

Use the NumPy library to create an array of 50 random floating-point numbers. Use the Matplotlib library to generate a simple line plot of these numbers.

CODE:

```
import numpy as np  
import matplotlib.pyplot as plt  
  
data = np.random.rand(50) # Generates 50 numbers between 0 and 1  
  
plt.plot(data, color='blue', marker='o', linestyle='-', linewidth=1, markersize=5)  
  
plt.title("Line Plot of 50 Random Floating-Point Numbers")  
plt.xlabel("Index")  
plt.ylabel("Value")  
plt.show()
```

OUTPUT:

