import matplotlib.pyplot as plt

# Sample monthly sales data

months = ['Jan', 'Feb', 'Mar', 'Apr', 'May', 'Jun',

          'Jul', 'Aug', 'Sep', 'Oct', 'Nov', 'Dec']

sales = [1100, 1450, 1600, 1300, 1550, 1700,

         1900, 2100, 1800, 2000, 2200, 2400]

# Set up the figure for 3 subplots

plt.figure(figsize=(15, 5))

# 1️⃣ Line Plot

plt.subplot(1, 3, 1)

plt.plot(months, sales, marker='o', color='blue', linestyle='-')

plt.title('Sales Trend (Line Plot)')

plt.xlabel('Month')

plt.ylabel('Sales ($)')

plt.grid(True)

# 2️⃣ Scatter Plot

plt.subplot(1, 3, 2)

plt.scatter(months, sales, color='red', marker='x')

plt.title('Sales Distribution (Scatter Plot)')

plt.xlabel('Month')

plt.ylabel('Sales ($)')

plt.grid(True)

# 3️⃣ Bar Plot

plt.subplot(1, 3, 3)

plt.bar(months, sales, color='green')

plt.title('Sales by Month (Bar Plot)')

plt.xlabel('Month')

plt.ylabel('Sales ($)')

plt.grid(axis='y')

# Adjust layout and display all plots

plt.tight\_layout()

plt.show()

OUTPUT:

