In [1]:
```python
import numpy as np
import matplotlib.pyplot as plt

data = np.random.randint(0, 100, 50)

plt.figure(figsize=(12, 8))
plt.subplot(2, 2, 1); plt.plot(data, 'bo-'); plt.title('Line Chart'); plt.grid()
plt.subplot(2, 2, 2); plt.scatter(range(50), data, color='r'); plt.title('Scatter Plot'); plt.grid()
plt.subplot(2, 2, 3); plt.hist(data, bins=10, color='g', alpha=0.7); plt.title('Histogram'); plt.grid()
plt.subplot(2, 2, 4); plt.boxplot(data, vert=False); plt.title('Box Plot'); plt.grid()
plt.tight_layout(); plt.show()
```
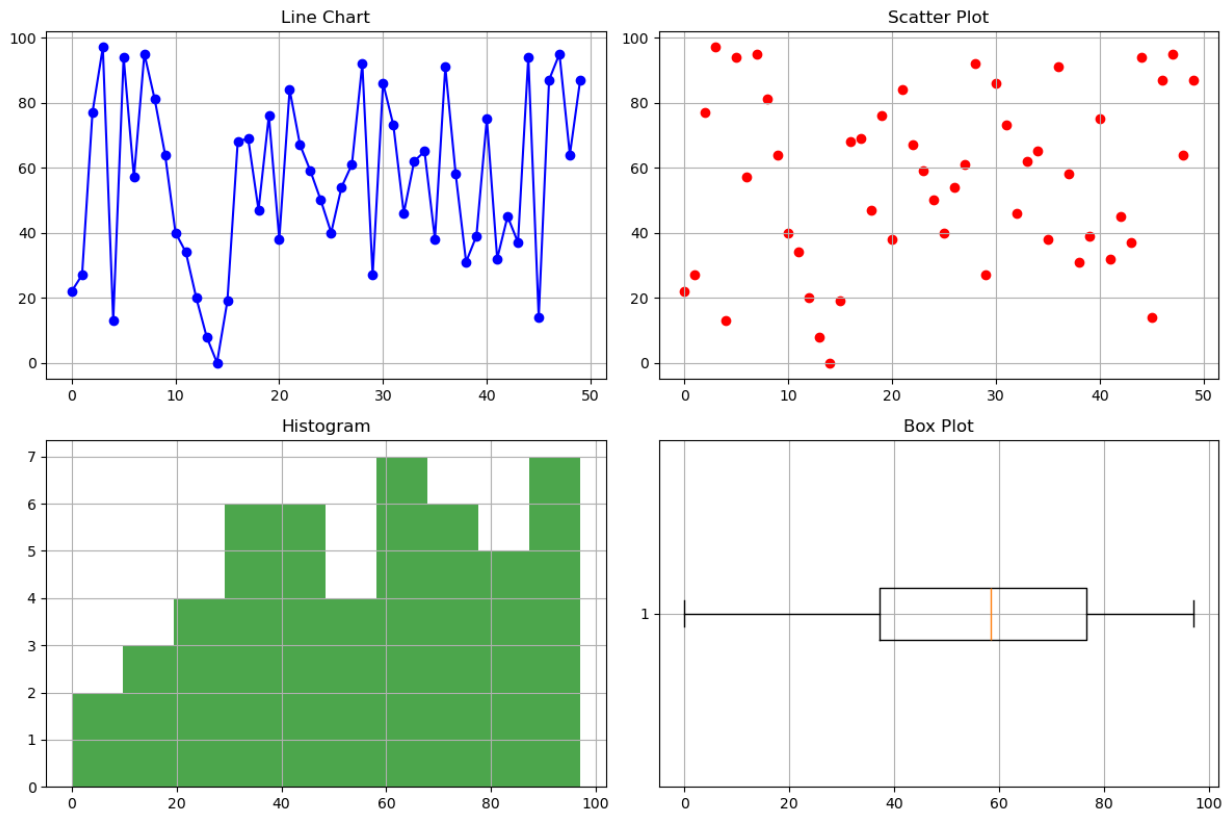

In [2]:
```python
data_with_outliers = np.concatenate((data, [150, 200]))
plt.figure(figsize=(6, 4)); plt.boxplot(data_with_outliers, vert=False); plt.title('Box Plot with Outli
```