

Question 6: Plot GameStop Stock Graph

Use the `make_graph` function to graph the GameStop Stock Data, also provide a title for the graph. The structure to call the `make_graph` function is `make_graph(gme_data, gme_revenue, 'GameStop')`. Note the graph will only show data upto June 2021.

► Hint

```
[25]: import yfinance as yf
import matplotlib.pyplot as plt

# Step 1: Fetch GameStop stock data using yfinance
gme_ticker = yf.Ticker("GME")
gme_data = gme_ticker.history(period="max") # Get the maximum available data

# Step 2: Filter the data up to June 2021
gme_data = gme_data[gme_data.index <= '2021-06-30']

# Assuming gme_revenue is already provided as part of your previous steps:
# Step 3: Define the make_graph function
def make_graph(stock_data, revenue_data, title):
    plt.figure(figsize=(10, 6)) # Set figure size
    plt.plot(stock_data.index, stock_data['Close'], label=f"{title} Close Price", color='green') # Plot close price
    plt.title(f"{title} Stock Price (Up to June 2021)") # Set title
    plt.xlabel('Date') # Label x-axis
```

