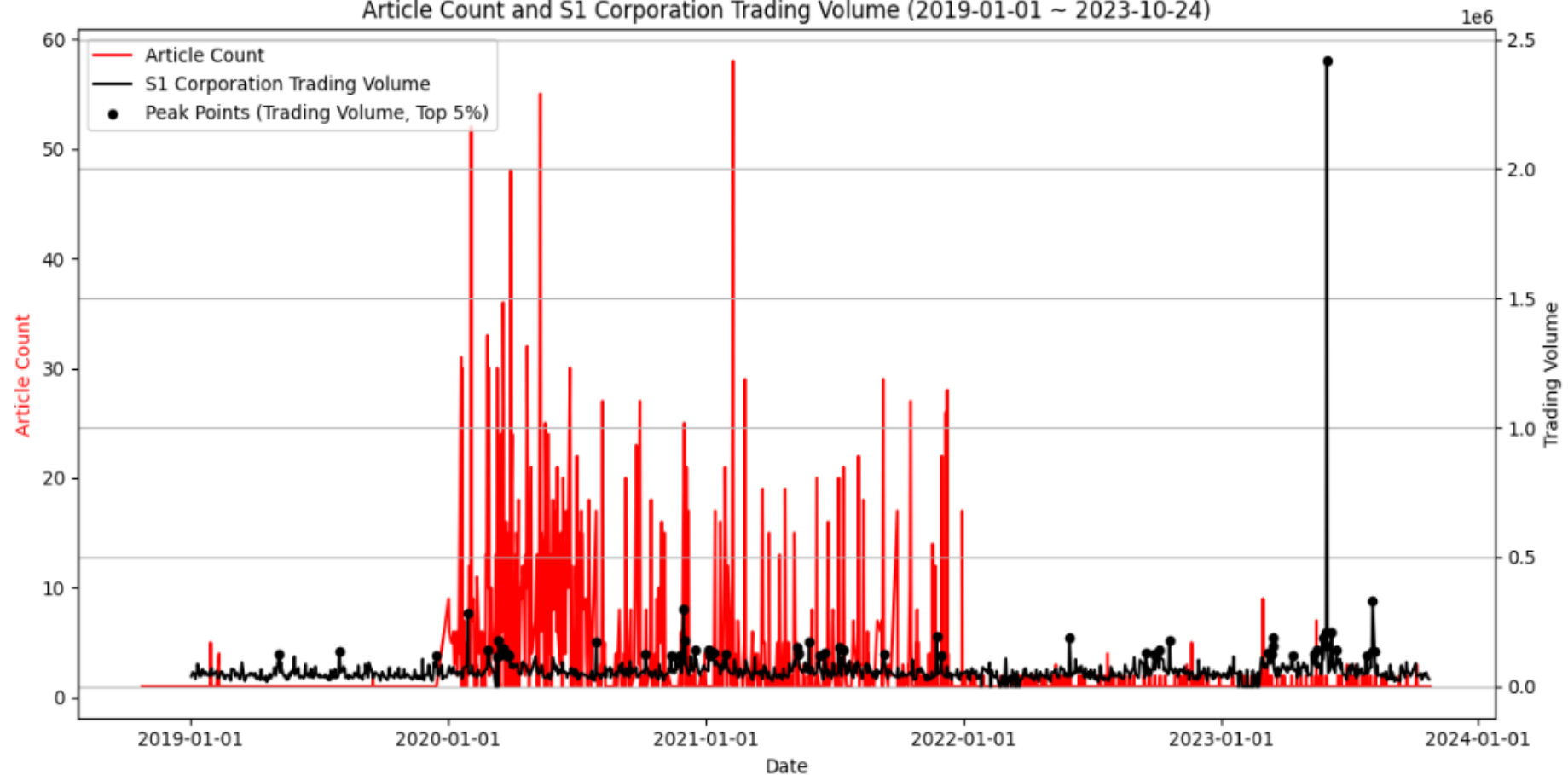


```
1 import pandas as pd
2 import matplotlib.pyplot as plt
3 from matplotlib.dates import DateFormatter
4 import yfinance as yf
5
6 # Load article data (using t.csv file)
7 article_data = pd.read_csv('t.csv')
8 article_data['date'] = pd.to_datetime(article_data['date'])
9
10 # Calculate article counts per day
11 daily_article_counts = article_data.groupby('date').size()
12
13 # Get S1 Corporation stock data
14 symbol = "012750.KS" # S1 Corp
15 start_date = "2019-01-01"
16 end_date = "2023-10-24"
17 s1_stock_data = yf.download(symbol, start_date, end_date)
18
19 # Find peak points in stock trading volume
20 threshold = s1_stock_data['Volume'].pct_quantile(0.95)
21 peak_points_stock = s1_stock_data[s1_stock_data['Volume'] > threshold]
22
23 # Plotting
24 fig, ax1 = plt.subplots(figsize=(15, 10))
25
26 # Article Count Graph (Red)
27 ax1.plot(daily_article_counts, color='red')
28 ax1.set_xlabel('Date')
29 ax1.set_ylabel('Article Count', color='red')
30
31 # Stock Trading Volume Graph (Black)
```

Article Count and S1 Corporation Trading Volume (2019-01-01 ~ 2023-10-24)



문제 7 출력 디버그 콘솔 터미널 포트

2023-11-04 23:10:05.022 [INFO] message

Code: -32096