



De  al

online store

Data Analysis Project for Digital Store

Objective:

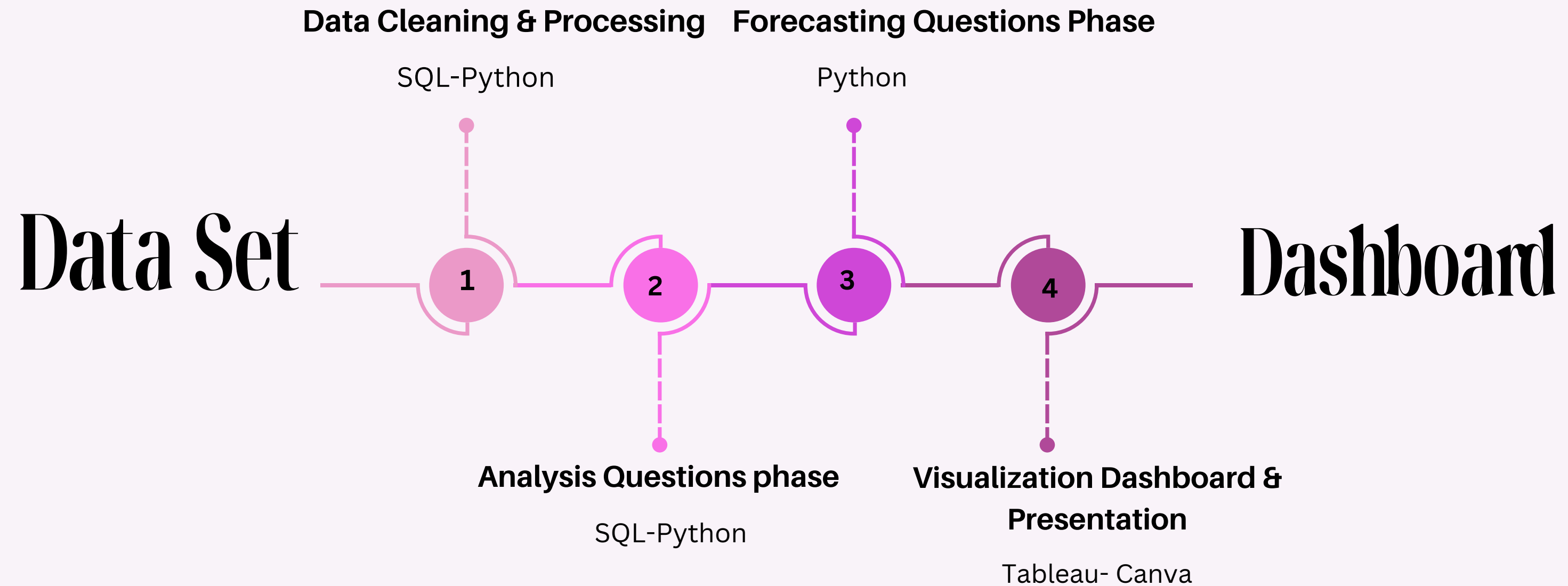
To analyze key sales metrics, customer demographics, and supplier performance to optimize business strategies and improve decision-making.

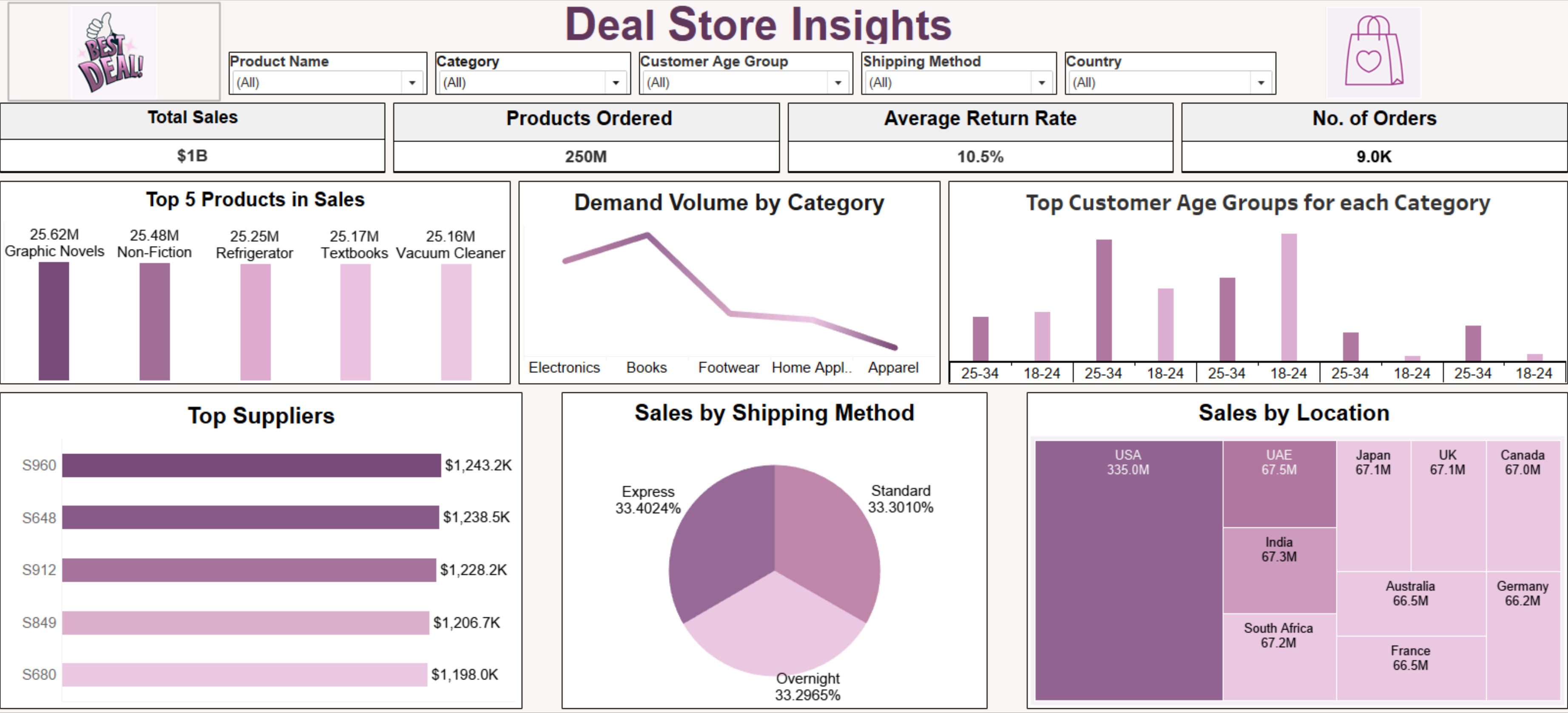
Key Focus Areas:

- Sales Performance – Top products, revenue trends.
- Customer Insights – Age group trends, demand by category.
- Supplier & Shipping Analysis – Efficiency and cost evaluation

Goal:

To enhance sales strategies, optimize inventory management, and improve customer satisfaction by leveraging data-driven insights.





The most Important Insights



1. Total Sales & Orders:

- The total sales amount to \$1,004.8M.
- 250M products were ordered.
- The total number of orders is 9.0K.



2. The average return rate is 10.5%, indicating a potential issue with product quality or customer satisfaction.



3. The top 3 products in sales are:

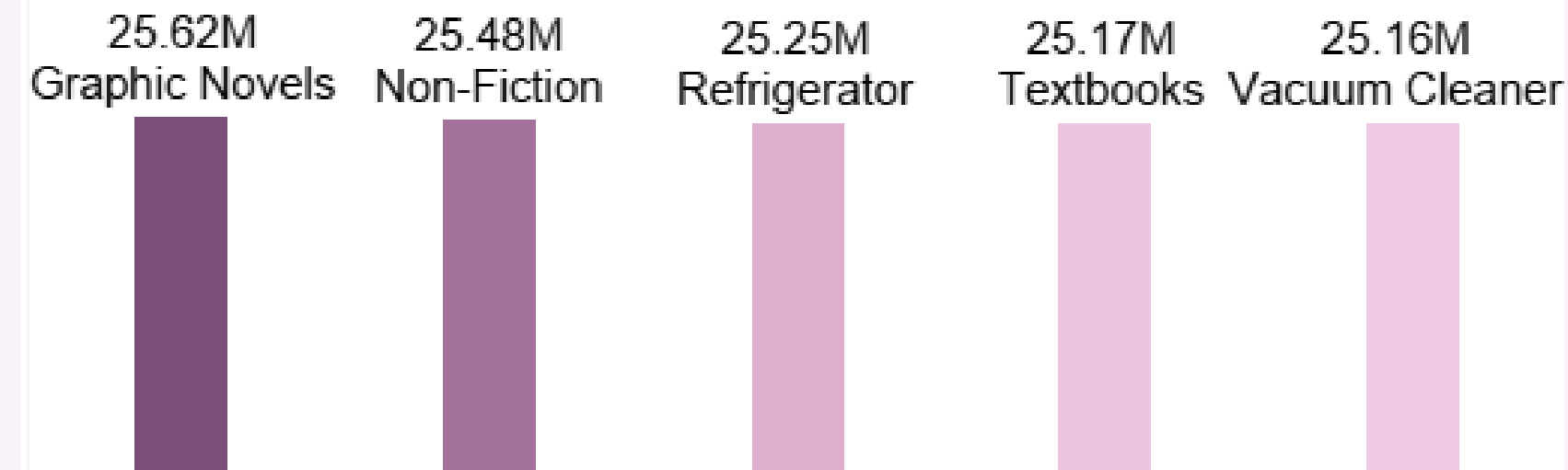
- Graphic Novels (25.62M)
- Refrigerator (25.25M)
- Vacuum Cleaner (25.16M)



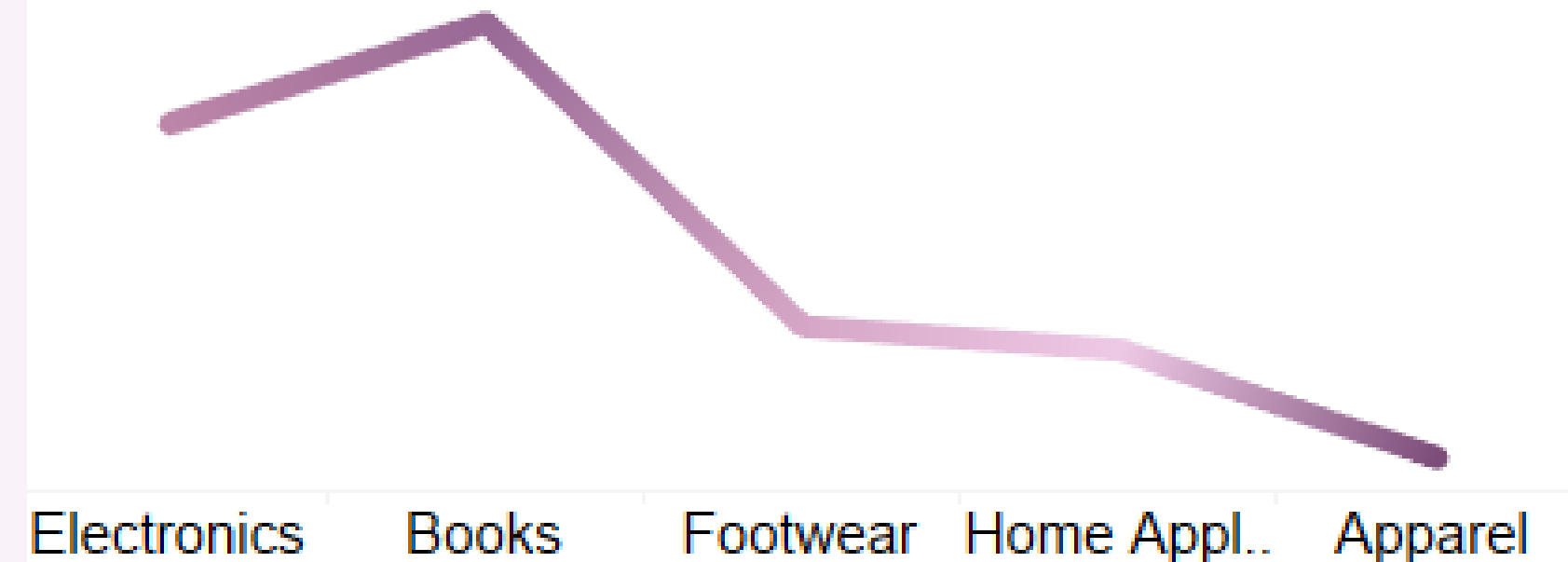
4. Demand Volume by Category:

- Books have the highest demand.
- Apparel has the lowest demand, indicating potential underperformance in this category.

Top 5 Products in Sales



Demand Volume by Category





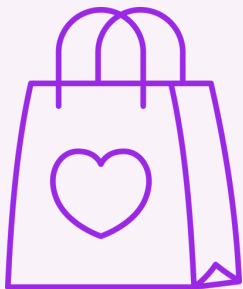
5. Customer Demographics.

- The 25-34 age group is the top customer segment across multiple categories.



6. Top Suppliers:

- The leading supplier is S960 with \$1,243.2K in sales.
- Other major suppliers have similar performance, suggesting a competitive supplier market.



7. Sales by Location:

- The USA leads in sales with \$335M.



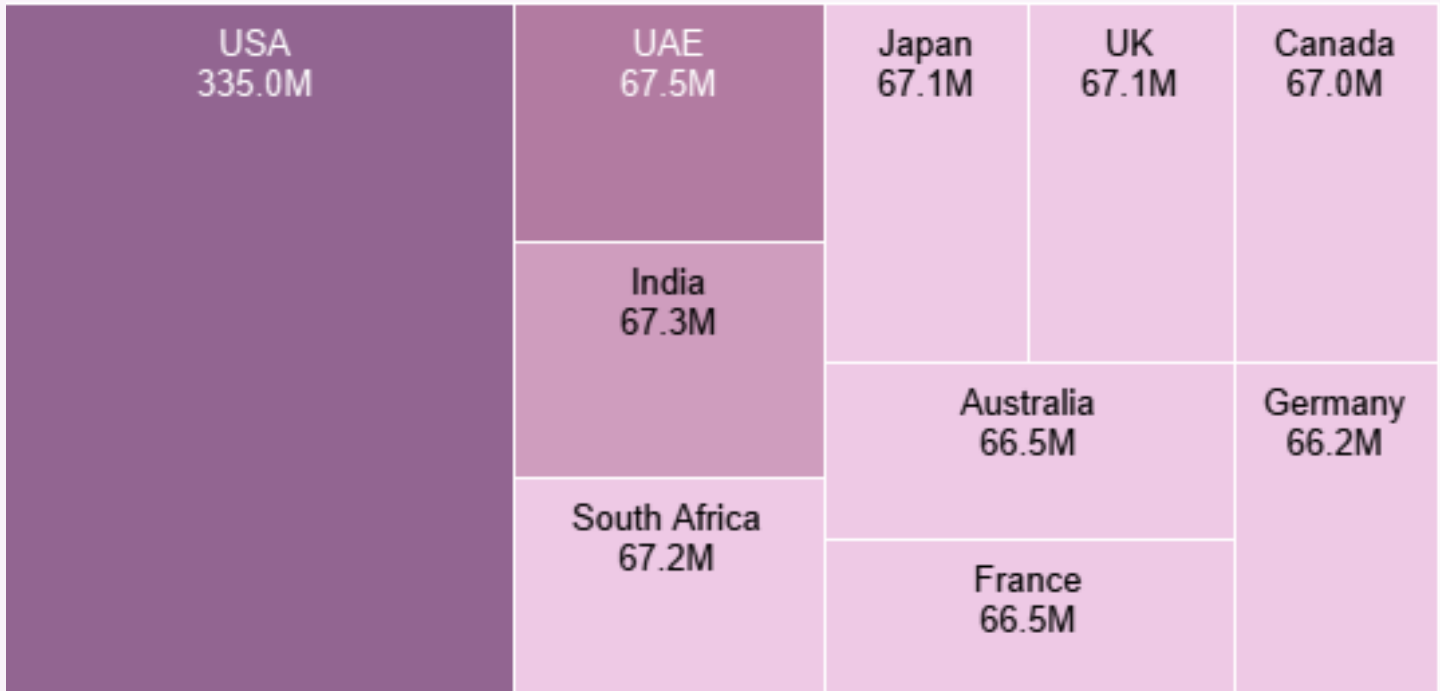
8. Sales by Shipping Method:

- Sales are evenly distributed across different shipping methods, with no single method dominating.

Top Suppliers



Sales by Location



action plan

1. Optimize High-Demand Categories

- Expand inventory in Books & Electronics.
- Improve supplier contracts for high-margin products.

2. Enhance Customer Engagement

- Special promotions for the 25-34 age group.
- Offer discounts on underperforming categories.

3. Reduce Return Rate

- Investigate 10.5% return rate causes.
- Improve product descriptions, quality checks & customer support.

4. Strengthen Market Presence

- Expand in the USA, while growing Japan, UK & UAE sales.
- Launch localized campaigns in top international markets.

5. Optimize Logistics & Supplier Relations

- Identify the most cost-effective shipping method.
- Negotiate better terms with top suppliers

