Dataset Link: https://www.kaggle.com/datasets/karkavelrajaj/amazon-sales-dataset

Load the Amazon sales dataset

Explore the dataset

Question 1: What are the dimensions of the dataset?

Question 2: What are the column names?

Question 3: Are there any missing values in the dataset?

Question 4: What are the data types of the columns?

Question 5: What are the summary statistics of the dataset?

Question 6: What is the distribution of sales (discounted price vs. actual price)?

Question 7: What are the top-selling products?

Question 8: What is the distribution of sales by product category?

Question 9: What is the average rating and rating count for products?

Question 10: What is the distribution of products across different categories?

Question 11: What is the correlation between ratings, rating count, and discounted price?

Question 12: What are the top-rated products with a high number of ratings?

Question 13: What is the distribution of products by discount percentage?

Question 14: What is the average discount percentage by category?

Question 15: What is the distribution of ratings for products?

Question 16: What is the average rating by category?

Question 17: What are the most common rating counts for products?

Question 18: What is the distribution of user ratings?

Question 19: What are the top-rated products with the highest discounts?

Question 20: What is the average discounted price by category?

Question 21: What is the average discount percentage across all products?