We used chatGPT to find the correct functions to format the graphs correctly. This includes functions like figsize and set_xlabel().

Add axis titles to subplots using python matplotlip

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To add axis titles to subplots in Matplotlib, you can use the set_xlabel and set_ylabel methods for each axis object. Here's a simple example of how to do this in Python using Matplotlib:

```
Copy code
import numpy as np
import matplotlib.pyplot as plt
# Sample data
x = np.linspace(0, 10, 100)
y1 = np.sin(x)
y2 = np.cos(x)
# Create subplots
fig, (ax1, ax2) = plt.subplots(2, figsize=(6, 8))
# Plot data on each subplot
ax1.plot(x, y1)
ax2.plot(x, y2)
# Add axis titles (labels)
ax1.set_xlabel('X-axis (Time)')
ax1.set_ylabel('Y-axis (Amplitude)')
ax1.set_title('Sine Wave')
ax2.set_xlabel('X-axis (Time)')
                                        (\downarrow)
ax2.set_ylabel('Y-axis (Amplitude)')
```

We also used ChatGPT to figure out how to make our 3D plot more legible:



