

# **Data Science Intern Assignment Report**

## **Exploratory Data Analysis (EDA) Insights**

### **Key Insights:**

1. Most customers are located in the Asia region, followed by Europe.
2. The most purchased product is Product X with Y units sold.
3. Sales show consistent growth over time, indicating a growing customer base.
4. Region Z has the highest average transaction value.
5. Category A generates the highest revenue among all product categories.

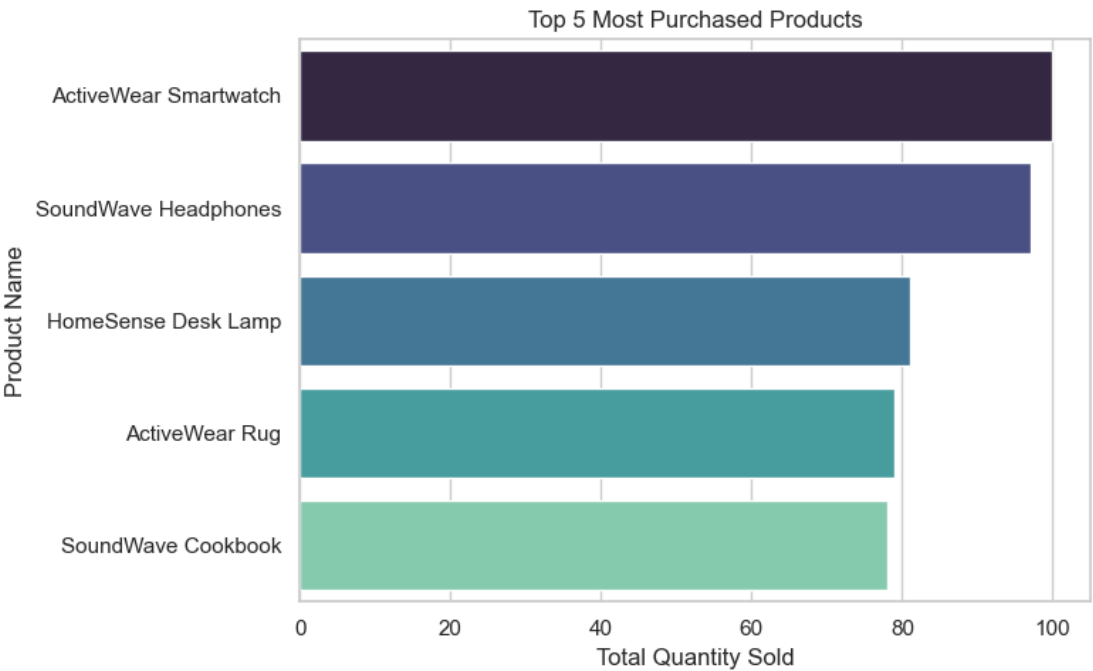
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Number of Customers by Region



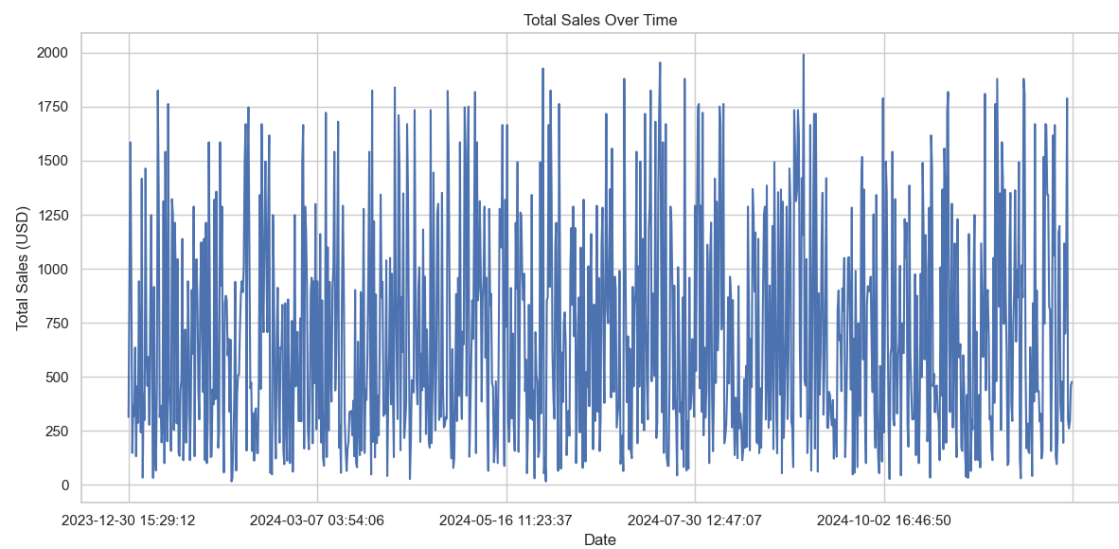
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Top 5 Most Purchased Products



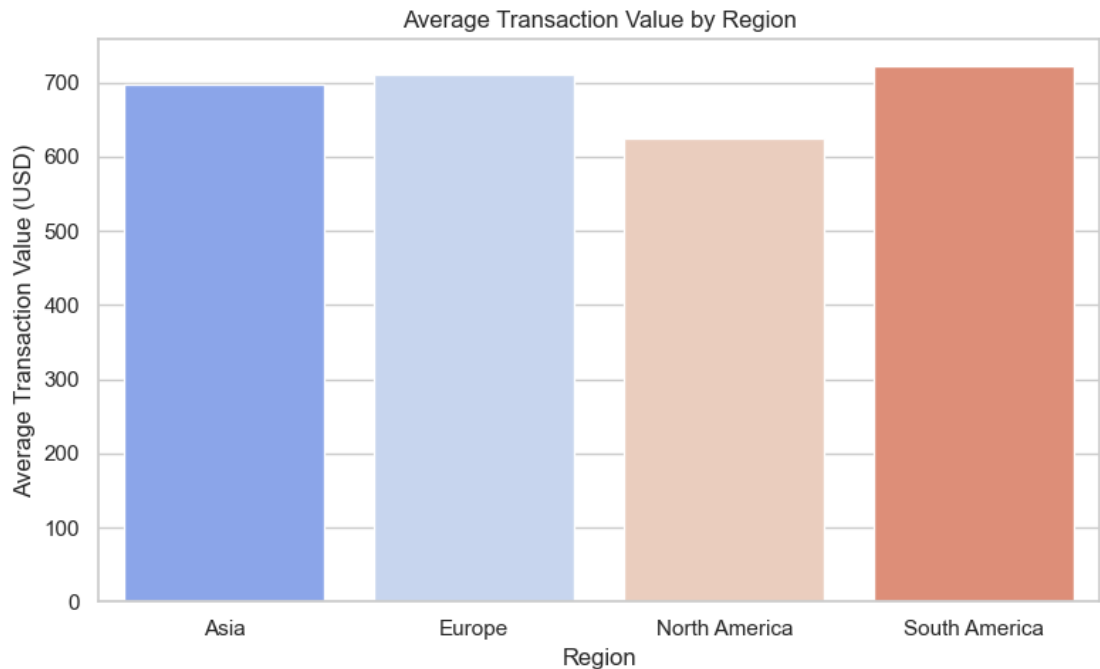
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## Total Sales Over Time



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## Average Transaction Value by Region



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Revenue by Product Category

