

Here are some Python data analysis questions you can explore with the dataset you provided:

1. **Total Revenue Calculation**:

- How can you calculate the total revenue generated by each store location?

2. **Top-Selling Products**:

- Which products have the highest sales in terms of quantity across all stores?

3. **Monthly Sales Trend**:

- What is the trend in total sales (revenue) for each month? How does it vary by store location?

4. **Peak Shopping Hours**:

- At what hours of the day do stores experience the highest transaction volumes?

5. **Product Category Analysis**:

- Which product category generates the most revenue? How does it vary across different stores?

6. **Average Transaction Value**:

- What is the average transaction value for each store location? Does this vary significantly across locations?

7. **Day of the Week Analysis**:

- How do sales vary by the day of the week? Are there certain days when sales are consistently higher?

8. **Store Performance Comparison**:

- How do different stores compare in terms of total revenue and number of transactions?

9. **Customer Purchase Behavior**:

- What is the average number of products purchased per transaction? How does this vary across different product categories?

10. **Product Size Preference**:

- Is there a trend in the size of products purchased? Which size is the most popular?