OmniMart Customer Insights & Recommendationseting



Data-Driven Analysis on Segmentation, Loyalty, Product Trends, and Experience Enhancement

Presented by Nullifiers







- 1. Customer Segmentation & Spending Patterns
- 2. Loyalty Trends & Purchase Frequency
- 3. Product Popularity Analysis
- 4. Feedback & Ratings Impact
- 5. Segment Preferences by Product Type
- 6. Shipping Methods vs Order Status
- 7. Payment Methods & Order Value Correlation
- 8. Key Insights & Recommendations

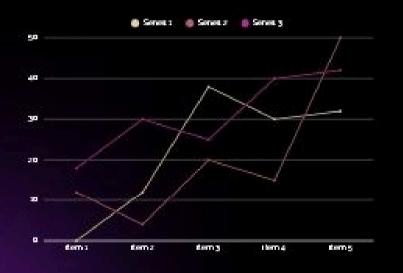
Customer Segmentation



- KMeans clustering used on Recency, Frequency, Monetary (RFM)
- 4 distinct customer segments identified
- Segments differ in loyalty, spending capacity, and recency of purchases
- Helps target marketing strategies effectively



Market Overview



Spending Patterns

- · Average spend varies across age, gender, and location
- High-spending demographics: 31–45 years, Male, and certain countries
- Insights can shape pricing strategies and promotions

Loyalty Trends

- Repeat purchases concentrated among top 20% of customers
- Loyalty programs and personalized discounts can enhance retention
- Frequent buyers contribute disproportionately to revenue









Product Popularity

- · Top categories: Electronics, Clothing, Home Decor
- · Top brands: Nike, Samsung, Nestle
- Least popular categories highlight areas to reevaluate in catalog



Feedback vs Sales



- Higher ratings correlate with higher average spend
- Low-rated products have fewer transactions and lower revenue
 - Customer feedback loop essential for quality control

Segment Preferences

- · Heatmap reveals distinct product type preferences by customer segment
 - Enables personalized product recommendations
 - Useful for targeted marketing and catalog optimization



Marketing Objectives



Shipping Methods vs Order Status

- Standard shipping linked with higher proportion of delayed/canceled orders
- Same-day shipping improves delivery rate but at higher cost
- Recommendation: incentivize faster shipping for premium customers
- Operational improvements needed in Standard shipping logistics



Marketing Strategies



Payment Methods & Order Value

- Credit Card and PayPal orders show higher average values
 - · Cash payments tend to be lower-value, but frequent
- · Recommendation: encourage digital payments via discounts or rewards
 - Strong link between payment flexibility and customer satisfaction







Key Recommendations for

OmniMart Leadership

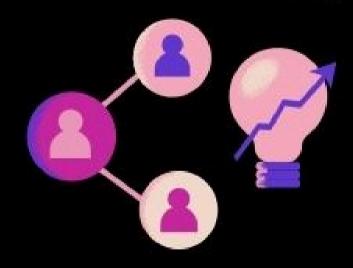


- 1. Launch loyalty programs targeting frequent, high-value customers
- 2. Optimize product catalog by expanding popular categories and reviewing weak ones
- 3. Encourage digital payments with cashback/loyalty points
- 4. Improve logistics to reduce cancellations from Standard shipping
- 5. Personalize marketing by segment-specific product promotions
- 6. Use customer feedback loops to enhance product quality





Social Media



Platform Selection

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Engagement Tactics

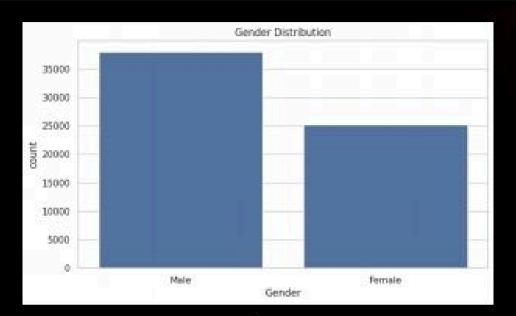
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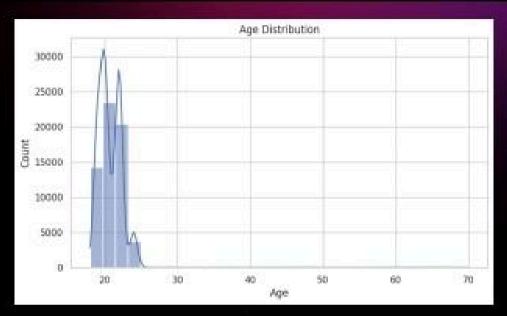


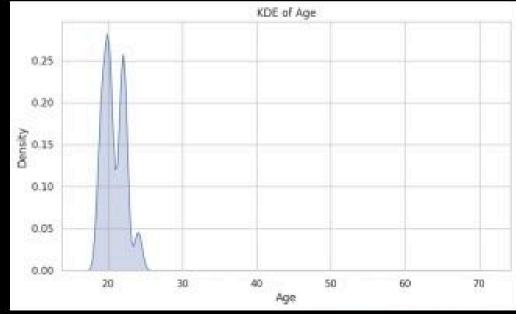


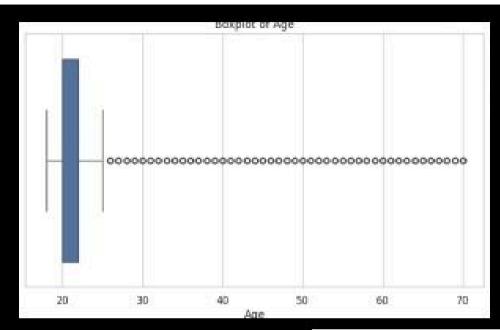
We have represented our analysis in the form of graphs from the next slide for better understanding



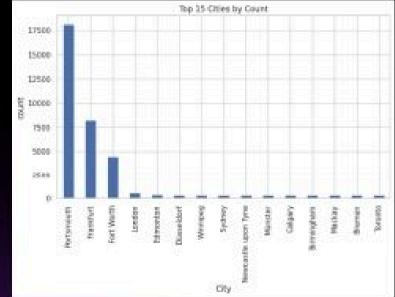


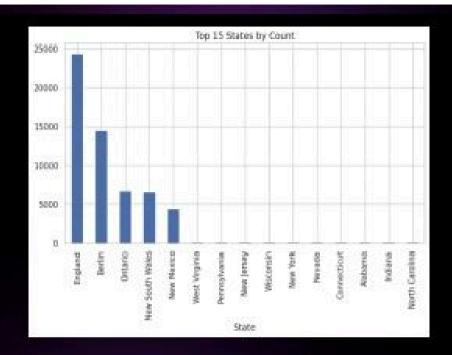




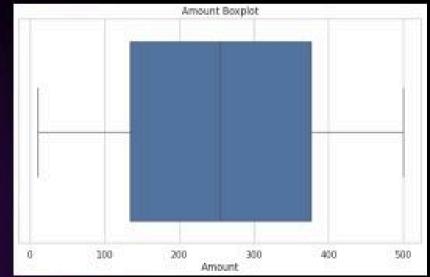


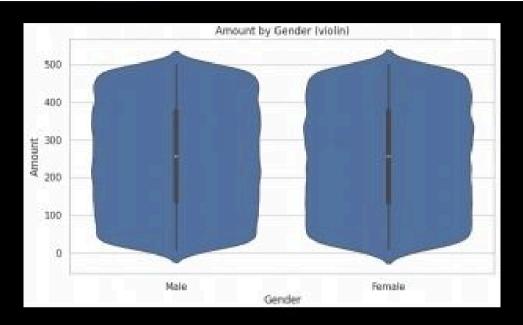




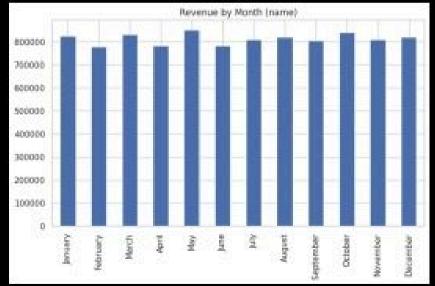




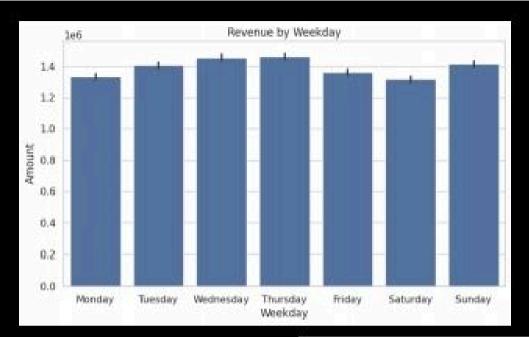








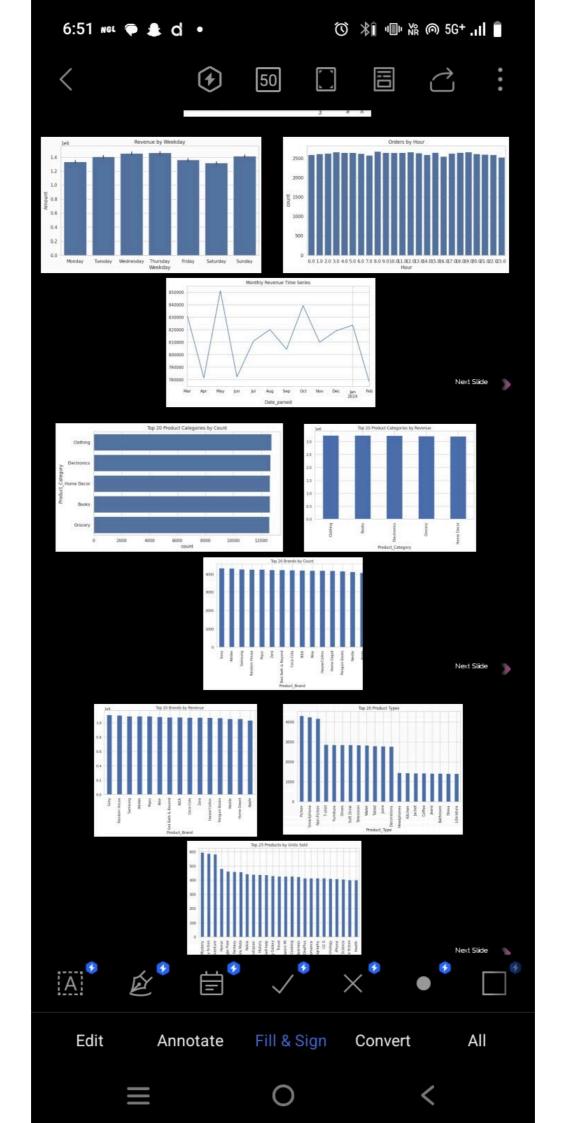


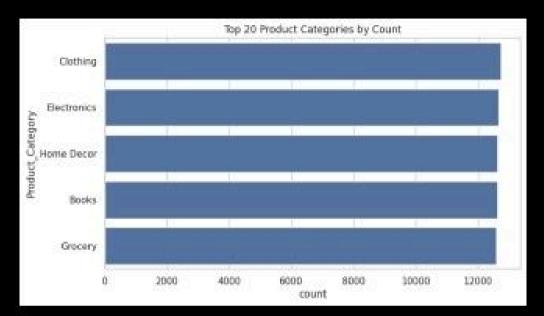


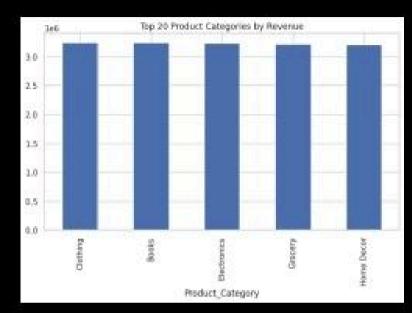


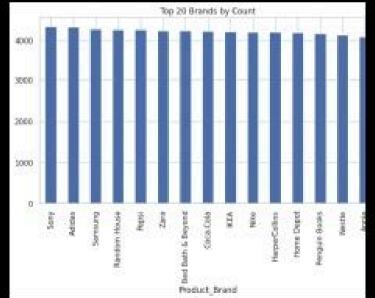


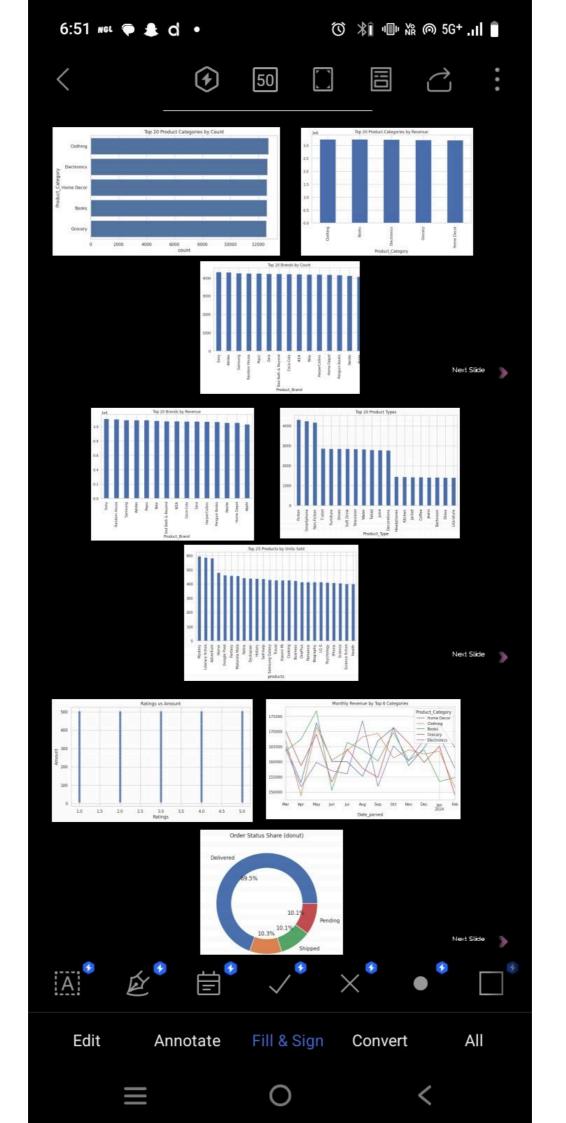


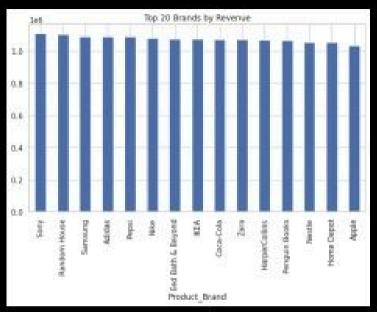


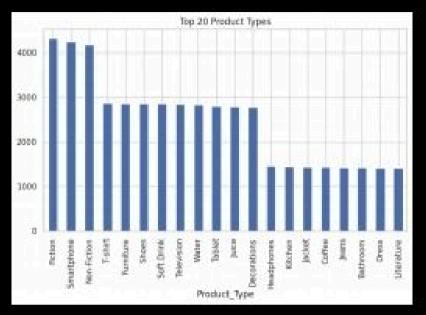


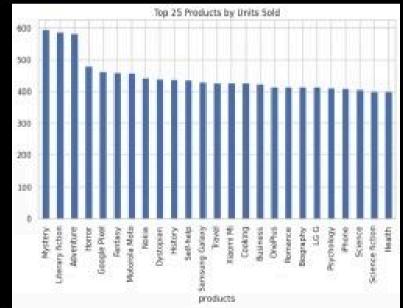


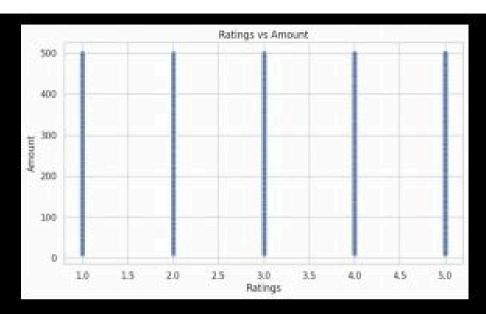


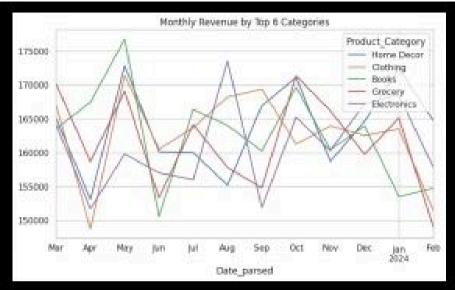




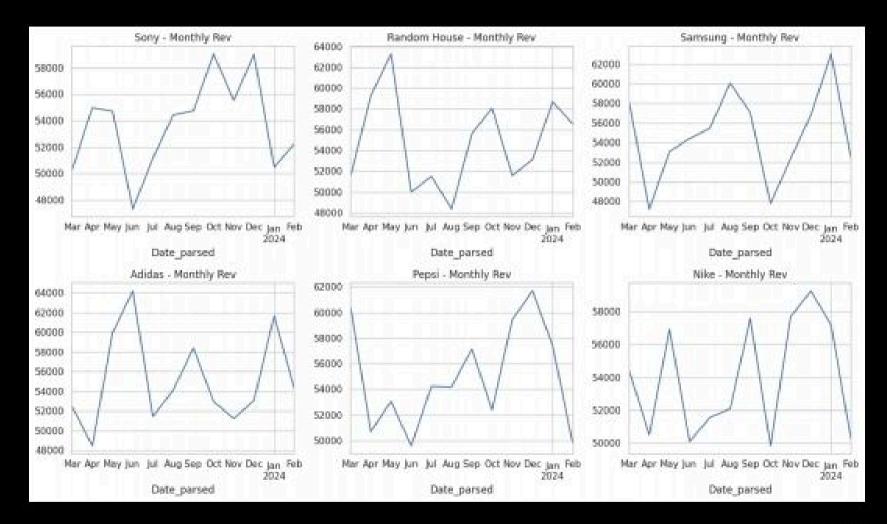


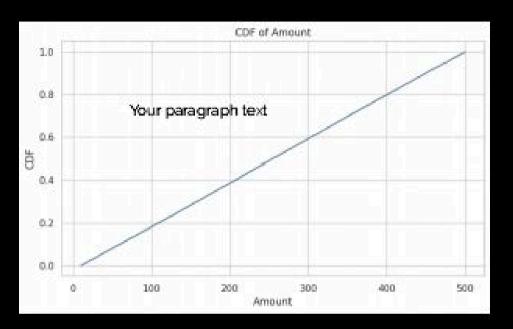


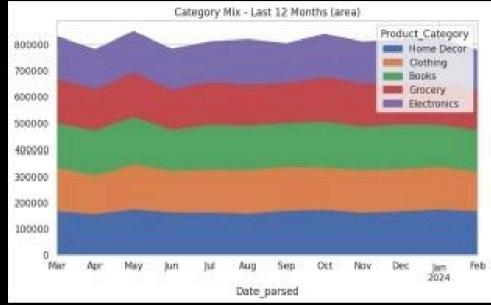


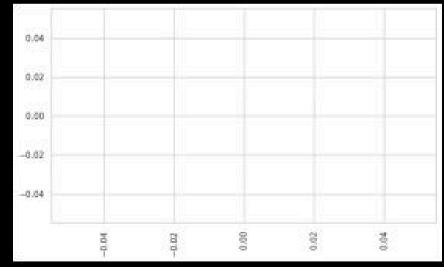


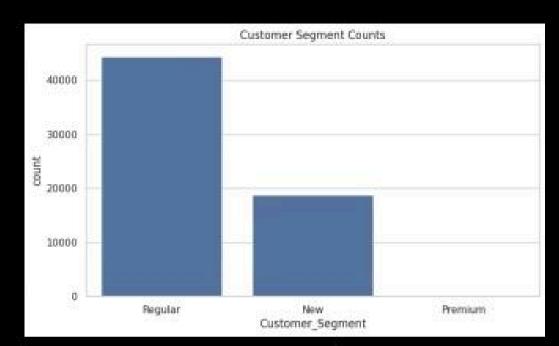


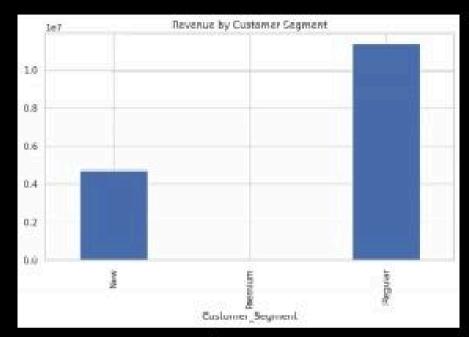


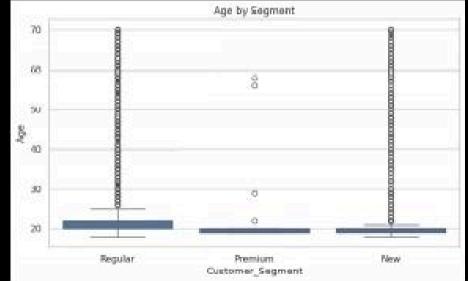


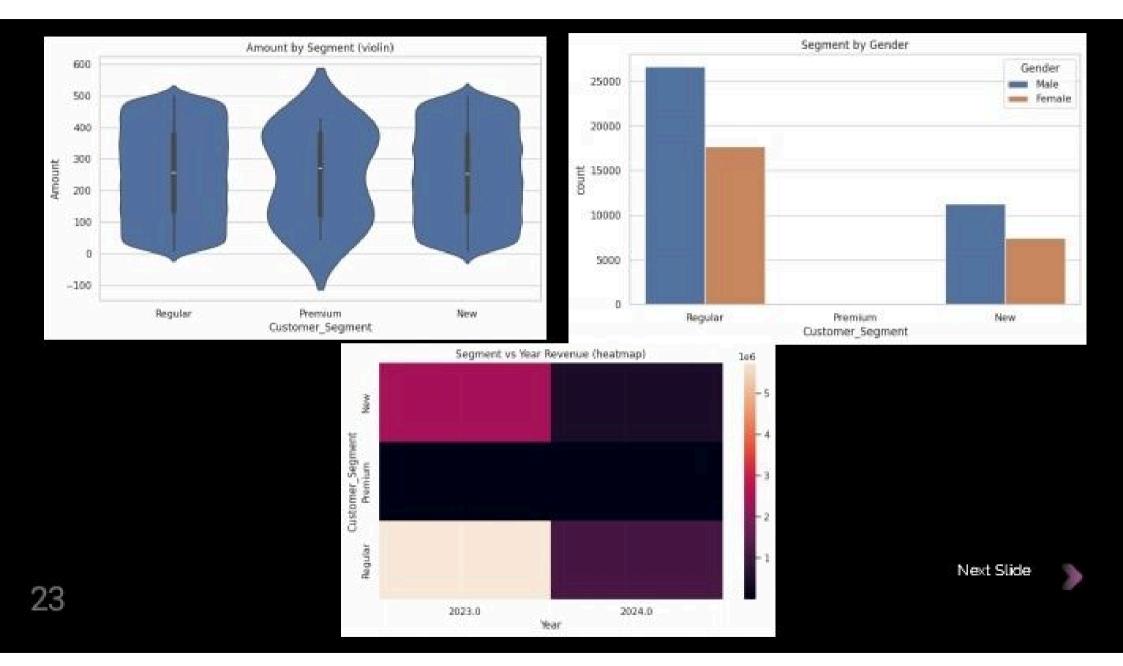


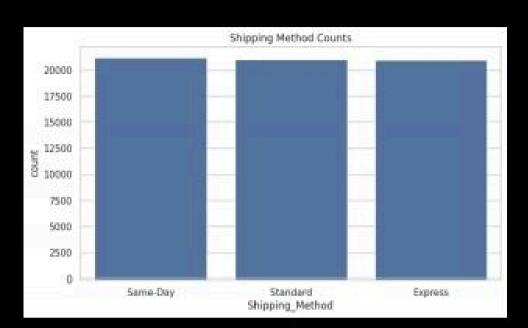




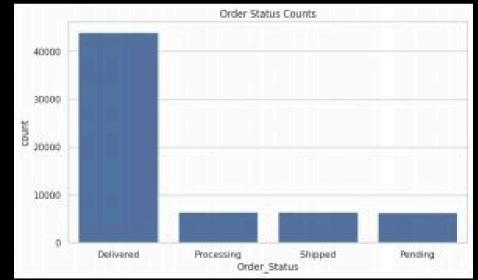




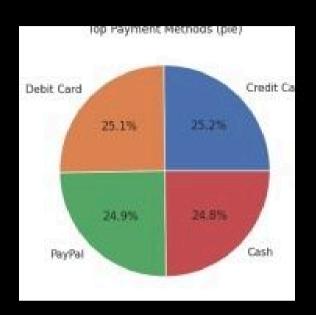


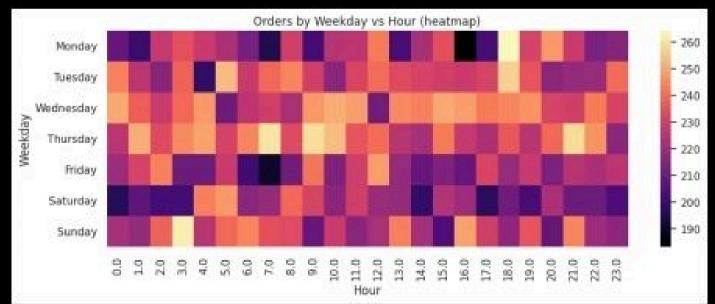


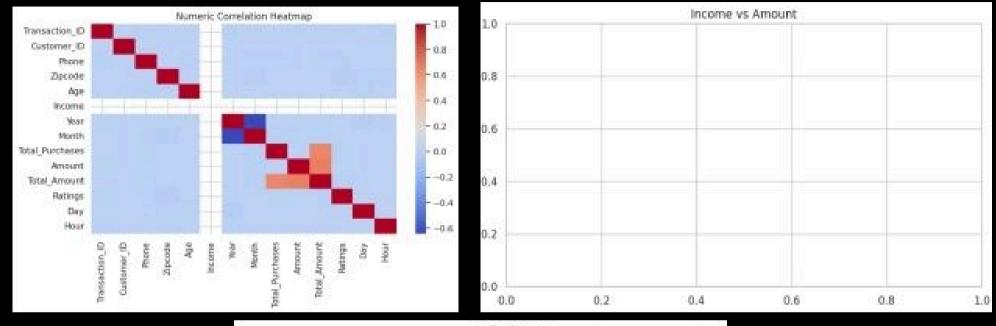


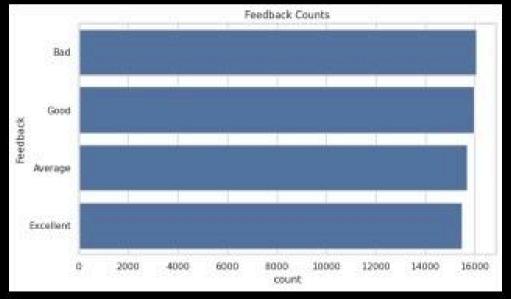


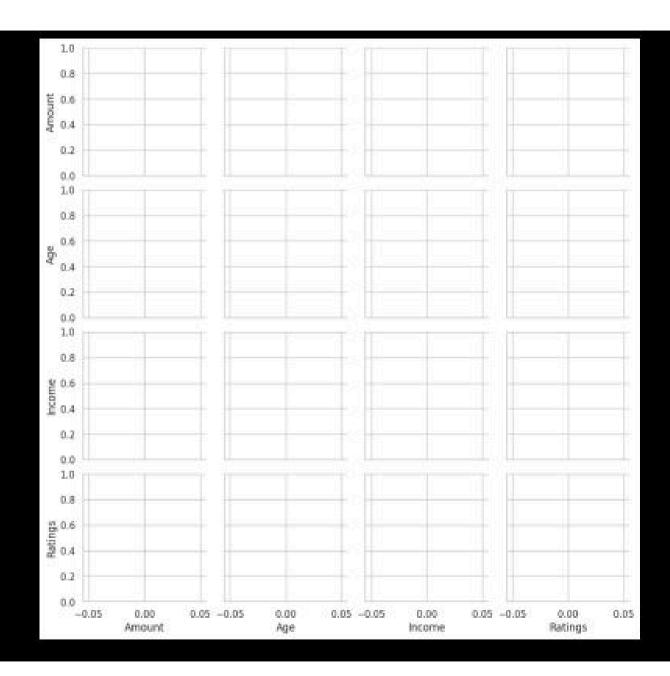


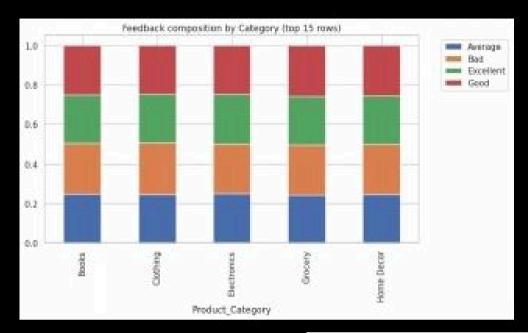


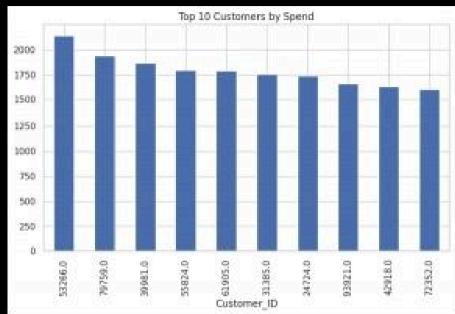




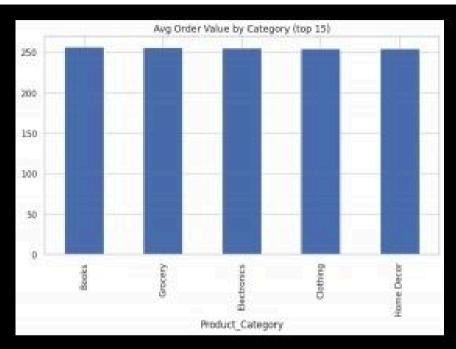


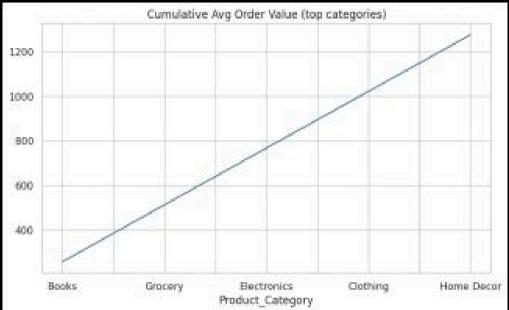


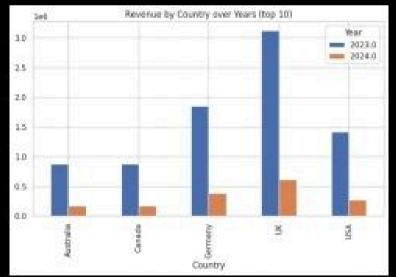












Conclusion





By leveraging customer segmentation, loyalty trends, and operational insights,
OmniMart can improve customer experience, boost sales, and strengthen its market position.

Next Steps: Implement targeted campaigns, refine product catalog, and enhance logistics.

1ank You!

Special thanks to our team members:
Ankita De
Snehal Basu
Banasri Patra

Any Questions?