

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:

