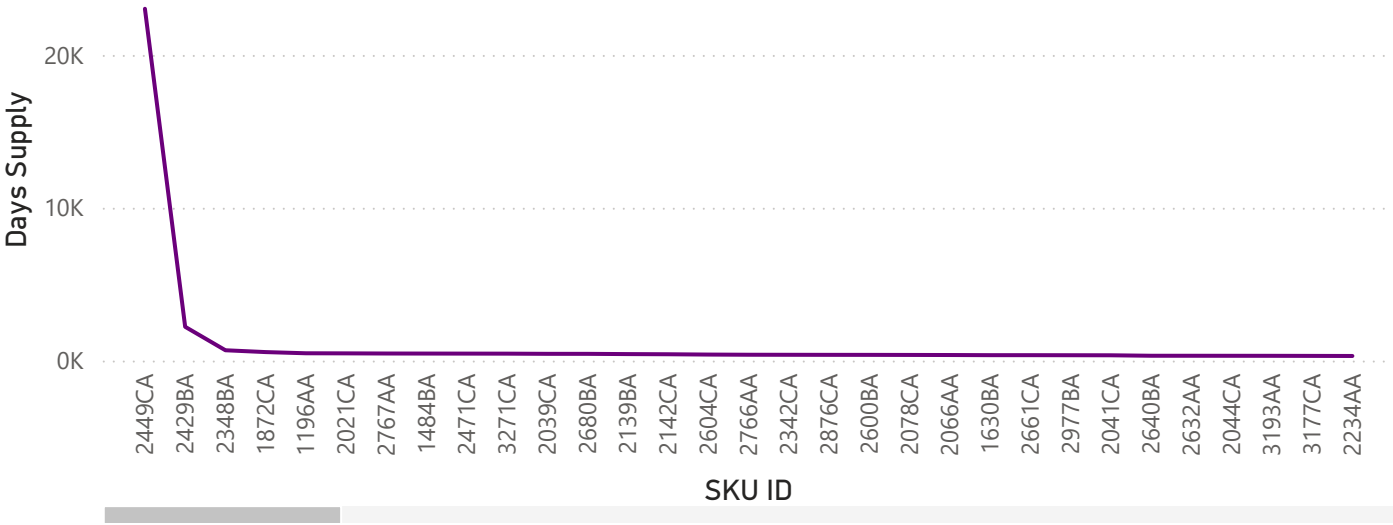
# Over Stock



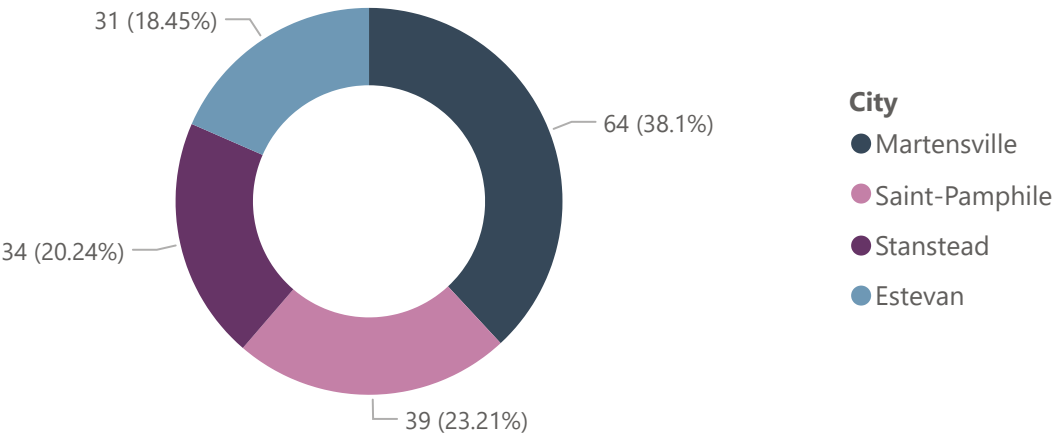
Over Stock



Days Supply by SKU ID



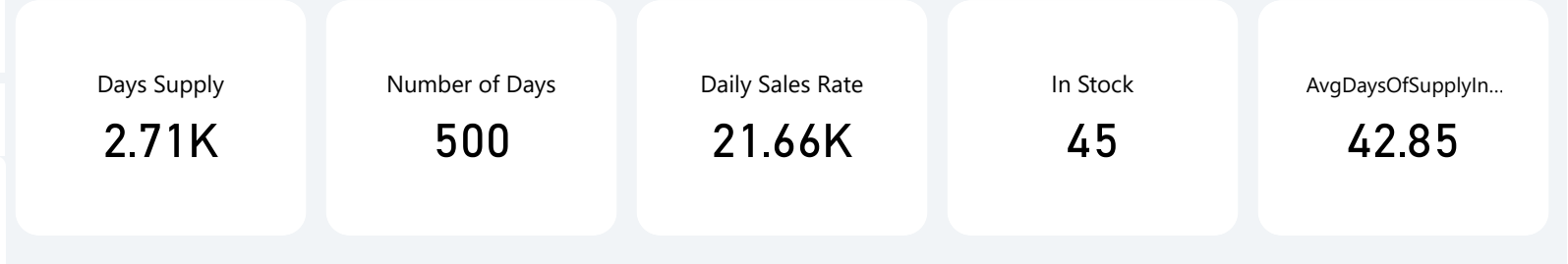
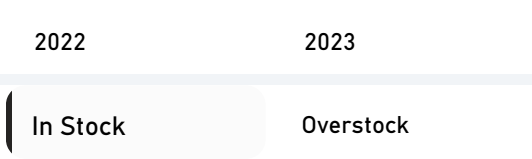
Overstock by City



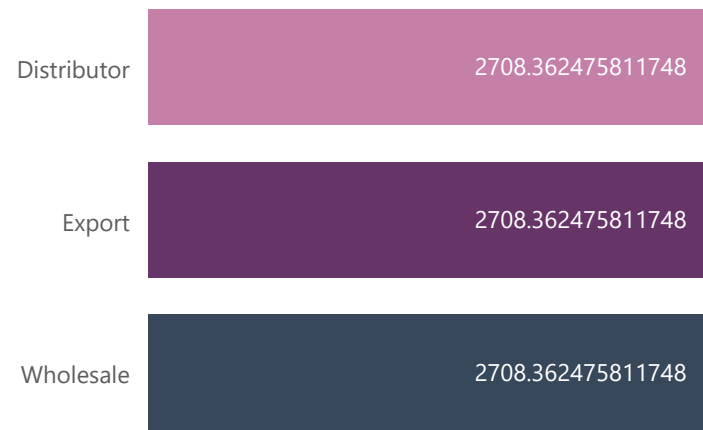
Overstock Inventory Details

SKU ID	Vendor Name	Warehouse ID	Current Inventory Quantity	Stock Category	Days Supply
1083AA	Kinray Ltd	AXW291	48,210.00	Overstock	60.98
1083AA	Kinray Ltd	FLR025	48,210.00	Overstock	60.98
1083AA	Kinray Ltd	GUT930	48,210.00	Overstock	60.98
1083AA	Kinray Ltd	NXH382	48,210.00	Overstock	60.98
1130AA	Sun Ltd	AXW291	13,622.00	Overstock	68.91
1130AA	Sun Ltd	FLR025	13,622.00	Overstock	68.91
1130AA	Sun Ltd	GUT930	13,622.00	Overstock	68.91
1130AA	Sun Ltd	NXH382	13,622.00	Overstock	68.91
Total			1,407,074.12		56,042.93

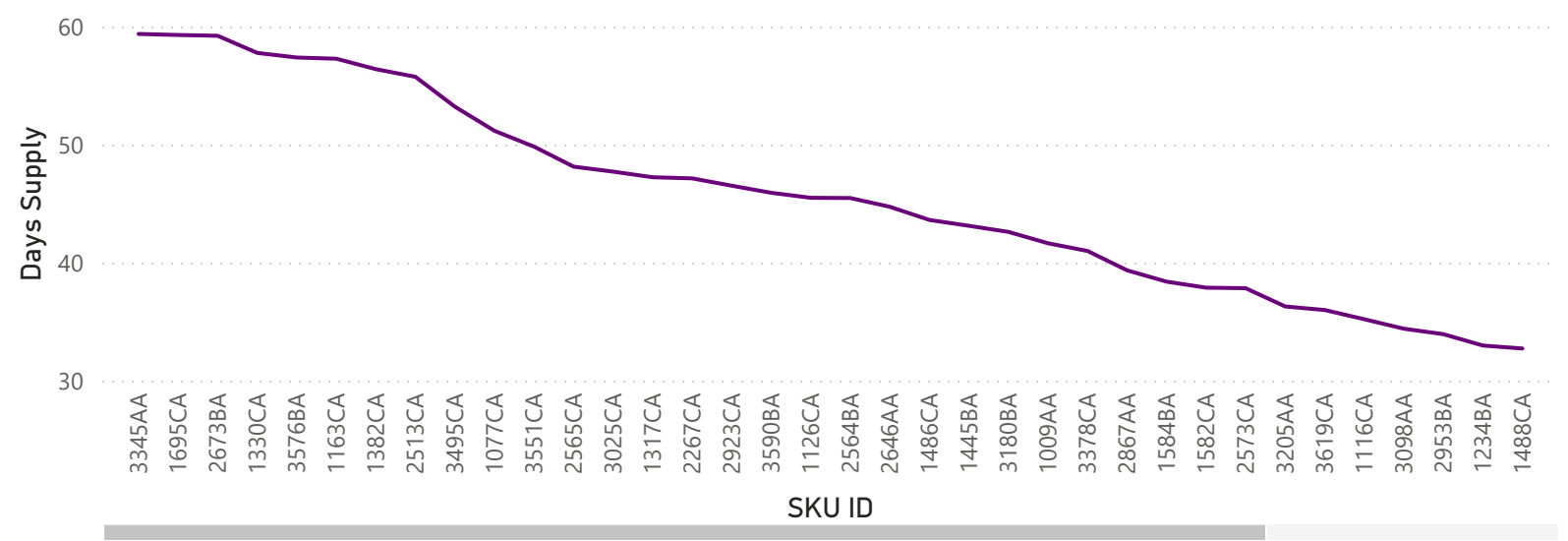
# In Stock



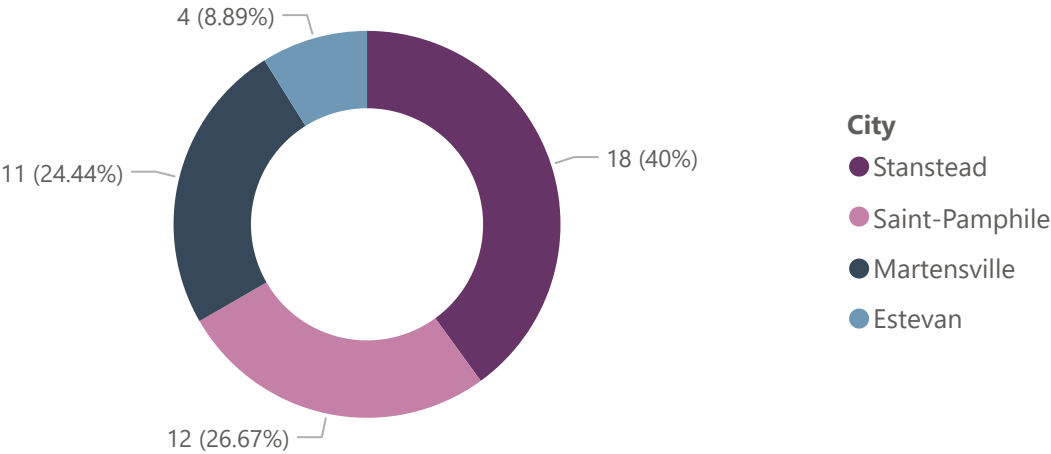
In Stock



Days Supply by SKU ID



In Stock by City



Overstock Inventory Details

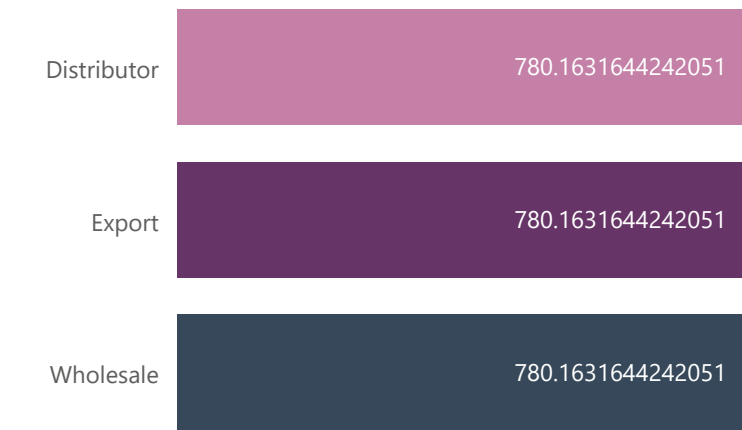
SKU ID	Vendor Name	Warehouse ID	Current Inventory Quantity	Stock Category	Days Supply
1009AA	McKesson Corp	AXW291	7,210.00	In Stock	41.64
1009AA	McKesson Corp	FLR025	7,210.00	In Stock	41.64
1009AA	McKesson Corp	GUT930	7,210.00	In Stock	41.64
1009AA	McKesson Corp	NXH382	7,210.00	In Stock	41.64
1077CA	McKesson Corp	AXW291	46,516.00	In Stock	51.17
1077CA	McKesson Corp	FLR025	46,516.00	In Stock	51.17
1077CA	McKesson Corp	GUT930	46,516.00	In Stock	51.17
1077CA	McKesson Corp	NXH382	46,516.00	In Stock	51.17
Total			396,028.50		1,928.20

# Running Out of Stock

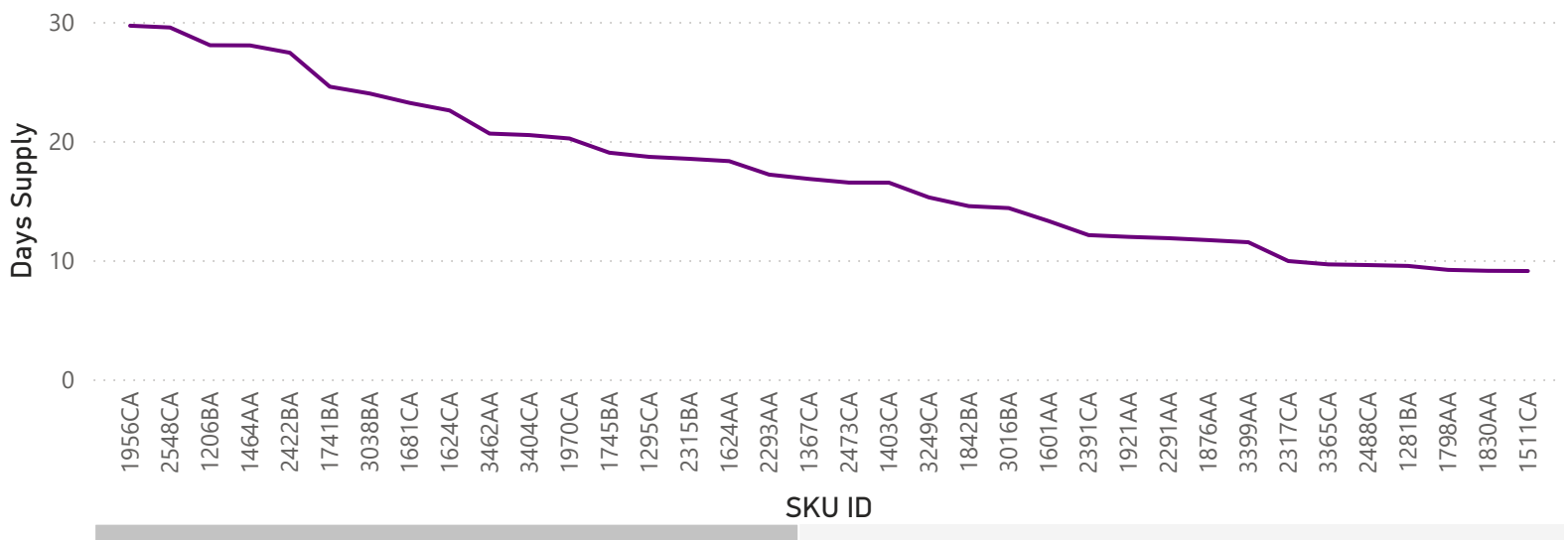
2022	2023
Out of Stock	Running out of...

Days Supply	Number of Days	Daily Sales Rate	Running Out Of...	Avg Days Of...
780.16	500	11.49K	75	10.40

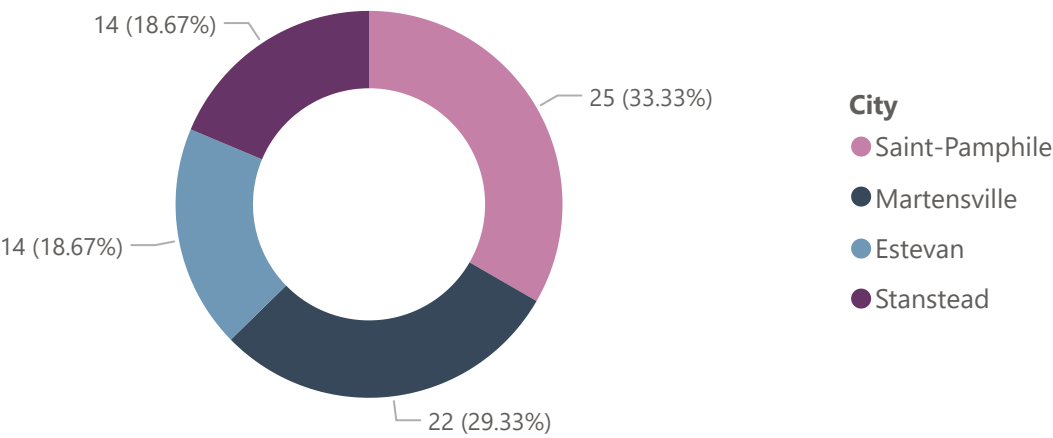
Running Out of Stock



Days Supply by SKU ID



Running Out Of Stock by City



Overstock Inventory Details

SKU ID	Vendor Name	Warehouse ID	Current Inventory Quantity	Stock Category	Days Supply
1161AA	Kinray Ltd	AXW291	197.00	Running out of Stock	10
1161AA	Kinray Ltd	FLR025	197.00	Running out of Stock	10
1161AA	Kinray Ltd	GUT930	197.00	Running out of Stock	10
1161AA	Kinray Ltd	NXH382	197.00	Running out of Stock	10
1206BA	Apotex Corp	AXW291	786.00	Running out of Stock	28
1206BA	Apotex Corp	FLR025	786.00	Running out of Stock	28
1206BA	Apotex Corp	GUT930	786.00	Running out of Stock	28
Total			191,265.96		780

# Out of Stock

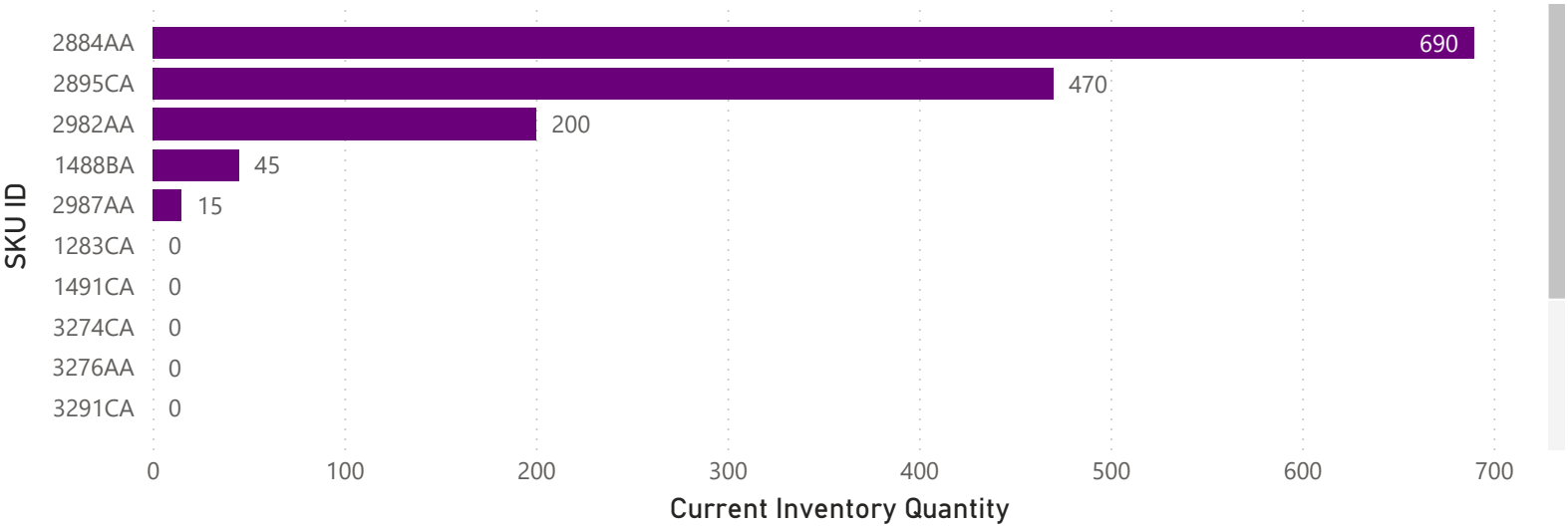
2022	2023
Out of Stock	Running out of...

Number of Days	Daily Sales Rate	Out Of Stock	Avg Daily Sales	Days Supply
496	3.56	15	29.60K	0.00

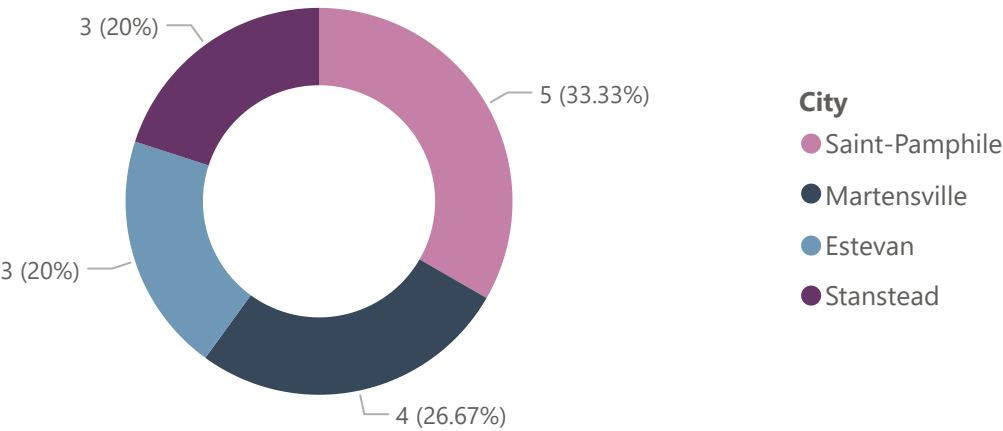
Out of Stock



Out of Stock & SKU ID by Current Inventory Quantity



Out Of Stock by City



Out of Stock Inventory Details

SKU ID	Vendor Name	Warehouse ID	Days Supply	Out Of Stock	Stock Status	Avg Days Of Supply
1283CA	Fullerton Corp	AXW291	0.00	1	Out of Stock	
1283CA	Fullerton Corp	FLR025	0.00	1	Out of Stock	
1283CA	Fullerton Corp	GUT930	0.00	1	Out of Stock	
1283CA	Fullerton Corp	NXH382	0.00	1	Out of Stock	
1488BA	Cixi Group	AXW291	0.00	1	Out of Stock	
1488BA	Cixi Group	FLR025	0.00	1	Out of Stock	
1488BA	Cixi Group	GUT930	0.00	1	Out of Stock	
Total			0.00	15		

Stockout Rate Product Category Wise

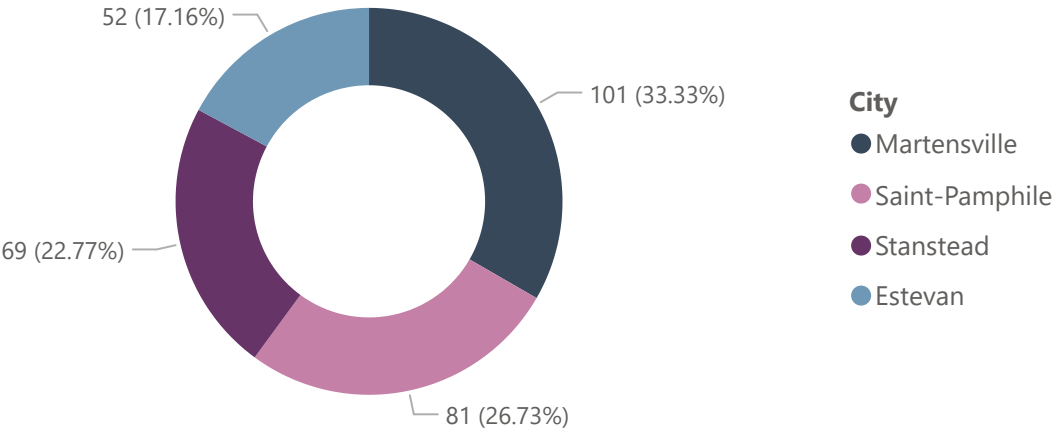
2022		2023
Distribut...	Export	Wholesale

TotalDays	TotalOutOfStock...	StockoutRateByC...	Product Category	StockoutDaysPer...
500	7.5K	15.00	303	209

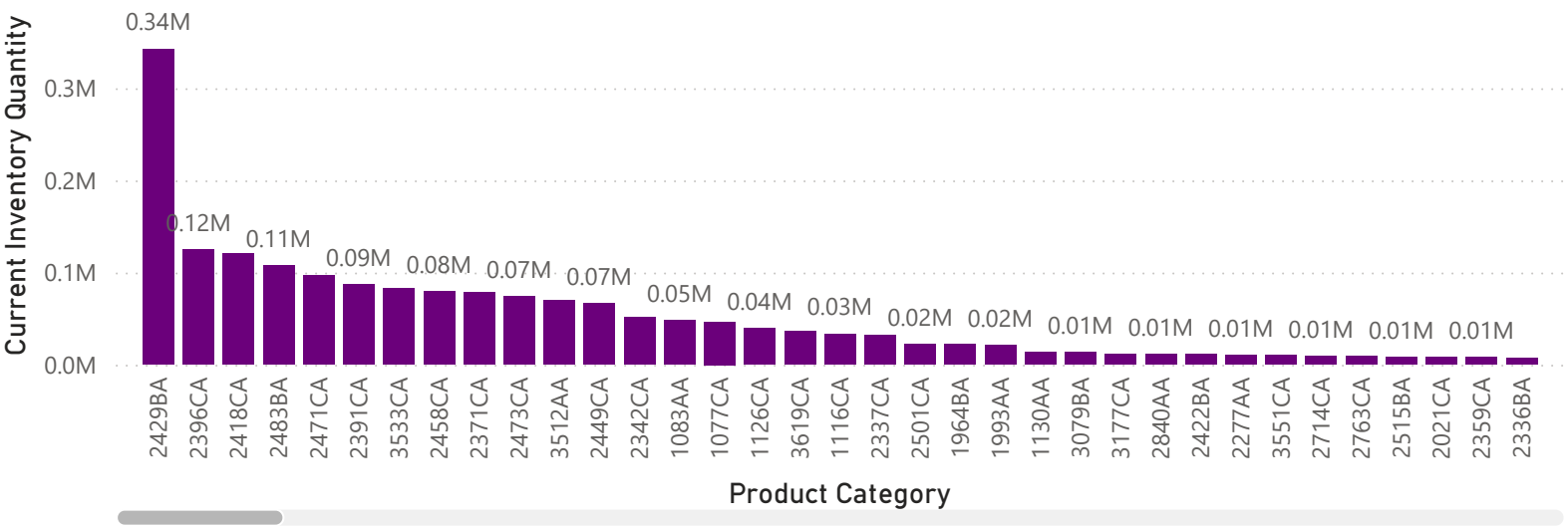
Product Category by Customer Type



Product Category by City



Current Inventory Quantity by Product Category



Product Category Stockout Analysis

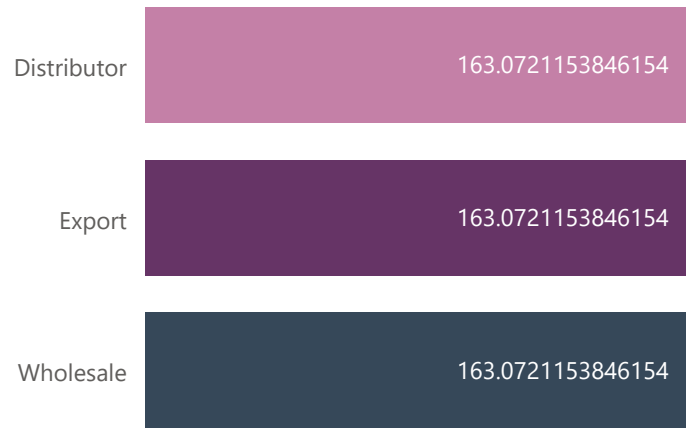
Product Category	StockoutDaysPerSKU	StockoutRatePerSKU	TotalOutOfStockDays	StockoutRateByCat
1009AA			0	
1077CA			0	
1083AA			0	
1116CA			0	
1126CA			0	
1130AA			0	
1145BA			0	
Total	209	0.42	7500	

# Stockout Rate

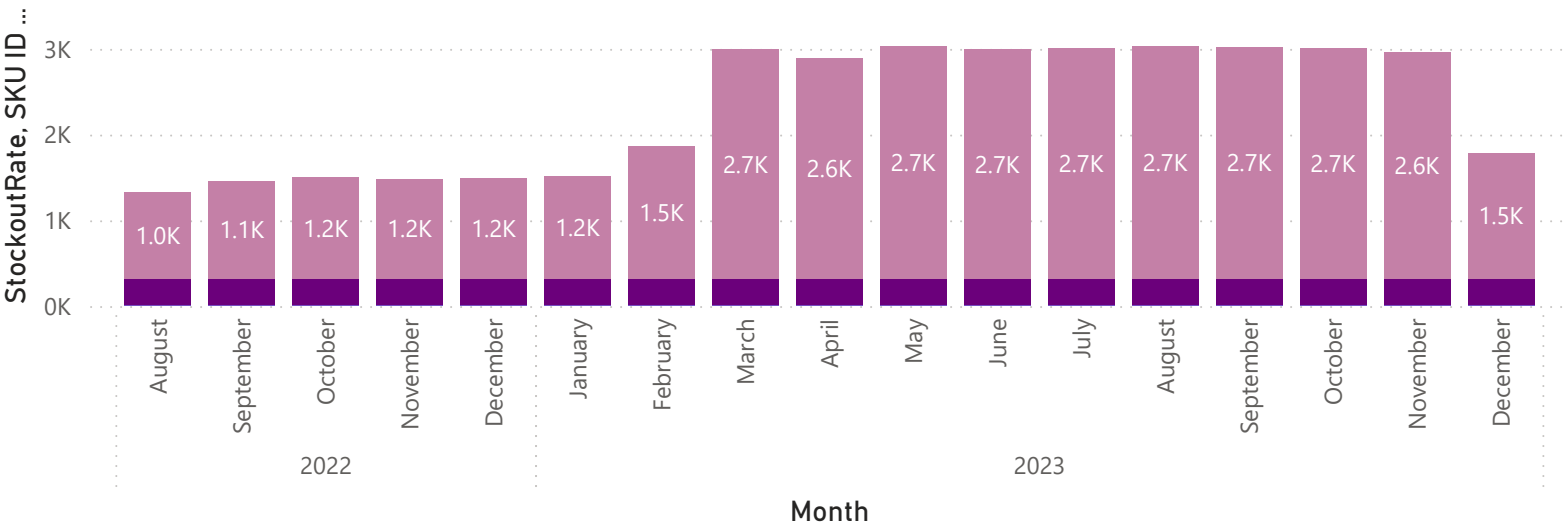
2022		2023
Distribut...	Export	Wholesale

TotalDays	TotalOutOfStock...	StockoutRateByC...	Product Category	Stockout Rate
500	7.5K	15.00	303	163.07

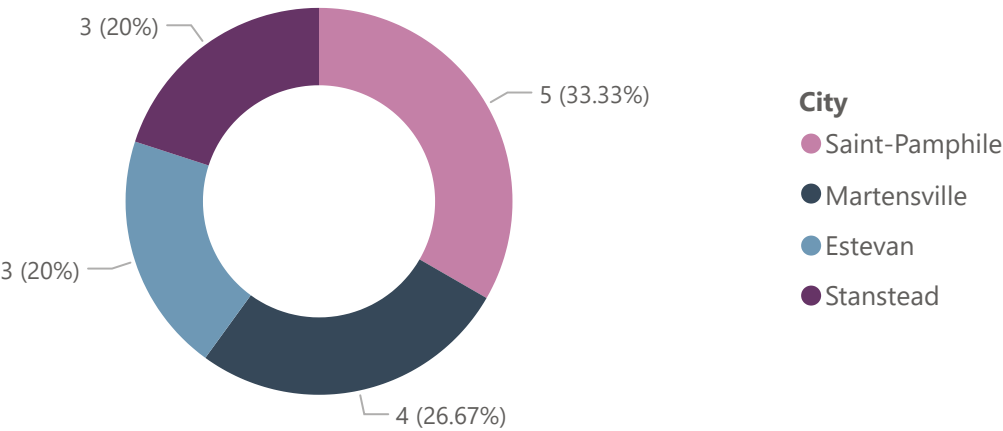
Product Category by Customer Type



StockoutRate, SKU ID and Count of Customer Type by Year and Month



StockoutRate by City



Product Category Stockout Analysis

Product Category	StockoutDaysPerSKU	StockoutRate	StockoutRatePerSKU	TotalOutOfStockDays	StockoutRate
1009AA		0.00		0	
1077CA		0.00		0	
1083AA		0.00		0	
1116CA		0.00		0	
1126CA		0.00		0	
1130AA		0.00		0	
1145BA		0.00		0	
Total	209	15.00	0.42	7500	

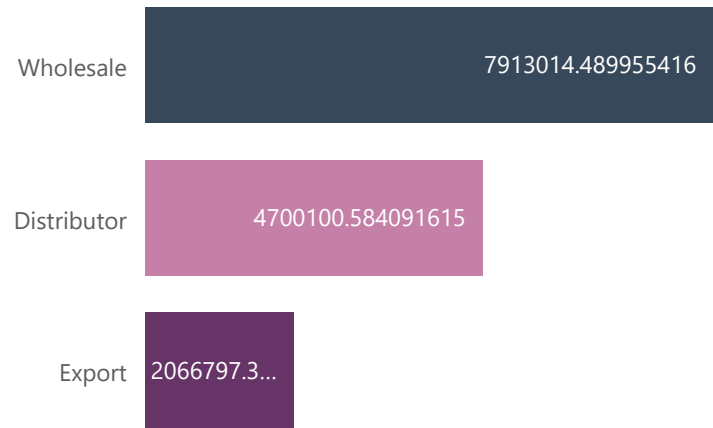


Sales from Top 20% Products

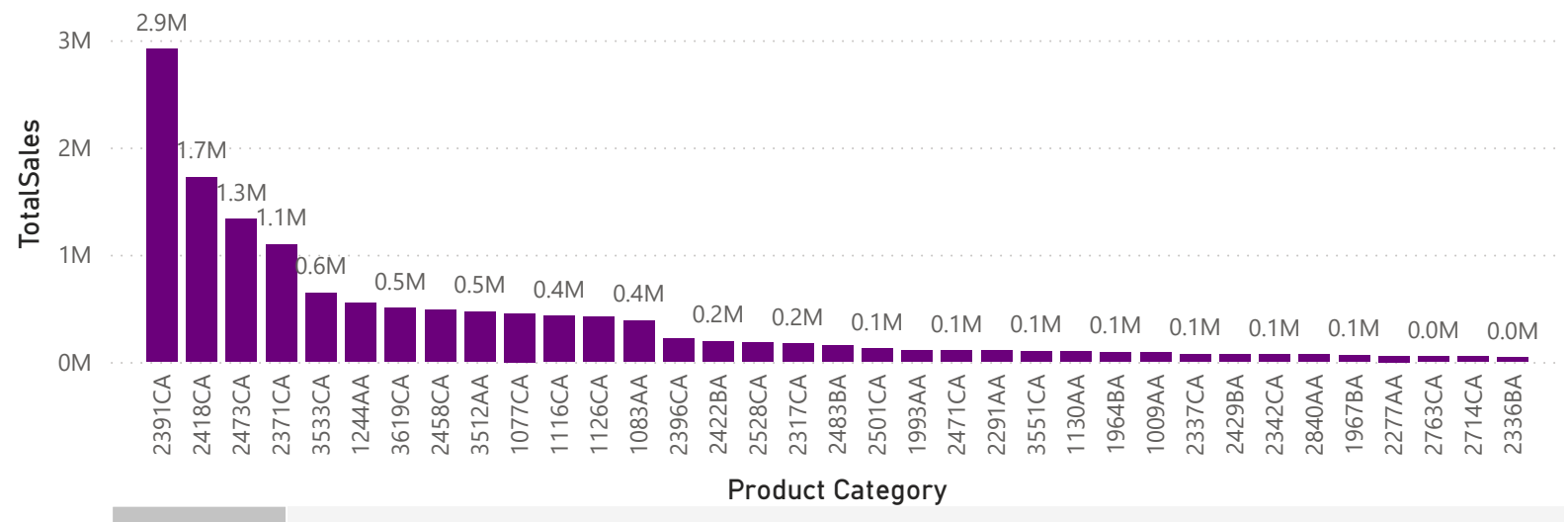
2022		2023
Distribut...	Export	Wholesale

Total Sales	Top 20 Percent...	Product Category	Selected Top...	TotalSalesPerSKU
14.68M	58	303	20	514M

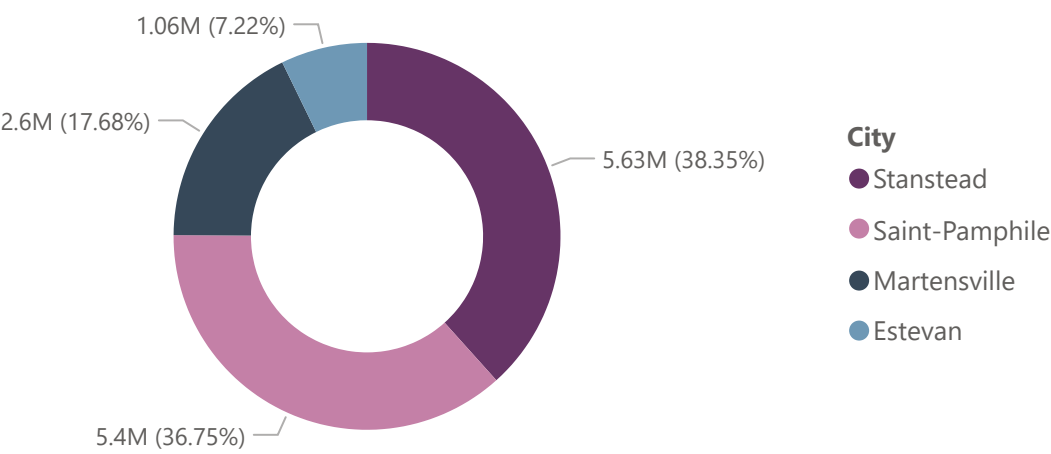
Product Category by Customer Type



TotalSales by Product Category



Total Sales by City



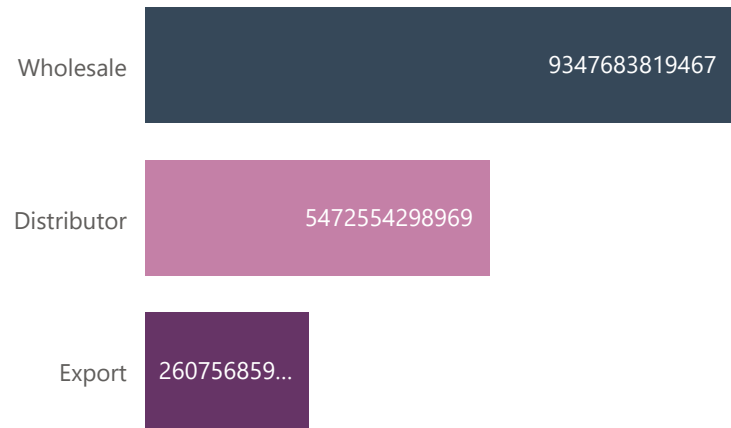
Detailed Product Category Information: Top 20% Products

Product Category	TotalSales	DynamicTopPercentThreshold	Total SKUs	Top20PercentRank	TotalS
1009AA	86,398.00	0	1	58	
1077CA	451,826.00	0	1	58	
1083AA	386,606.00	0	1	58	
1116CA	425,947.00	0	1	58	
1126CA	416,080.00	0	1	58	
1130AA	98,250.00	0	1	58	
1145BA	14,703.00	0	1	58	
Total	14,679,912.40	58	290	58	!

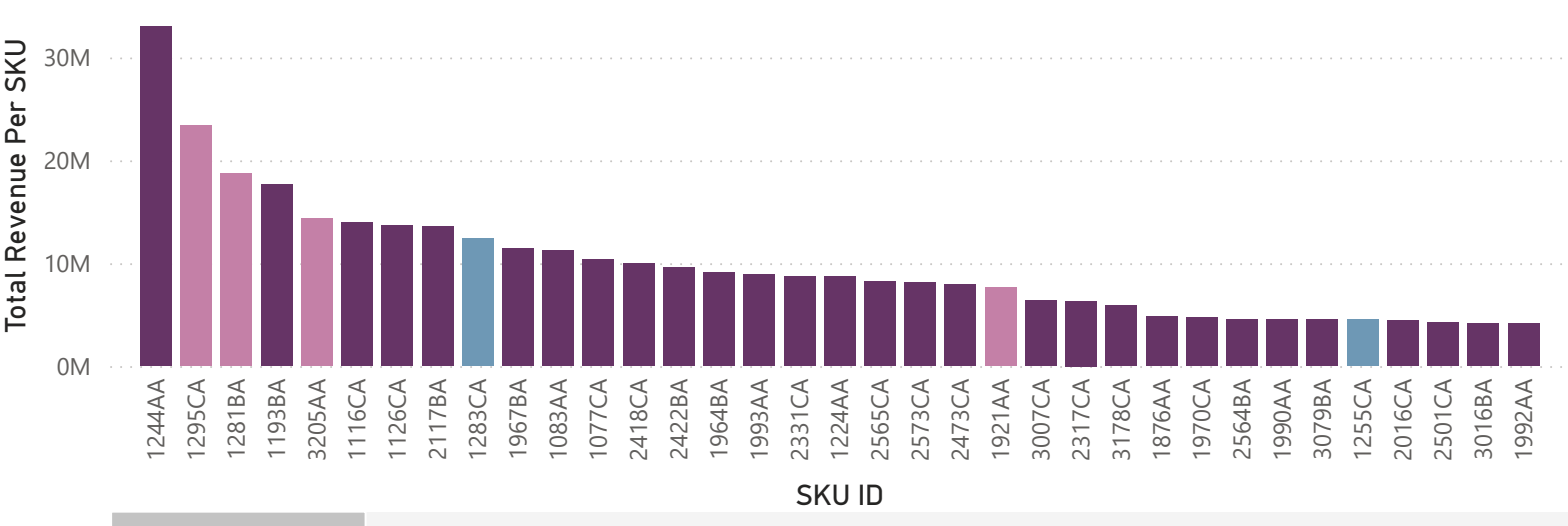
# Perform ABC Analysis

2022			2023		
A	B	C	Total Revenue Per SKU		ABC Category
			514M		33.919K
					Cumulative Revenue
					20.64K
					Cumulative Revenue Percentage
					11T
					Total Revenue
					17T

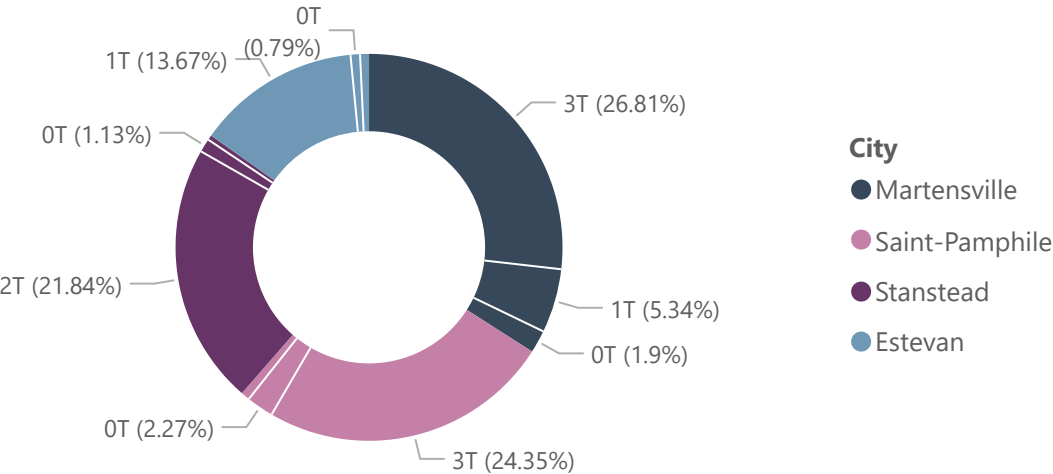
Total Revenue by Customer Type



Total Revenue Per SKU by SKU ID and ABC Category



Cumulative Revenue by City and ABC Category



SKU ID Details by ABC Classification

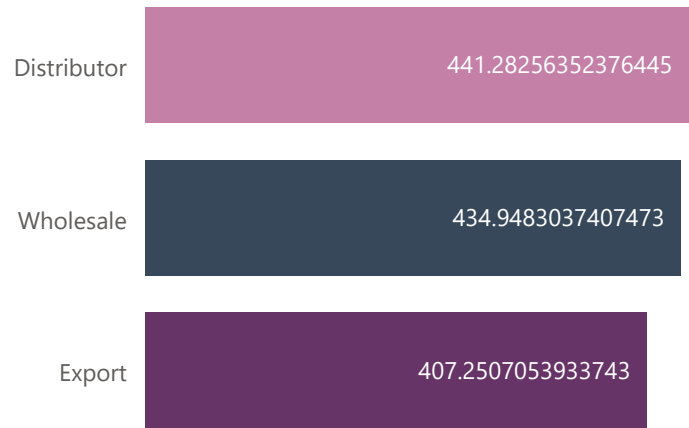
SKU ID	Total Revenue Per SKU	Cumulative Revenue	Cumulative Revenue Percentage	Total Revenue
1009AA	2485090	35493839076	69.08	1140650694
1077CA	10381922	10713449850	20.85	770709928
1083AA	11219305	14664684804	28.54	683362803
1116CA	13971060	8368617782	16.29	503530486
1126CA	13647424	9012774953	17.54	467564023
1130AA	1696402	23128957956	45.01	801538325
1145BA	1254179	25923059968	50.45	534358883
Total	513806619	10602784154569	20,635.75	174278067098

# Perform XYZ Analysis

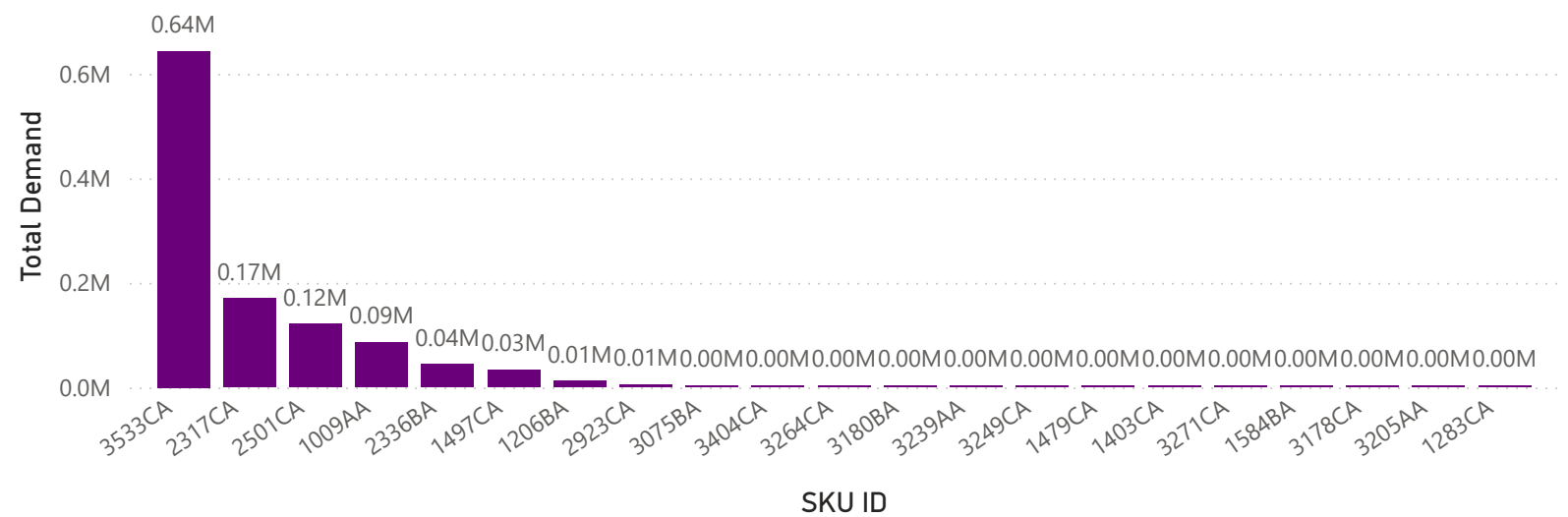
2022	2023
X	

Total Demand	Mean Demand	Std Dev Demand	Coefficient Of...	XYZ Category
14.68M	432.79	2.38K	5.51	33.919K

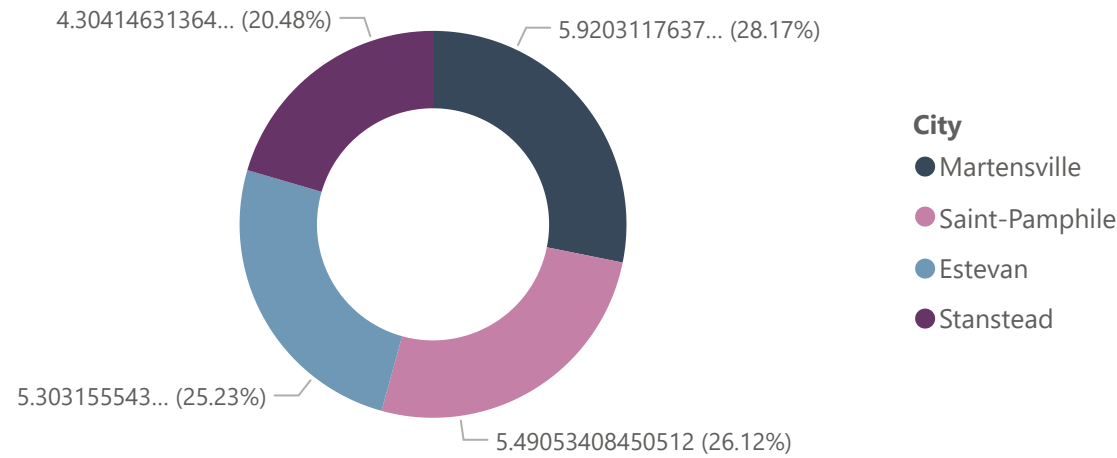
Mean Demand by Customer Type



Total Demand by SKU ID



Coefficient Of Variation by City



SKU ID Details by XYZ Classification

SKU ID	Total Demand	Mean Demand	Std Dev Demand	Coefficient Of Variation	XYZ Category
1009AA	86,398.00	389.18	746.28	1.92	222
1077CA	451,826.00	3,012.17	3,903.07	1.30	150
1083AA	386,606.00	2,906.81	2,952.76	1.02	133
1116CA	425,947.00	4,346.40	6,152.71	1.42	98
1126CA	416,080.00	4,572.31	6,026.72	1.32	91
1130AA	98,250.00	629.81	999.09	1.59	156
1145BA	14,703.00	141.38	372.69	2.64	104
Total	14,679,912.40	432.79	2,382.87	5.51	33919

Dynamic Control  
for Days

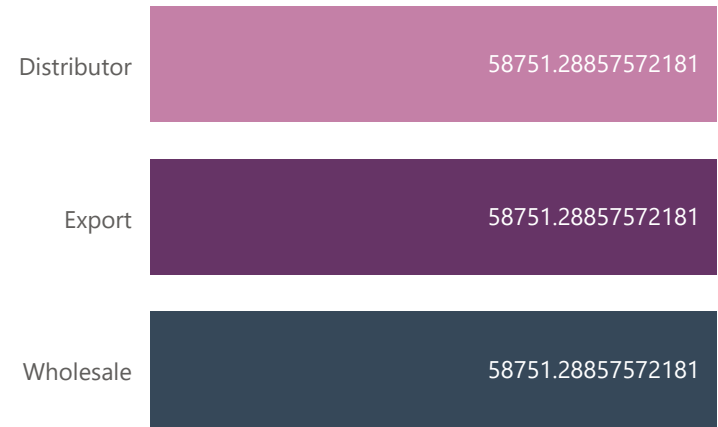
2022

2023

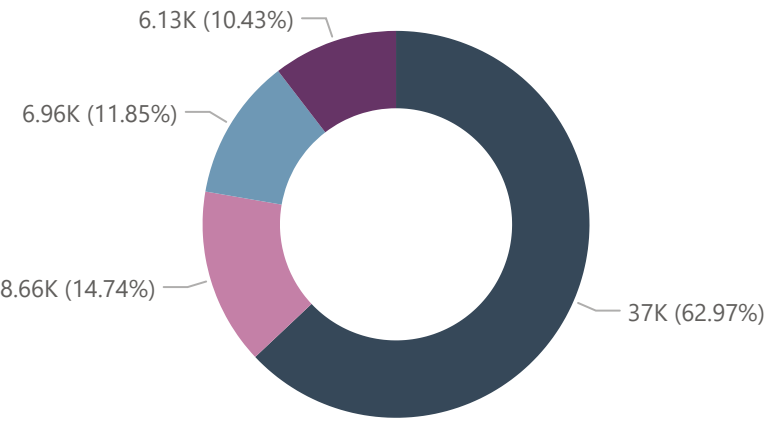
Over Stock Threshold

All

Days Supply by Customer Type



Days Supply by City



Avg Daily Sales

29.36K

Days Supply

58.75K

Total Over Stock...

42.71M

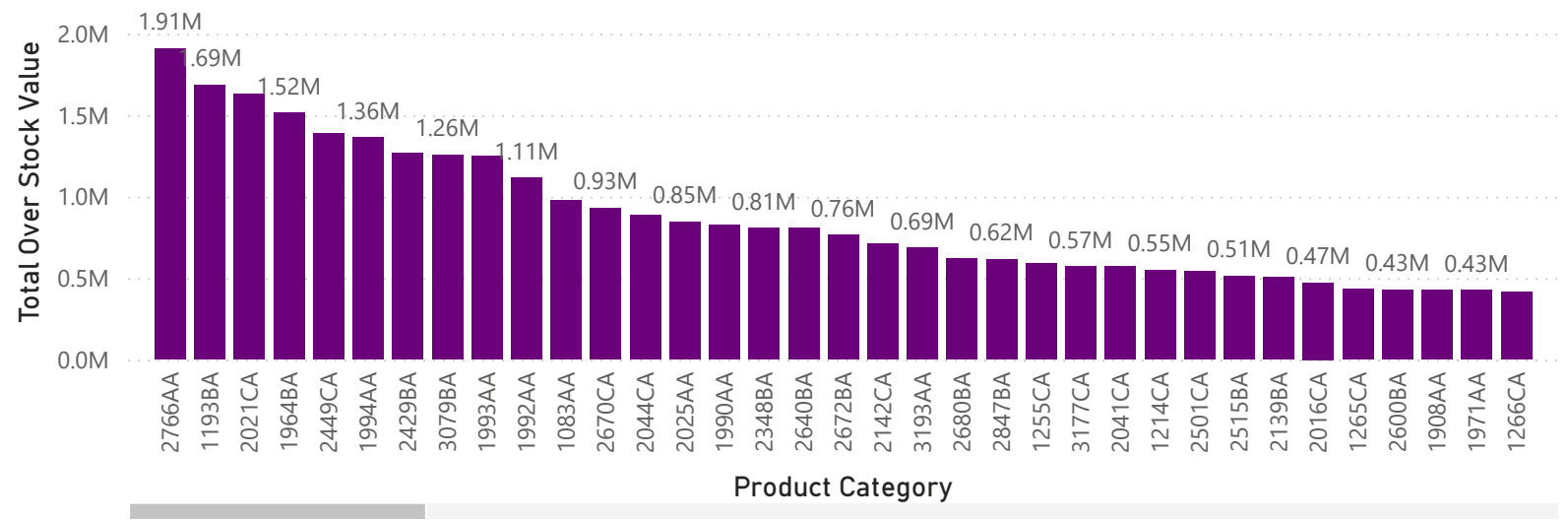
OverStock

168

Over Stock...

60

Total Over Stock Value by Product Category



Dynamic SKU Information (Over Stock) by Days

SKU ID	Total Over Stock Value	OverStockCount	Days Supply	Avg Daily Sales	Over Stock Threshold V
1009AA	42,706,809.90	168	58,751.29	173.14	
1077CA	42,706,809.90	168	58,751.29	909.11	
1083AA	42,706,809.90	168	58,751.29	790.61	
1116CA	42,706,809.90	168	58,751.29	948.66	
1126CA	42,706,809.90	168	58,751.29	863.24	
1130AA	42,706,809.90	168	58,751.29	197.69	
1145BA	42,706,809.90	168	58,751.29	30.01	
Total	42,706,809.90	168	58,751.29	29,359.82	

Supply Chain: Inventory Analytics for Smarter Stock Management

2022

2023

Over Stock Threshold

All

Overstock Count

168

In Stock

45

Running Out Of...

90

Out Of Stock

15

StockoutRate

15.00

SalesFromTop20P...

514M

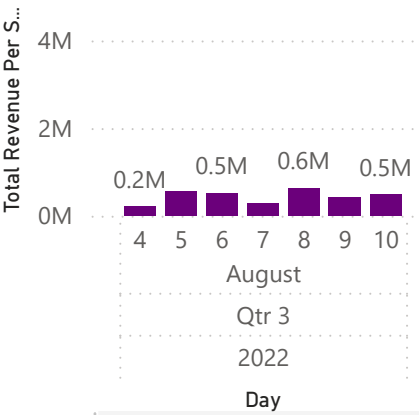
XYZ Category

1

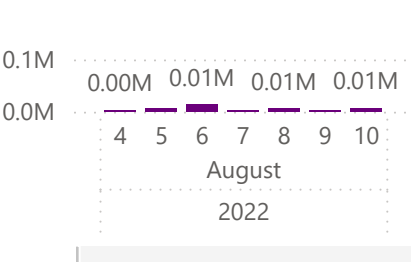
ABC Category

33.919K

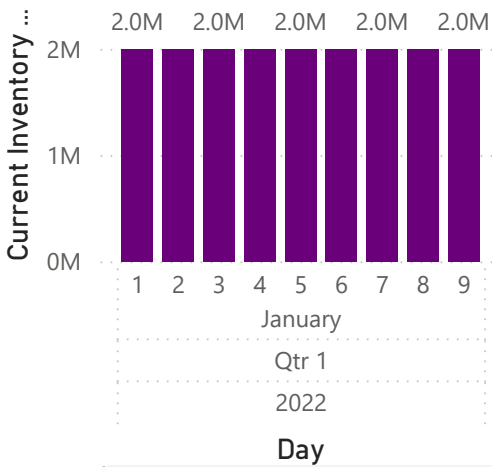
Total Revenue Per SKU by Year, Quarter, Month and Day



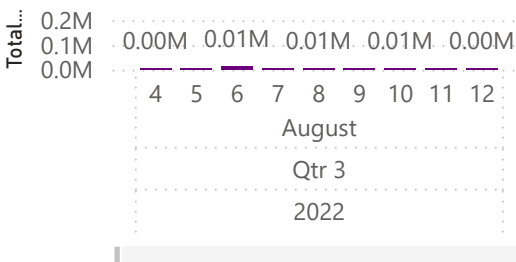
Total Demand by Year, Month and Day



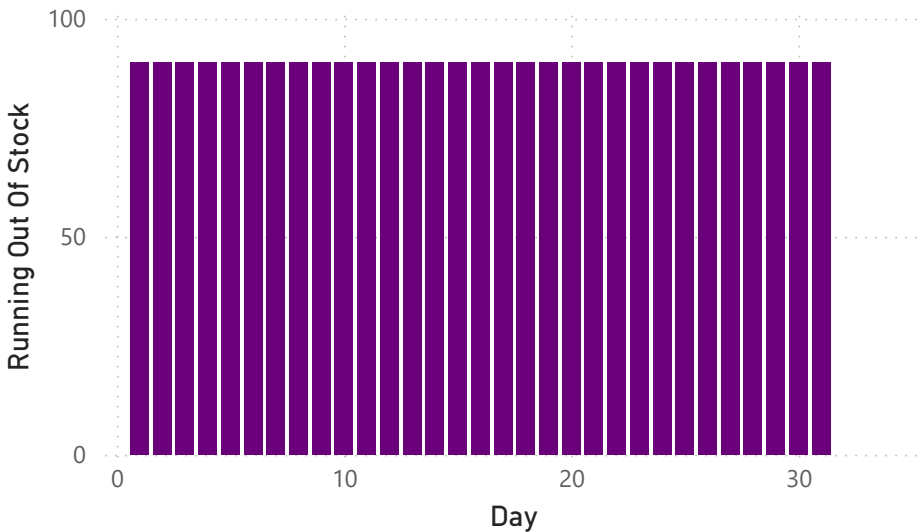
Current Inventory Quantity by Year, Quarter, Month and Day



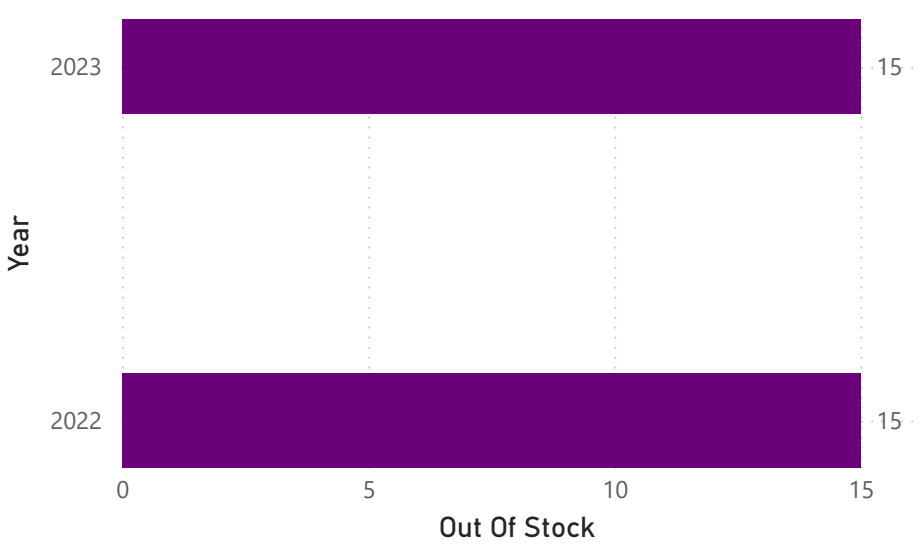
TotalSales by Year, Quarter, Month and Day



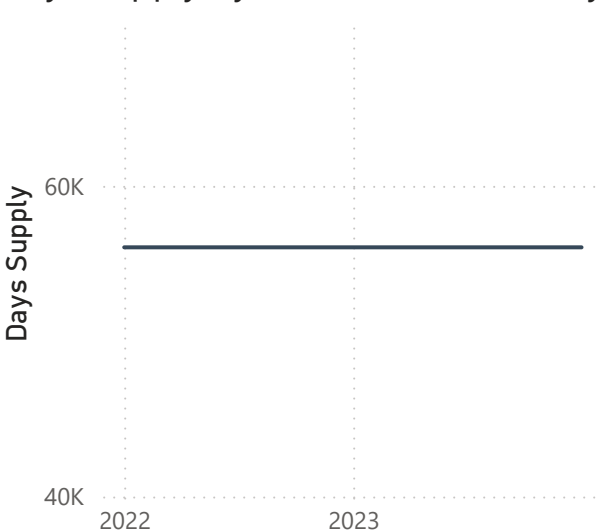
Running Out Of Stock by Day



Out of Stock & SKU ID by Current Inventory Quantity



Days Supply by Year, Month and Day



Days Supply by Day

