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In [1]: import pandas as pd
import matplotlib.pyplot as plt

In [2]: file_path = r"C:\Users\HP\OneDrive\Desktop\NLP\Data\ML471_S1_Datafile_Practice.csv"
df = pd.read_csv(file_path)

# Parse Date column
df['Date'] = pd.to_datetime(df['Date'])

# Sort by date (important for time series)
df = df.sort_values('Date')

In [3]: plt.figure(figsize=(12, 6))
plt.plot(df['Date'], df['Close'], label='Close Price')

# Chart formatting
plt.title("Stock Price Over Time")
plt.xlabel("Date")
plt.ylabel("Price")
plt.legend()
plt.grid(False)

# Show plot
plt.show()
```

