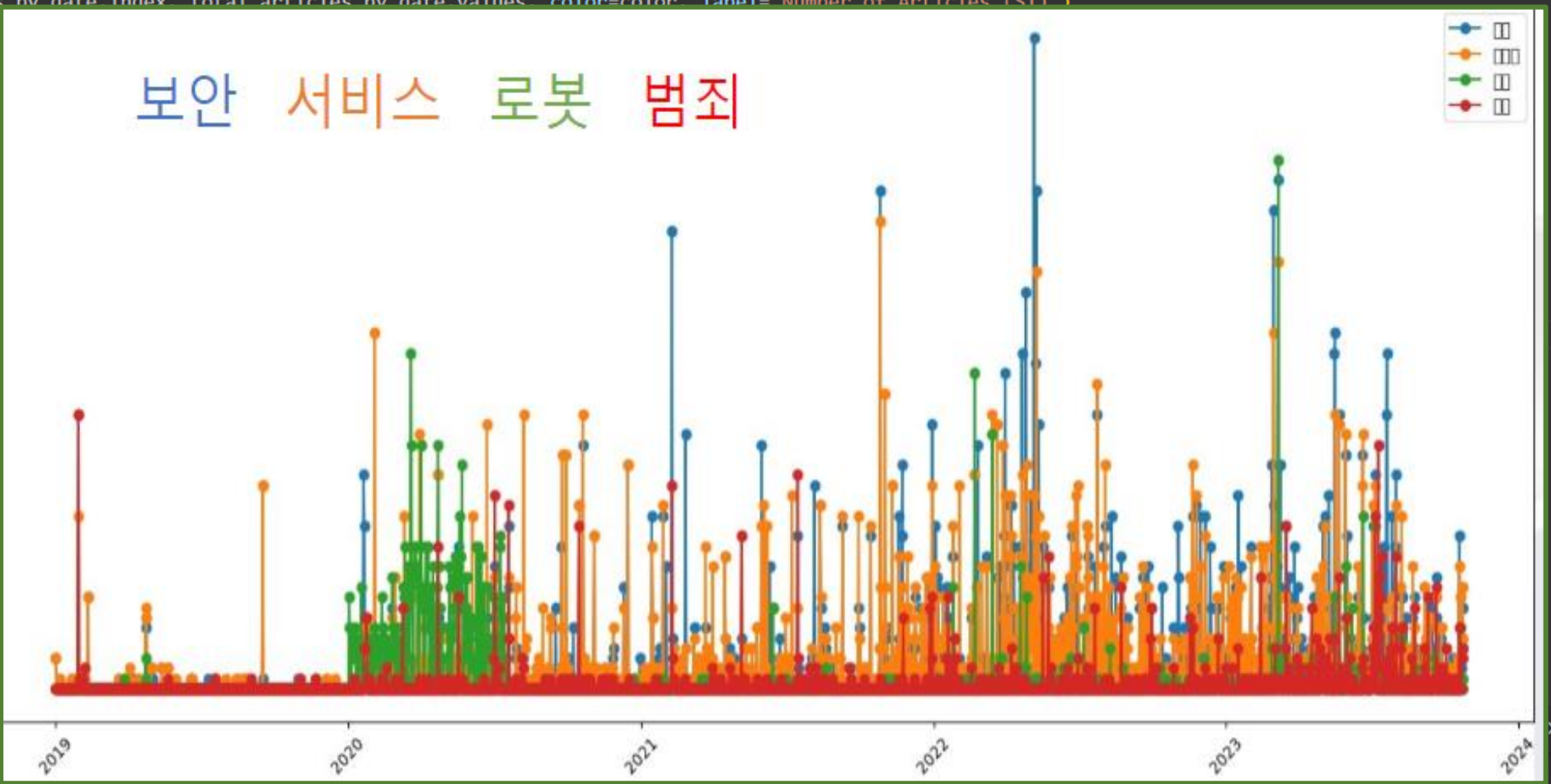


3-1\_시각화\_4\_주요 토픽 시각화.py U 3-1\_시각화\_4\_주요 토픽 시각화.py

```
27 s1 = yf.download('012750.KS', start='2019-01-01', end='2023-10-25')
28
29 # 그래프 그리기
30 fig, ax1 = plt.subplots(figsize=(10, 5))
31
32 color = 'red'
33 ax1.set_xlabel('Date')
34 ax1.set_ylabel('Number of Articles', color=color)
35 line1, = ax1.plot(total_articles by date index, total articles by date values, color=color, label='Number of Articles (S1)')
36 ax1.tick_params(axis='y', labelo
37
38 ax2 = ax1.twinx()
39 color = 'black'
40 ax2.set_ylabel('Trading Volume',
41 line2, = ax2.plot(s1['Volume'],
42 ax2.tick_params(axis='y', labelo
43
44 fig.tight_layout()
45 plt.title('Total Number of Artic
46
47 # Hovering 기능 추가
48 cursor = mplcursors.cursor([line
49
50 @cursor.connect("add")
51 def on_add(sel):
52     x, y = sel.target
53     sel.annotation.set(text=f'Da
54     sel.annotation.xy = (x, y)
55
56 plt.show()
```



문제 7 출력 디버그 콘솔 터미널 포트

Code: -32096

2023-11-04 23:41:22.364[info] [Error - 오후 11:41:22] Notifv file events failed.