

North America
Supply Chain
Analysis

Total Customers

793

Total Orders

5K

Average Deliver Days

34.61

Return Rates

5.91%

Delivery Speed & Return Rate Analysis

What was the average delivery days for different product category?

Category	Average Delivery Days
Furniture	34.37
Office Supplies	34.55
Technology	35.08

What was the average delivery days for each segment?

Segment	Average Delivery Days
Consumer	34.26
Corporate	35.11
Home Office	34.76

Following industry standards ship modes - Same day Delivered within 24 hours,First class 1-3 business days,Second Class 3-5 business days,Standard Class 5-10 buisness days. Comparing the ship mode requested by the customers with the actual number of business days it took for items to be delivered

Ship Mode	Within 24 hours	1-3 business day delivery	3-5 business day delivery	5-10 business day delivery	>10 business day delivery	Total
Same Day	253	4			7	264
First Class	81	417	1		288	787
Second Class	160	324	188		292	964
Standard Class	648		1029	399	918	2994
Total	1142	745	1218	399	1505	5009

Product Delivery Speed

What was the average delivery days for different product category?

Product Name	Avg Delivery
Anker 24W Portable Micro USB Car Charger	Same day
Avery 482	Same day
Avery 484	Same day
Avery 5	Same day
Brother MFC-9340CDW LED All-In-One Printer, Copier Scanner	Same day
Canon Color ImageCLASS MF8580Cdw Wireless Laser All-In-One Printer, Copier, Scanner	Same day

Top 5 Fastest

Top 5 Slowest

32 products have average delivery time in a days which indicates they are the fastest delivery products and are delivered within 24hours.

The slowest delivery products takes between 182 to 214 days to reach their destination

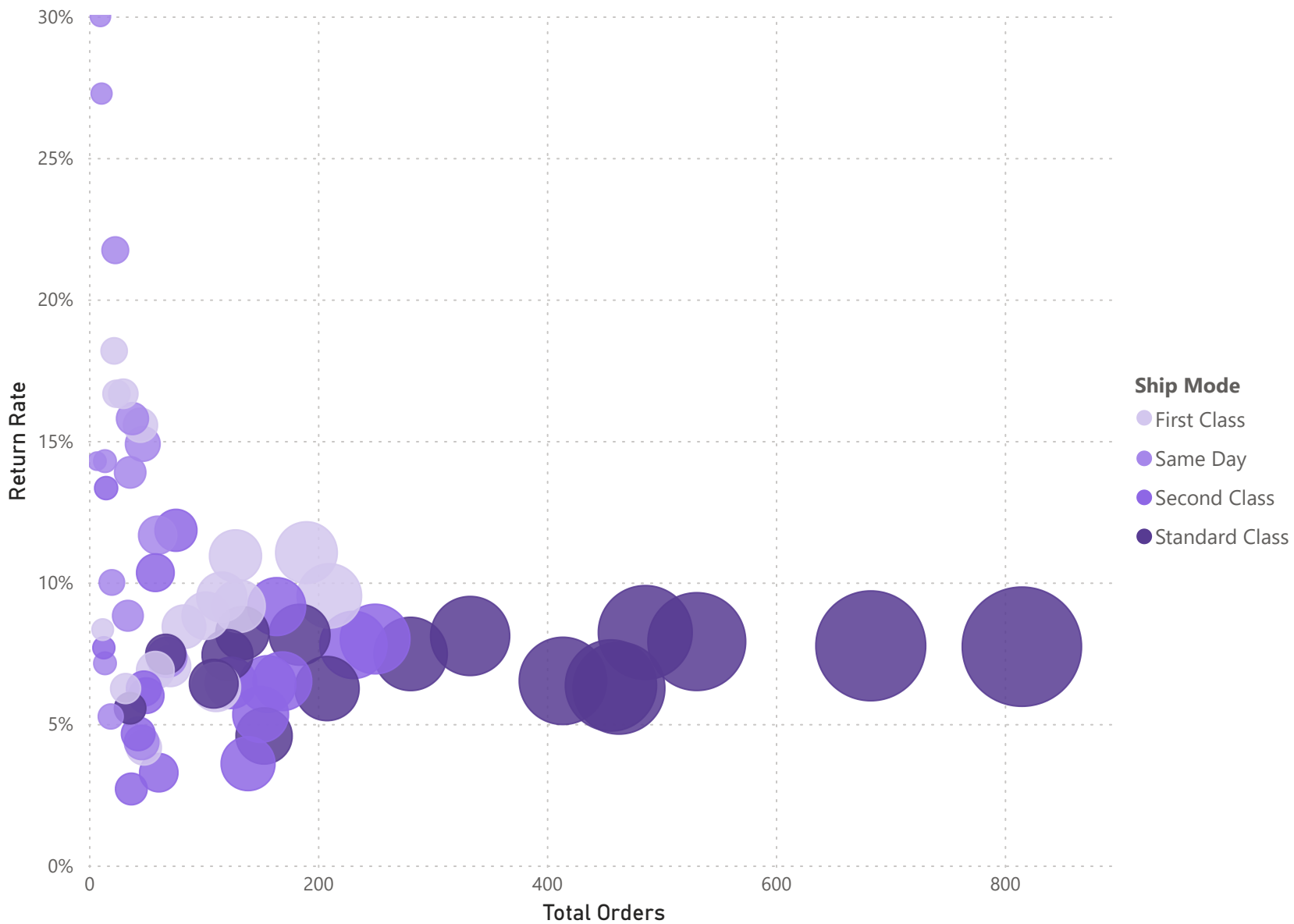
Ship mode with highest return or lowest return rate

Same Day	7.20%
First Class	6.86%
Second Class	5.71%
Standard Class	5.61%

Sales Person with highest return rate

Anna Andreadi	11.73%
Kelly Williams	3.32%
Chuck Magee	3.14%
Cassandra Bra...	2.92%

Correlation between ship mode and return rate



Clear all slicers

North America
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Total Sales

2.3M

1.3% ▲ vs PM

.0% ▼ vs PY

Total Quantity

37.9K

1.4% ▲ vs PM

.0% ▼ vs PY

Total Profit

442.5K

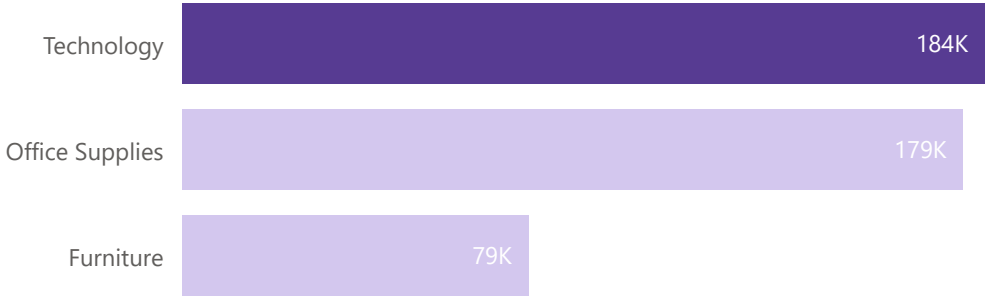
57.0% ▲ vs PM

54.5% ▲ vs PY

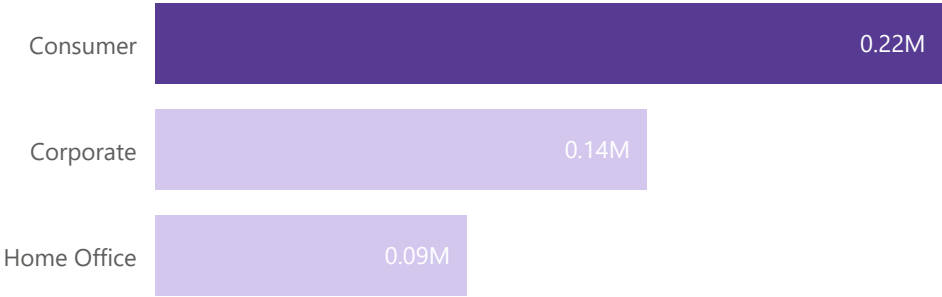
Total Loss

-156.1K

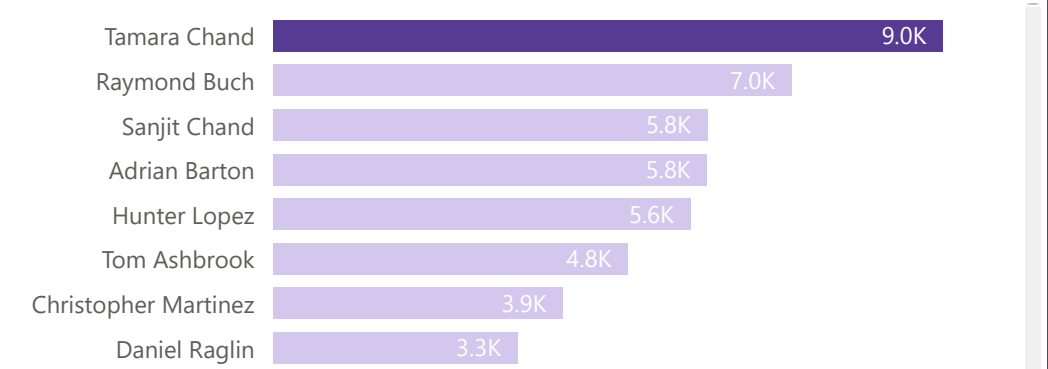
Which category has the highest Profit



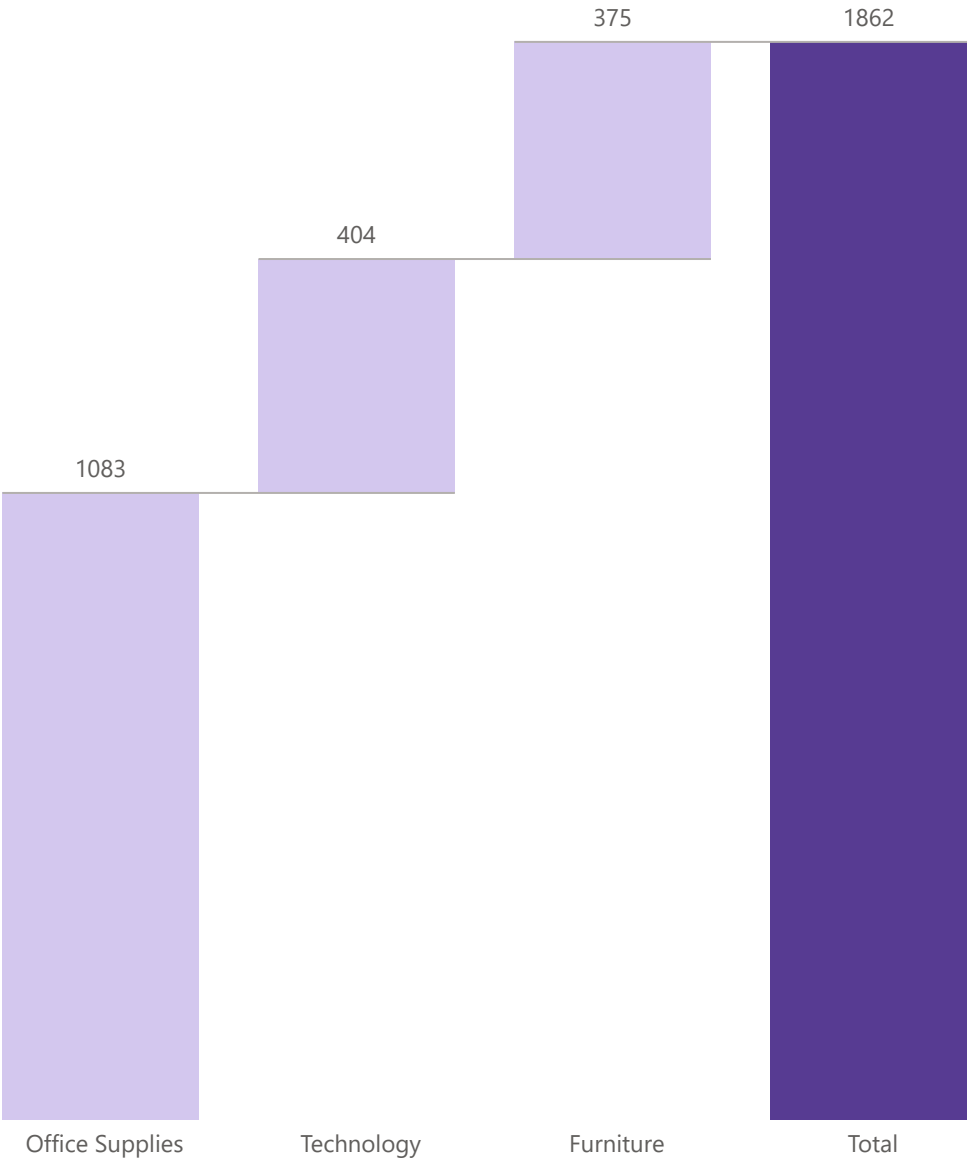
Which segment has the highest Profit



Which customer made the highest Profit



Total Products distributed by Category



Which City/State had the best retail supply chain management?

Determinant Factors

1. Average Delivery
2. Return Rate
3. Profit

Target/Threshold Assigned

1. Average Delivery = 34.61 (calculated Avg delivery)
2. Return Rate = 0
3. Profit Calculated Average Profit

Weight Assigned

1. Average Delivery = 0.5(50%)
2. Return Rate = 0.3(30%)
3. Profit 0.2(20%)

Efficiency % 0.5* Average Delivery Score + 0.3*

Return Rate Score + 0.2 Profit Score

For each factor satisfied a score of 1 is assigned or 0 when not satisfied

State	Efficiency
Alabama	70%
Arizona	70%
California	70%
Colorado	70%
Delaware	70%
Florida	70%
Georgia	70%
Idaho	70%
Illinois	70%
Indiana	70%
Kentucky	70%
Louisiana	70%
Maryland	70%
Massachusetts	70%
Michigan	70%
Minnesota	70%
Mississippi	70%
Missouri	70%
Montana	70%
Nebraska	70%
New Hampshire	70%
New Jersey	70%
New Mexico	70%
New York	70%
North Carolina	70%
Ohio	70%
Oklahoma	70%
Oregon	70%
Pennsylvania	70%
Rhode Island	70%

City	Efficiency
Bartlett	50%
La Quinta	50%
Lake Elsinore	50%
Pharr	50%
Redwood City	50%
San Luis Obispo	50%
York	50%
Albuquerque	70%
Amarillo	70%
Anaheim	70%
Apple Valley	70%
Atlanta	70%
Aurora	70%
Austin	70%
Bakersfield	70%
Bloomington	70%
Boise	70%
Bozeman	70%
Brentwood	70%
Camarillo	70%
Chandler	70%
Charlotte	70%
Chicago	70%
Chico	70%
Cleveland	70%
Colorado Springs	70%
Columbia	70%
Columbus	70%
Concord	70%
Costa Mesa	70%

Select Year

All

Select Category

All

Select Segment

All

Select Ship Mode

All

Select City & State

All

Clear all slicers