

```
import numpy as np

import IPython.display as display

from matplotlib import pyplot as plt

import io

import base64


ys = 200 + np.random.randn(100)

x = [x for x in range(len(ys))]


fig = plt.figure(figsize=(4, 3), facecolor='w')

plt.plot(x, ys, '-')

plt.fill_between(x, ys, 195, where=(ys > 195), facecolor='g', alpha=0.6)

plt.title("Sample Visualization", fontsize=10)


data = io.BytesIO()

plt.savefig(data)

image = F"data:image/png;base64,{base64.b64encode(data.getvalue()).decode()}"

alt = "Sample Visualization"

display.display(display.Markdown(F"![{alt}]({image})"))

plt.close(fig)
```

Sample Visualization

