**Data Import and Preparation:**

Import the 'supermarket sales' dataset into Power BI.

Create calculated columns for year, month, and any other necessary categorizations.

**Dashboard Creation:**

Design the layout of the dashboard, considering the visual flow and organization.

**Add visualizations for each category:**

1.Total Sales by Year

2.Total Sales by Month: Line chart or bar chart.

3.Sales by Gender: Pie chart or bar chart.

4.Sales by City: Bar chart or map visualization.

5.Sales by Payment Type: Pie chart or bar chart.

6.Sales by Product Line, including Gross Income

7.Sales Trend Analysis: Line chart with trend lines or moving averages.

8.Average Ratings for Each Product Line

**Formatting and Branding:**

Apply consistent formatting to all visualizations for a cohesive look.

Use appropriate colors, fonts, and backgrounds to match the organization's branding.

**Testing and Validation:**

Test the dashboard to ensure all visualizations update correctly and respond to user interactions.

Validate the accuracy of the data presented in each visualization.