Rolling Average Air Quality Since 2010 - New York City

# Question:

Calculate 90-day and 360-day rolling averages of ozone data since 2010 and visualize trends for New York City.

# Full Answer (Code):

# Import and inspect ozone data here  
data = pd.read\_csv('ozone.csv', parse\_dates=['date'], index\_col='date')  
print(data.info())  
  
# Calculate 90d and 360d rolling mean for the last price  
data['90D'] = data['Ozone'].rolling('90D').mean()  
data['360D'] = data['Ozone'].rolling('360D').mean()  
  
# Plot data  
data['2010':].plot(title='New York City')  
plt.show()

# Explanation of Question (20 words):

The task is to calculate 90-day and 360-day rolling averages of ozone levels and visualize the trend.

# Explanation of Answer (20 words):

We read ozone data, applied rolling means for 90 and 360 days, then plotted results with appropriate title and range.

# Provided Image:

