

Based on the EDA results, here are five business insights that I have found:

**1. Regional Customer Distribution**

- Observation: South America has the highest number of customers, followed by Europe, North America, and Asia.
- Implication: South America is a key market for customer acquisition and retention.
- Recommendation: Strengthen regional marketing campaigns and partnerships in South America to maximize customer engagement and sales.

**2. Popular Product Categories**

- Observation: Books and Electronics are the most popular product categories, each accounting for 26% of the inventory.
- Implication: These categories contribute significantly to overall revenue.
- Recommendation: Prioritize stock and marketing efforts for Books and Electronics to meet high demand.

**3. Total Revenue Insights**

- Observation: The total revenue generated is approximately \$689,995.56.
- Implication: Strong revenue performance suggests healthy sales but room for further optimization.
- Recommendation: Use customer segmentation and targeted promotions to increase per-customer revenue.

**4. Pricing Strategy**

- Observation: The average product price is \$267.55.
- Implication: This price point reflects customer affordability and market positioning.
- Recommendation: Maintain competitive pricing while offering premium options to cater to high-value customers.

**5. Underrepresented Markets**

- Observation: Asia and North America have fewer customers compared to South America and Europe.
- Implication: These regions are untapped growth opportunities.
- Recommendation: Launch localized campaigns and analyze customer preferences in Asia and North America to expand the customer base.