In [1]:
```python
import matplotlib.pyplot as plt
import pandas as pd
```

In [2]:
```python
# Sample DataFrame
data = {
    'Category': ['A', 'B', 'C', 'D'],
    'Values1': [23, 45, 56, 78],
    'Values2': [30, 45, 50, 60]
}

df = pd.DataFrame(data)

# Create a figure and axis objects
plt.figure(figsize=(10, 6))

# Bar chart for Values1
plt.bar(df['Category'], df['Values1'], color='blue', label='Values1')

# Line chart for Values2
plt.plot(df['Category'], df['Values2'], marker='o', color='red', label=

# Add title and labels
plt.title('Bar and Line Chart Example')
plt.xlabel('Category')
plt.ylabel('Values')

# Add legend
plt.legend()

# Show the plot
plt.show()
```
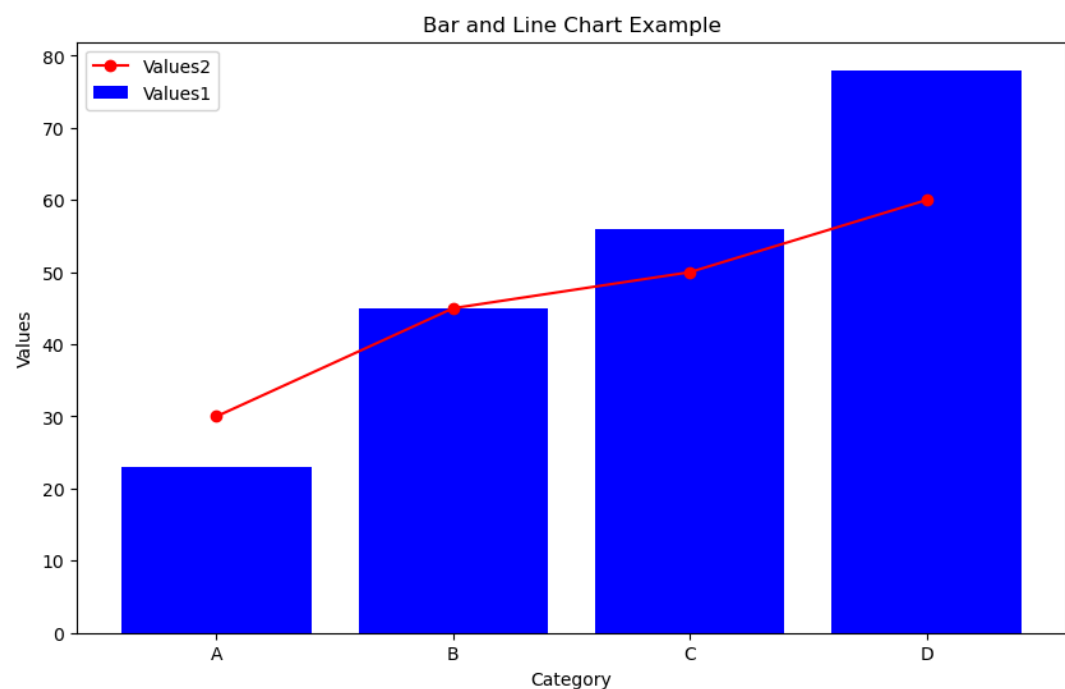
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