**Scenario: Analyzing Sales Data for a Retail Company**

**Question:**

You are given a dataset containing sales data for a retail company. The data includes information on the date of purchase, the product sold, the quantity, the price per unit, the customer details, and the store location. Your tasks are:

1. **Load the Data**: Load the dataset from a CSV file.
2. **Clean the Data**: Handle any missing values and remove duplicates.
3. **Data Exploration**: Explore the data to understand basic statistics and distribution.
4. **Manipulate the Data**: Create new columns for total sales, month, and year from the date column.
5. **Aggregation**: Calculate total sales per product and per store.
6. **Merge Data**: Assume you have another dataset with customer details, merge this dataset with the sales data.
7. **Group and Filter**: Group the data by customer and find the top 5 customers by total spending.
8. **Pivot Tables**: Create a pivot table showing total sales per month per store.
9. **Data Visualization**: Plot total sales over time.
10. **Export Data**: Export the cleaned and processed data to a new CSV file.