import pandas as pd

import matplotlib.pyplot as plt

# Load energy consumption data from a CSV file

# Replace 'your\_data.csv' with the actual file name

data = pd.read\_csv('your\_data.csv')

# Convert the 'timestamp' column to datetime

data['timestamp'] = pd.to\_datetime(data['timestamp'])

# Plotting the energy consumption over time

plt.figure(figsize=(10, 6))

plt.plot(data['timestamp'], data['energy\_consumption'], label='Energy Consumption')

plt.title('Energy Consumption Over Time')

plt.xlabel('Timestamp')

plt.ylabel('Energy Consumption')

plt.legend()

plt.show()