



# Purchasing x Inventory Dashboard

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*Prepared by: GROUP 1*





# Inventory Management

Inventory

Purchasing

Vendor

Price Tracking

Location

Tất cả

Category

Tất cả

Status

Tất cả

Source

Tất cả

In-Stock Product

428

Total Quantity

336 nghìn

Total Stock Value

\$28,18 triệu

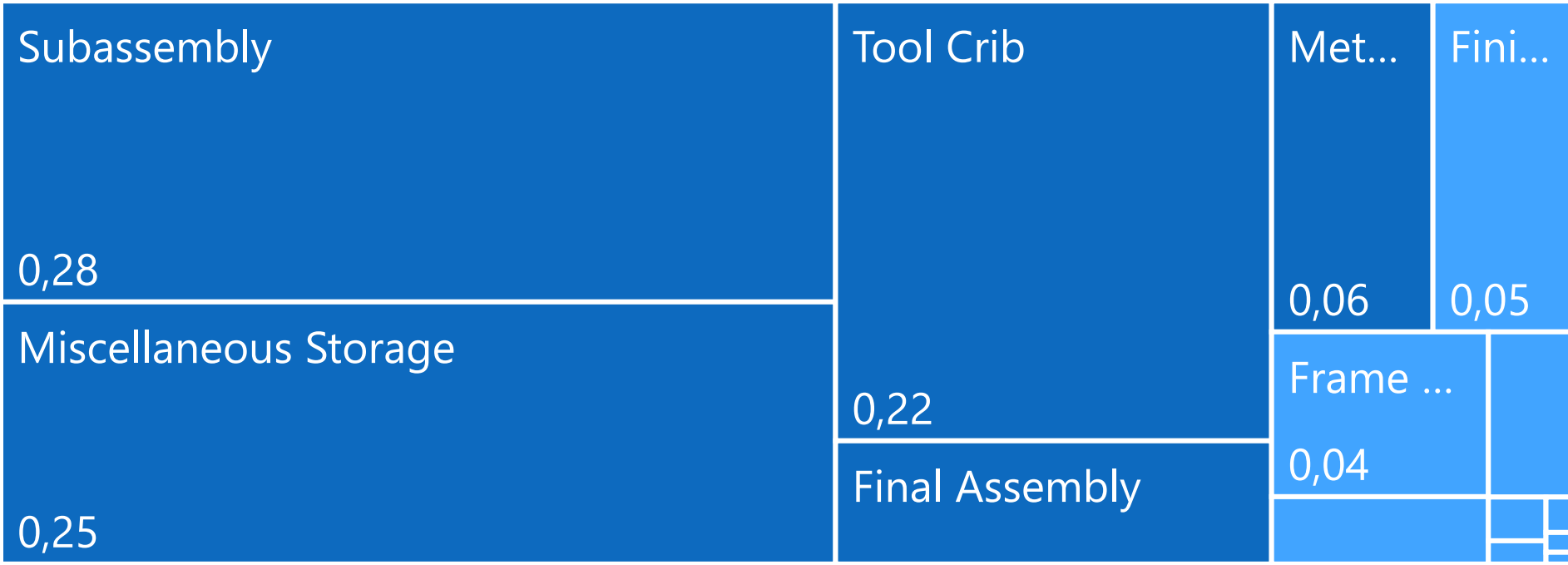
Critical Product

7

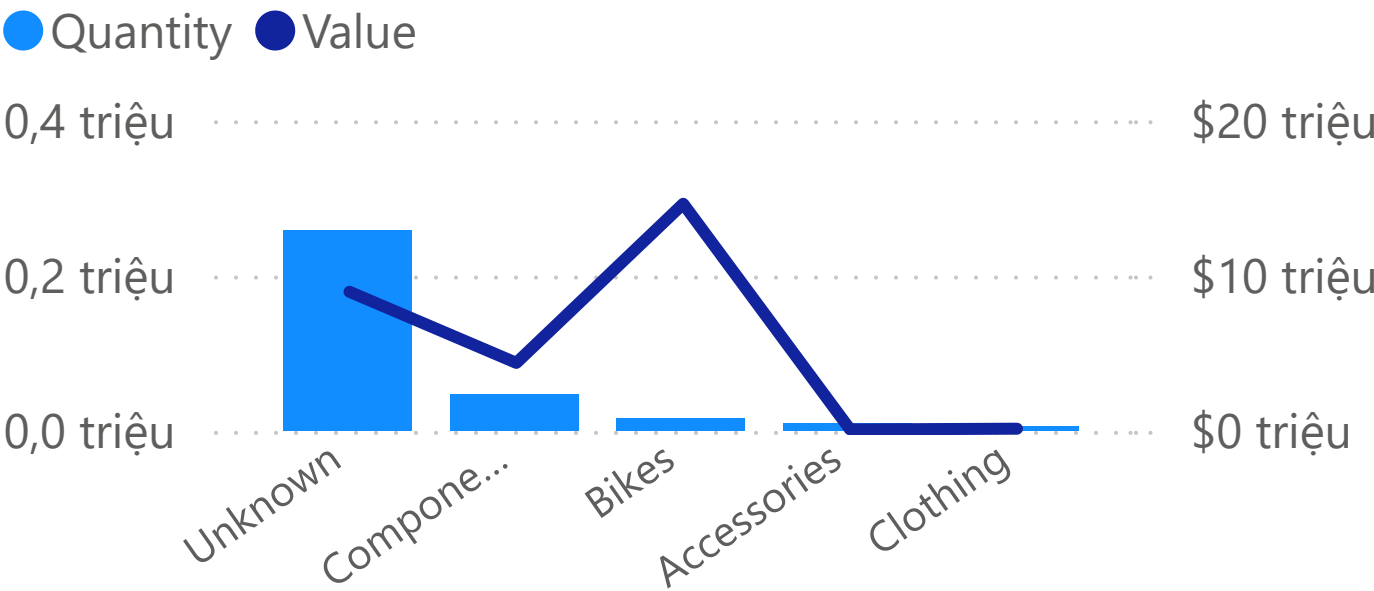
Product Out of Stock

4

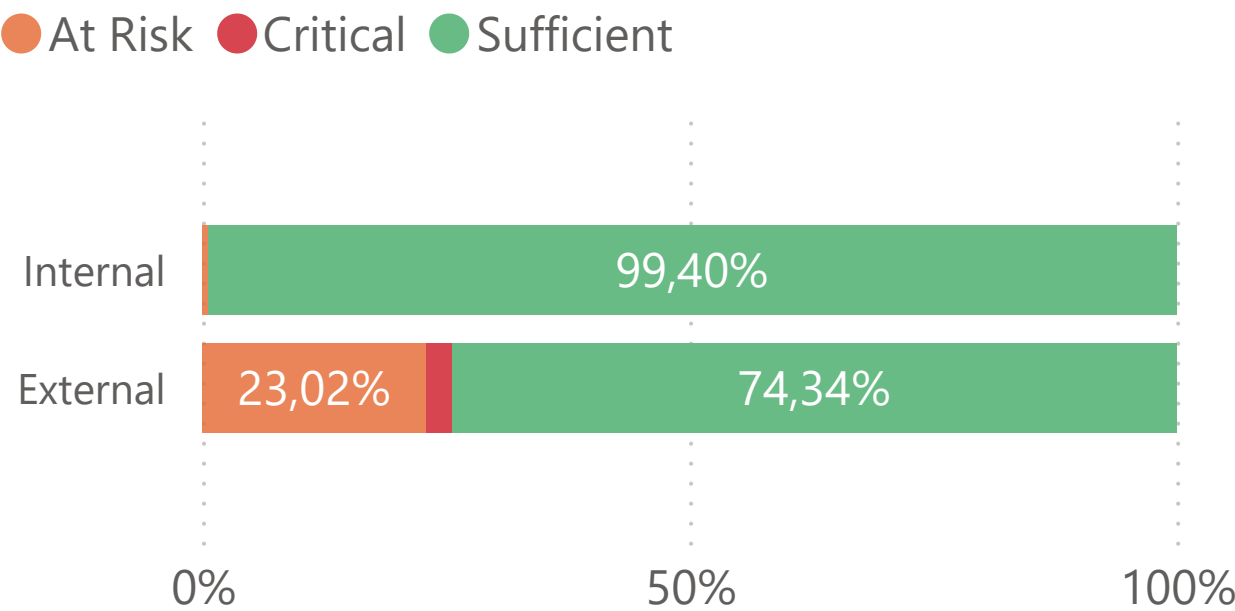
Inventory Distribution by Location



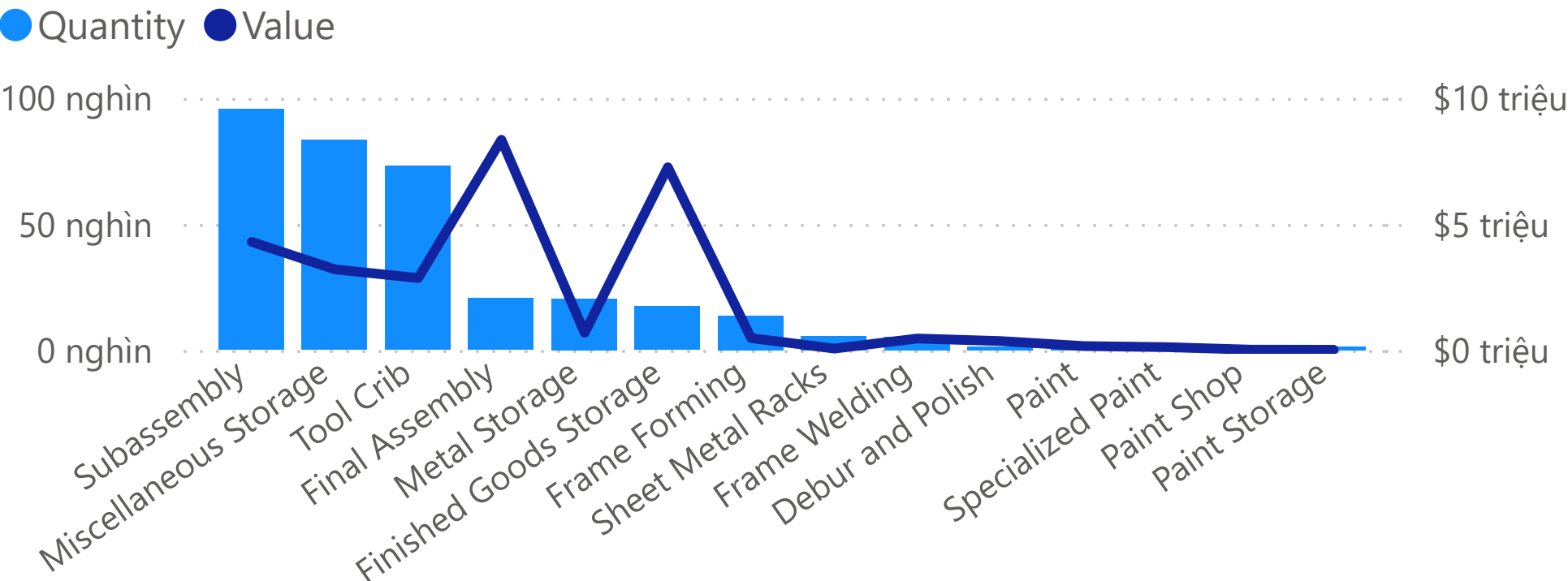
Stock Quantity and Value by Product Category



Stock Quantity by Product Status and Source



Stock Quantity and Value by Location



ProductName	Value	Quantity	ReorderPoint	SafetyStock	Status	Source
Cone-Shaped Race	\$40.846,7	970	750	1000	At Risk	External
External Lock Washer 3	\$43.065,9	981	750	1000	At Risk	External
External Lock Washer 4	\$42.022,7676	972	750	1000	At Risk	External
External Lock Washer 5	\$39.888,8	952	750	1000	At Risk	External
External Lock Washer 9	\$40.991,6358	963	750	1000	At Risk	External
Flat Washer 4	\$36.731,7288	936	750	1000	At Risk	External
Flat Washer 5	\$33.928,6463	911	750	1000	At Risk	External
Flat Washer 7	\$38.256,1158	926	750	1000	At Risk	External
Flat Washer 8	\$35.161,9968	896	750	1000	At Risk	External
Front Derailleur Cage	\$3.448,5	605	600	800	At Risk	External



# Purchasing Performance

Inventory

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Price Tracking

Year

Tất cả

Product Category

Tất cả

Ship Method

Tất cả

Total Purchase Orders

4012

PO Completed Rate

92,36%

Total Purchase Spending

\$71,22 triệu

Freight

4,81%

Tax

15,4%

AVG Purchase Spend

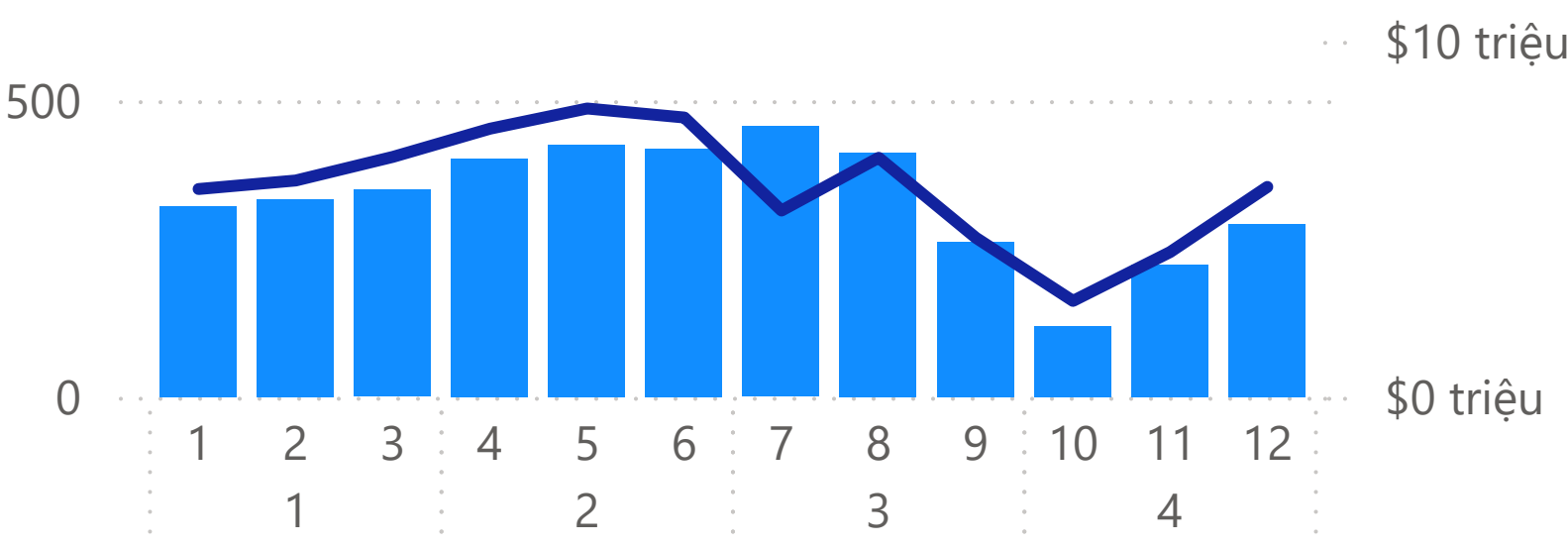
\$17,75 ng...

AVG Return Rate

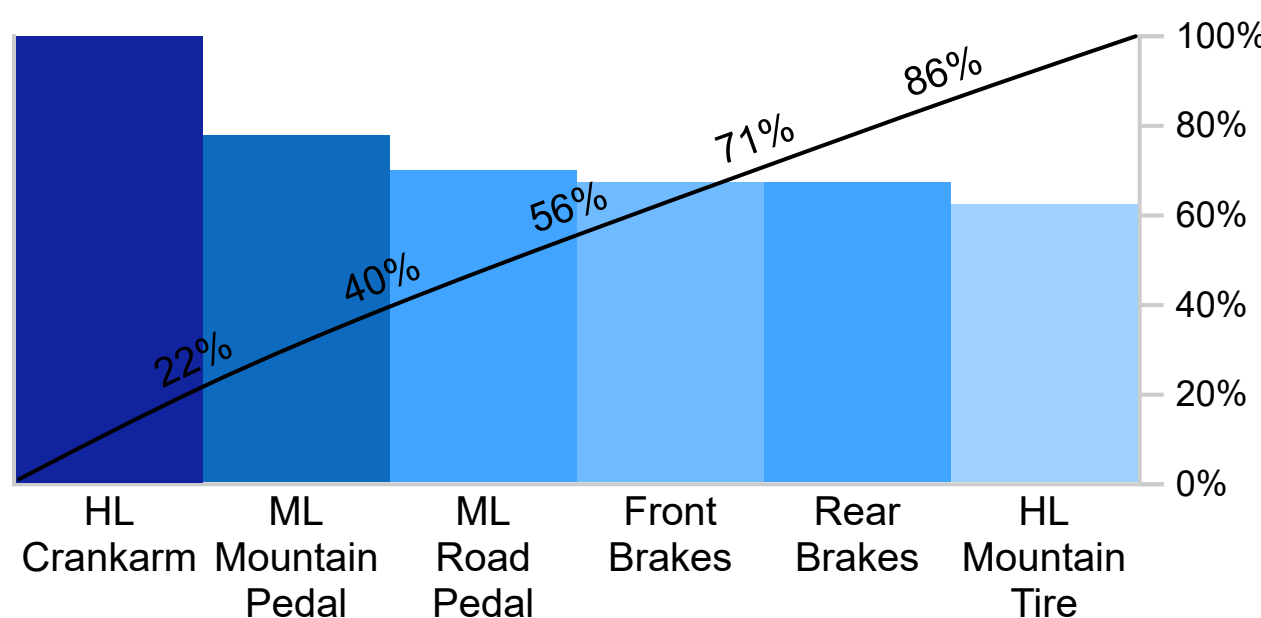
3,12%

Purchase Orders vs. Spending by Month and Quarter

Purchase Order Purchase Spend

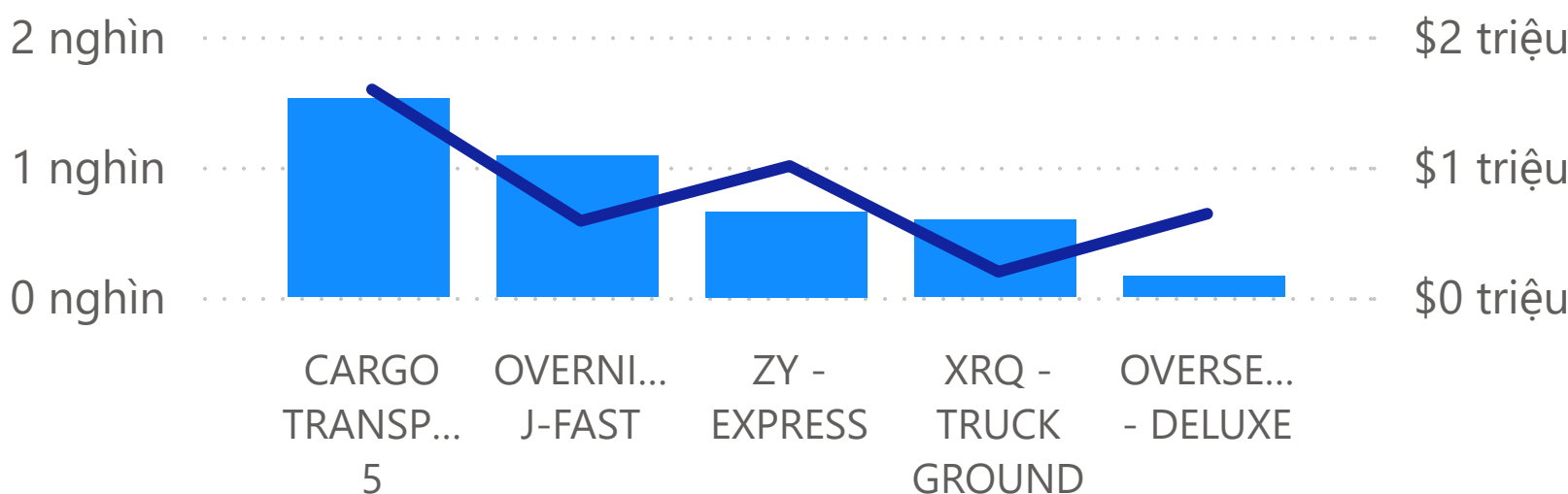


Top Products by Purchasing Spend



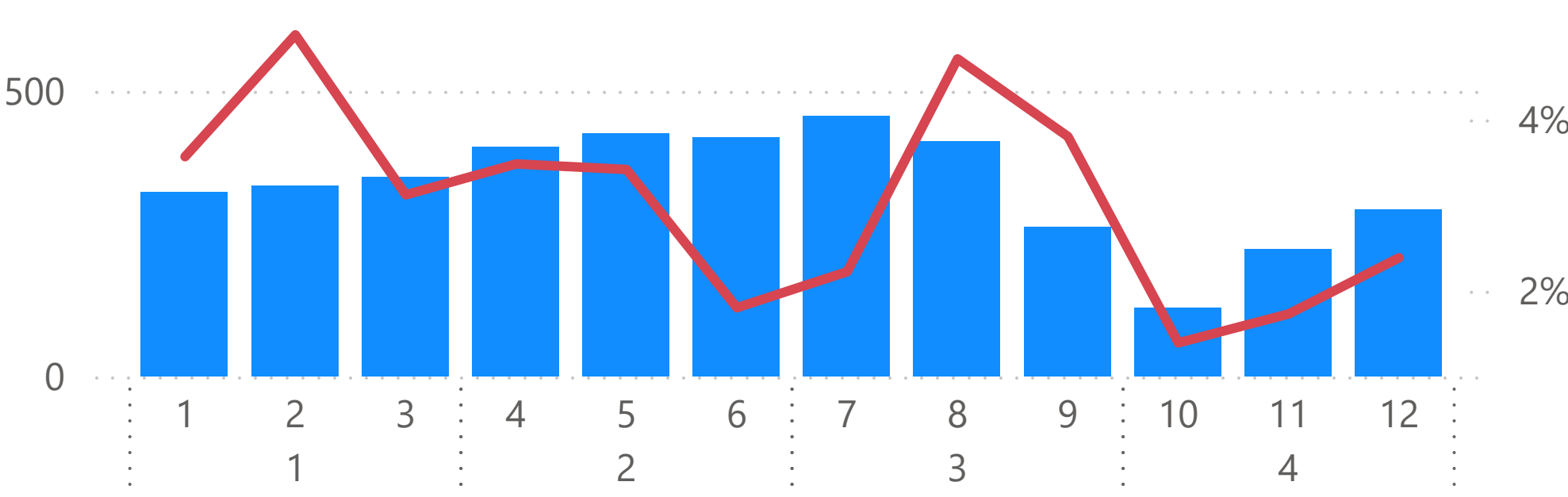
Purchase Order and Freight Cost by Ship Method

Purchase Order Freight Cost (\$)



How have Purchase Orders and Return Rates changed over time?

Purchase Order Return Rate (%)



Category	ProductName	Year	AvgLeadTime	ReturnRate	PreviousSpend	CurrentSpend
Unknown	Adjustable Race	2015	17,00		\$4.499	
Unknown	Bearing Ball	2015	19,00		\$3.891	
Components	Chain	2015	19,00		\$29.219	
Unknown	Chainring	2015	17,67		\$120.770	
Unknown	Chainring Bolts	2015	17,67		\$20.255	
Unknown	Chainring Nut	2015	17,67		\$19.257	
Unknown	Cone-Shaped Race	2015	16,00		\$4.104	
Tổng			19,45	3,12%	\$71.217.893	





# Supplier Management

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Vendor

Tất cả

Product Category

Tất cả

Real Active Vendors

82

Purchase Amount

\$61,1 tr...

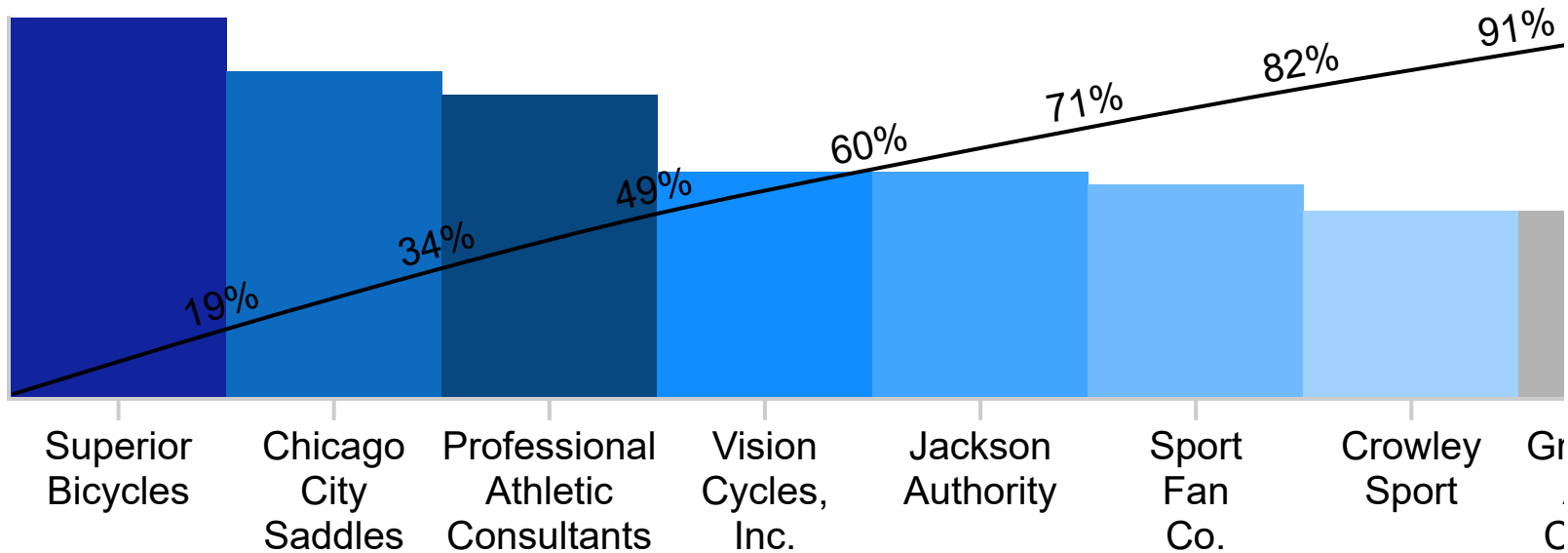
Avg Lead Time (days)

20

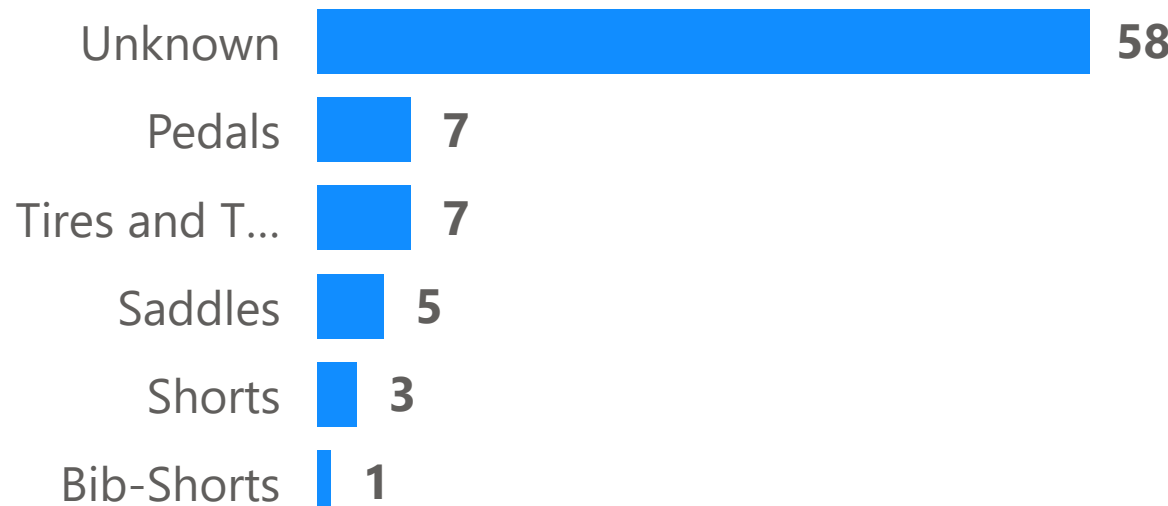
Return Rate (%)

3,10%

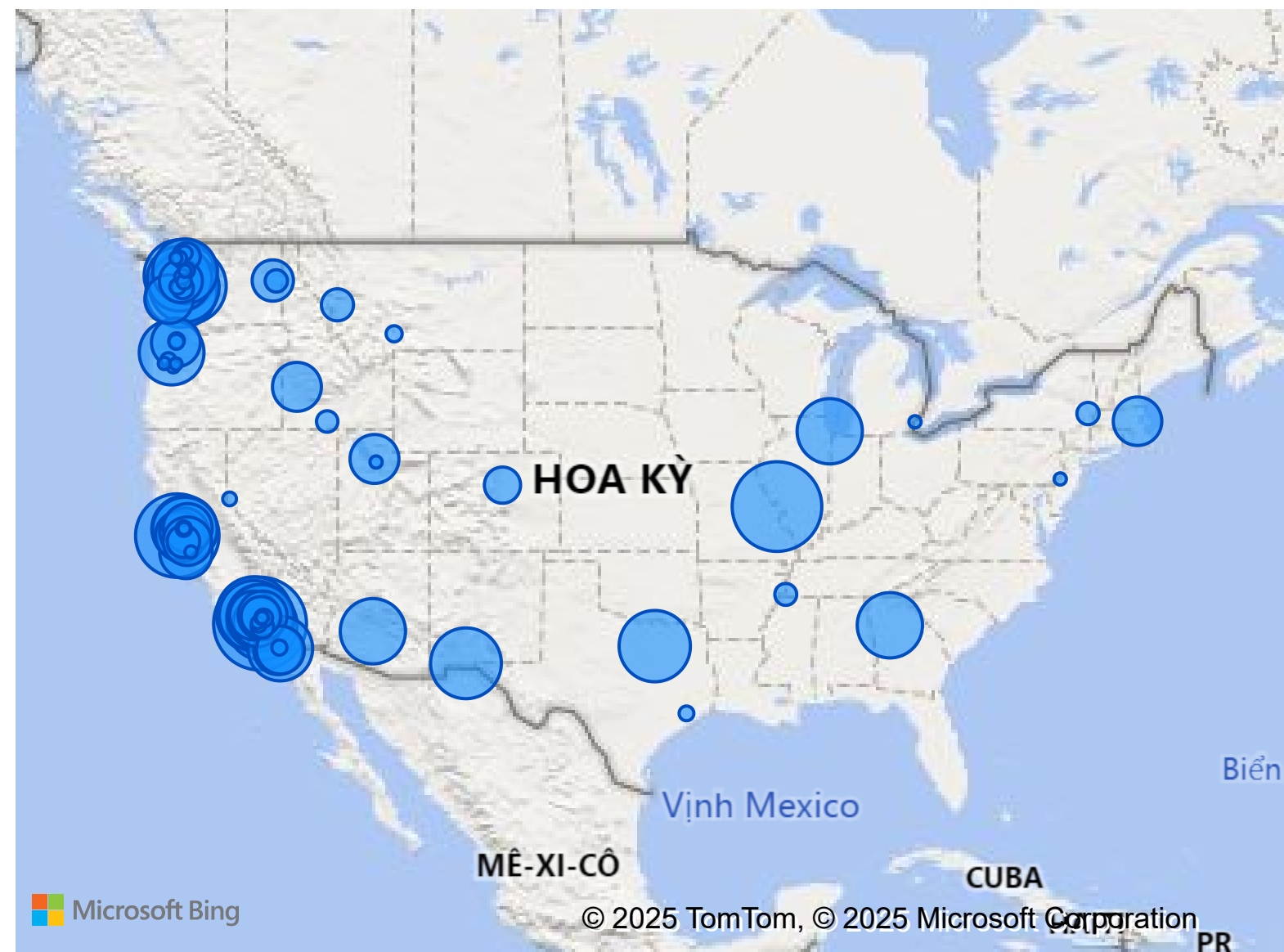
Top Vendors by Purchase Amount



Distribution Vendors By Sub Category

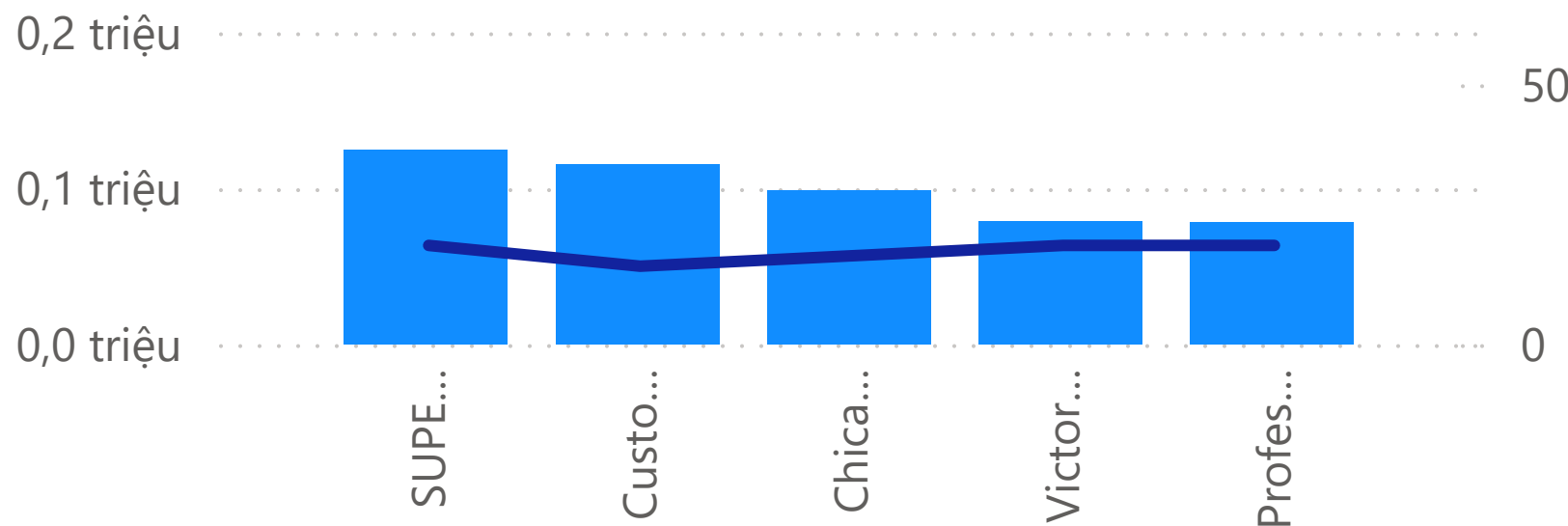


Vendor Distribution by Location



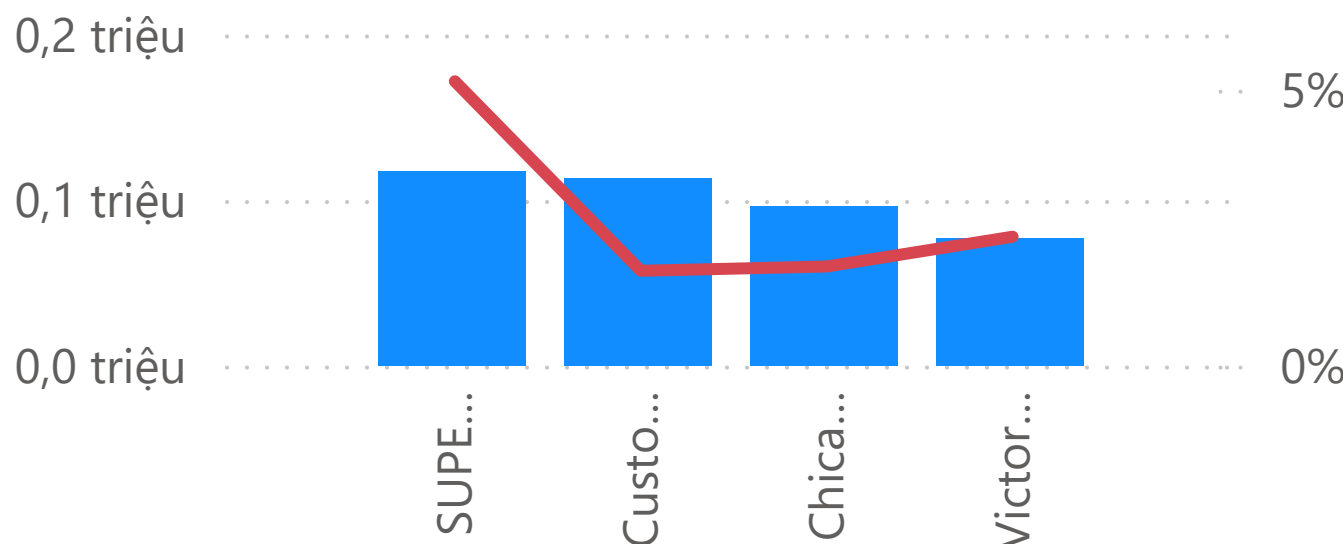
Order Quantity and Avg Lead Time by Vendor

PO Quantity Avg Lead Time



Stocked Quantity and Return Rate by Vendor

StockedQty Return Rate (%)



Vendor	2011	2012	2013	2014
Advanced Bicycles	6	36	267	288
Allenson Cycles	550	1650	9350	16500
American Bicycles and Wheels	3	9	51	90
American Bikes	550	1650	9350	16500
Anderson's Custom Bikes	550	1650	9350	16500
Tổng	12677	131039	718220	1344762



# Purchase Price Tracking

Inventory

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Price Tracking

Product Category

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Year

Tất cả

Unit Display

Tất cả

Average Standard Price

\$34,68

Average Last Receipt Cost

\$36,28

Average Cost Diff

1,65

Pct of YoY Cost Diff

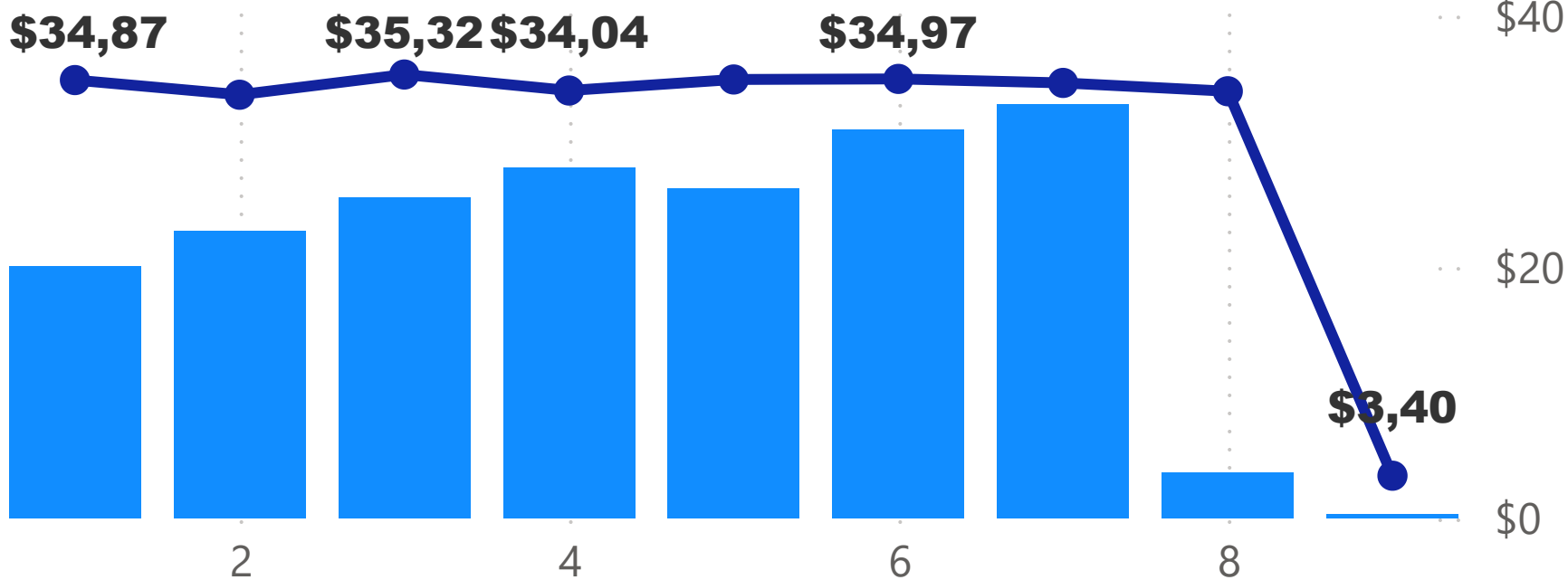
0,00%

Average Cost Diff By Vendor

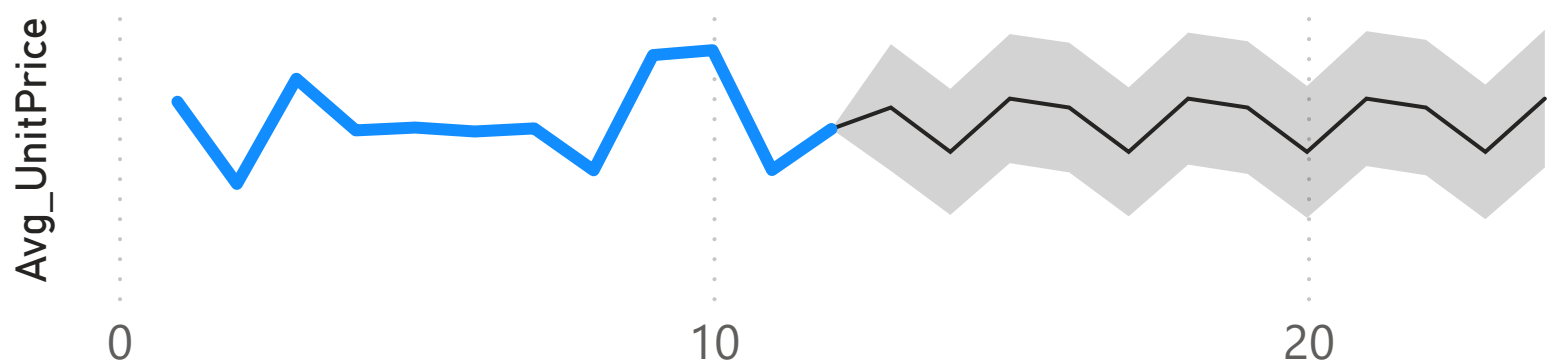
Superior Bicycles	3,94
Bicycle Specialists	3,00
Inline Accessories	3,00
American Bicycl...	2,72
Carlson Specialti...	2,60
Trey Research	2,59
Business Equip...	2,39
Litware, Inc.	2,39
Bloomington M...	2,32
International	2,27

Current Average Unit Price

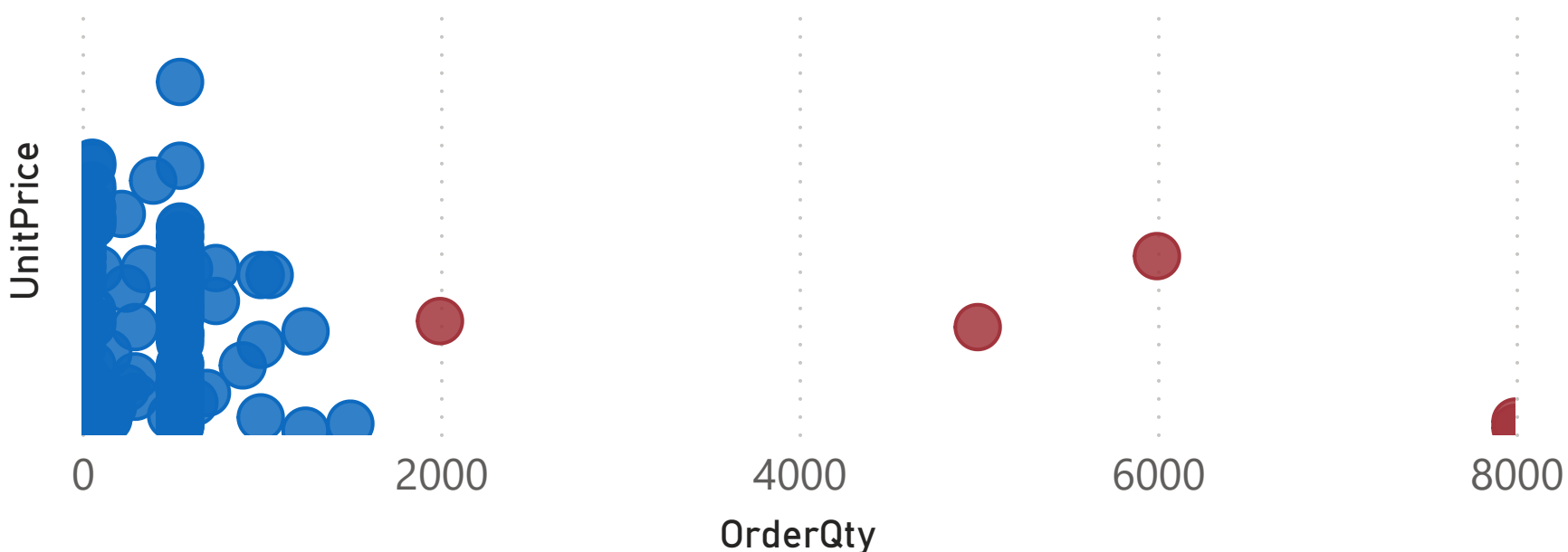
PO Quantity Avg UnitPrice



Prediction of Unit Price in Next Year



Order Quantity vs Unit Price Distribution



Comparison of Product Prices across Vendors

ProductName	Chicago City Saddles	Crowley Sport	Expert Bike Co	First Rate Bicycles	Greenwood Ath
ML Mountain Pedal		\$48,2895			
ML Road Pedal					
HL Road Tire					
HL Mountain Tire					
HL Mountain Seat/Saddle	\$40,9395				
HL Road Seat/Saddle	\$40,9395			\$40,9395	
HL Touring Seat/Saddle	\$40,9395		\$40,9395		
ML Road Tire					
Touring Tire					
Tổng	\$30,768	\$39,8895	\$30,8245	\$30,8245	