Create a Time Series of Air Quality Data - Question & Answer

# Question:

Convert the 'date' column in the air quality dataset to datetime64, set it as index, and plot subplots.

# Answer (Code):

# Inspect data  
print(data.info())  
  
# Convert the date column to datetime64  
data['date'] = pd.to\_datetime(data['date'])  
  
# Set date column as index  
data.set\_index('date', inplace=True)  
  
# Inspect data  
print(data.info())  
  
# Plot data  
data.plot(subplots=True)  
plt.show()

## Question Explanation (20 words):

The question requires transforming the 'date' column to a proper datetime format, indexing, and plotting multiple air quality metrics.

## Answer Explanation (20 words):

We convert date to datetime64, set it as index inplace, and visualize trends using subplots in matplotlib.

## Reference Image:

