E-commerce Furniture Dataset 2024
Data Analysis Project Report

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1. Short Description

This project analyzes the E-commerce Furniture Dataset 2024 to understand online furniture sales trends. The report focuses on product categories, pricing patterns, and customer ratings to gain insights into customer preferences and market behavior.

2. Introduction

The rapid growth of e-commerce has transformed the furniture retail industry. Online platforms provide a wide range of furniture products with easy accessibility. This project uses the E-commerce Furniture Dataset 2024 to analyze product trends, prices, and customer feedback, helping businesses make data-driven decisions.

3. Objectives of the Project

• To analyze online furniture sales data
• To study pricing and product trends
• To understand customer ratings and preferences
• To gain insights into the e-commerce furniture market

4. Dataset Description

The dataset contains information related to furniture products sold online, including product categories, prices, and customer ratings. It is used for basic data analysis and visualization.

5. Tools & Technologies Used

Python, Jupyter Notebook, Pandas, Matplotlib

6. Methodology

The project follows steps such as data loading, data cleaning, exploratory data analysis, visualization of important trends, and interpretation of results.

7. Conclusion

The analysis of the E-commerce Furniture Dataset 2024 shows that pricing, product category, and customer ratings play an important role in online furniture sales. This project demonstrates how data analysis helps in understanding market trends and customer behavior, supporting better business decisions.

8. Future Scope

Future work can include advanced analysis using machine learning techniques, sales prediction models, and detailed customer behavior analysis.