









Payment Method

Credit Card

Debit Card

Gift Card

PayPal

Shipping Method

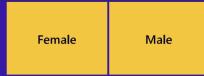
Express

Next-Day

Standard



50.52%
Return Rate



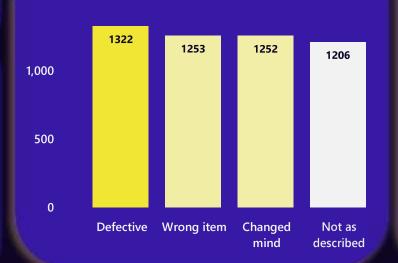
122.90

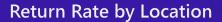
Avg Days took to Return

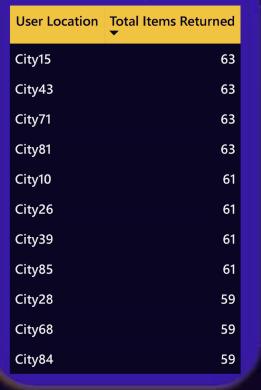
Clothing

High Risk Product Category

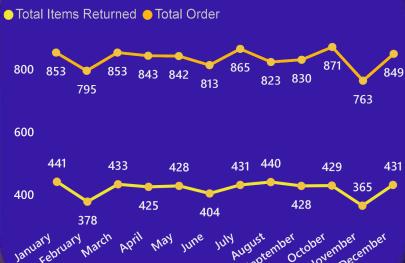
Top Return Reasons







Monthly Trends



Return Rate by Category











All

Payment Method

Credit Card

Debit Card

Gift Card

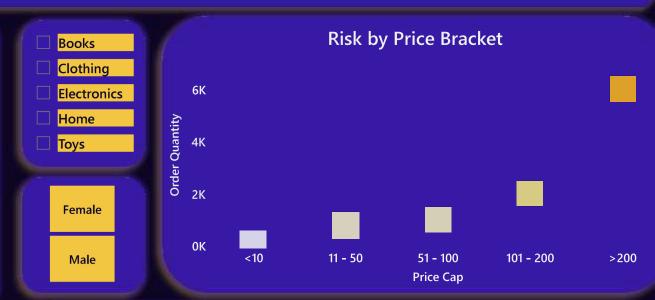
PayPal

Shipping Method

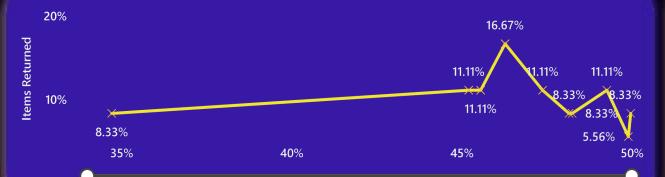
Express

Next-Day

Standard







Discount Applied



High-Risk Product Table

Product Category	Product Price	Return Probability		
Clothing	\$254.73363	52.45%		
Electronics	\$252.2187506297229	50.93%		
Books	\$249.6778784909358	50.66%		
Toys	\$255.5598611111111	49.54%		
Home	\$249.8377684729064	49.01%		
Total	\$252.369307	50.52%		













Price Cap

<10

>200

101 - 200

11 - 50

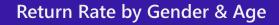
51 - 100

Shipping Method

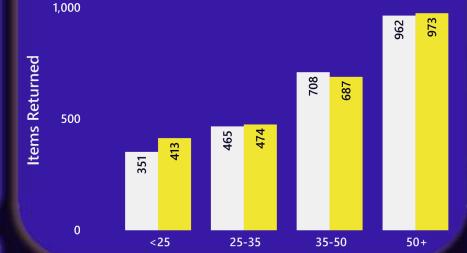
Express

Next-Day

Standard







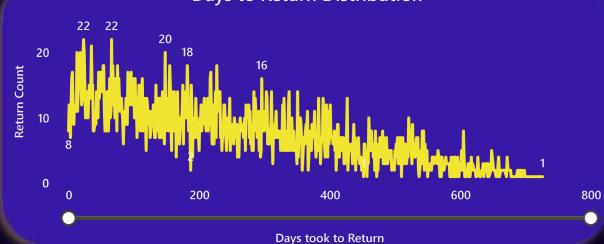
Payment Method & Return

Payment Method	Not Returned	Returned	Total
Credit Card	1224	1249	2473
Debit Card	1227	1283	2510
Gift Card	1228	1309	2537
PayPal	1269	1211	2480
Total	4948	5052	10000





Days to Return Distribution











<u>Top Return Reasons</u>: Majority of returns are due to **product issues or unmet expectations** rather than buyer remorse.

Return Rate by Category: Clothing, Books, and Electronics dominate returns — likely due to size mismatch, content dissatisfaction, or faults.

<u>Return Rate by Location</u>: Returns are regionally concentrated, suggesting **operational or logistic** bottlenecks.

<u>Risk by Price Brackets</u>: Mid-price range (\$11–\$50) has **disproportionately high return probability** — quality or expectation gaps may exist.

<u>Returned Items vs. Discount Applied</u>: Discounts likely drive impulsive buys that end in return — use with caution on certain categories.

Return Probability vs Quantity: Return probability is correlated with high-volume categories, especially Clothing.

<u>High-Risk Product Table</u>: High-priced items with above-average return probability must be reviewed for **product quality issues**.

Return Rate by Gender & Age Group: Users aged 50+ have the highest returns, with females slightly more likely to return across all age groups.

<u>Payment Method vs Returns</u>: Return rate is **fairly consistent across payment methods**, but **gift cards slightly lead** in return %.

Summary Insights

- **Clothing** is the top category for returns and high-risk products
- Returns are driven by **product quality issues**, not pricing alone
- *Mid-range discounts and prices are sweet spots for returns
- *Older customers return more tailor user experience accordingly