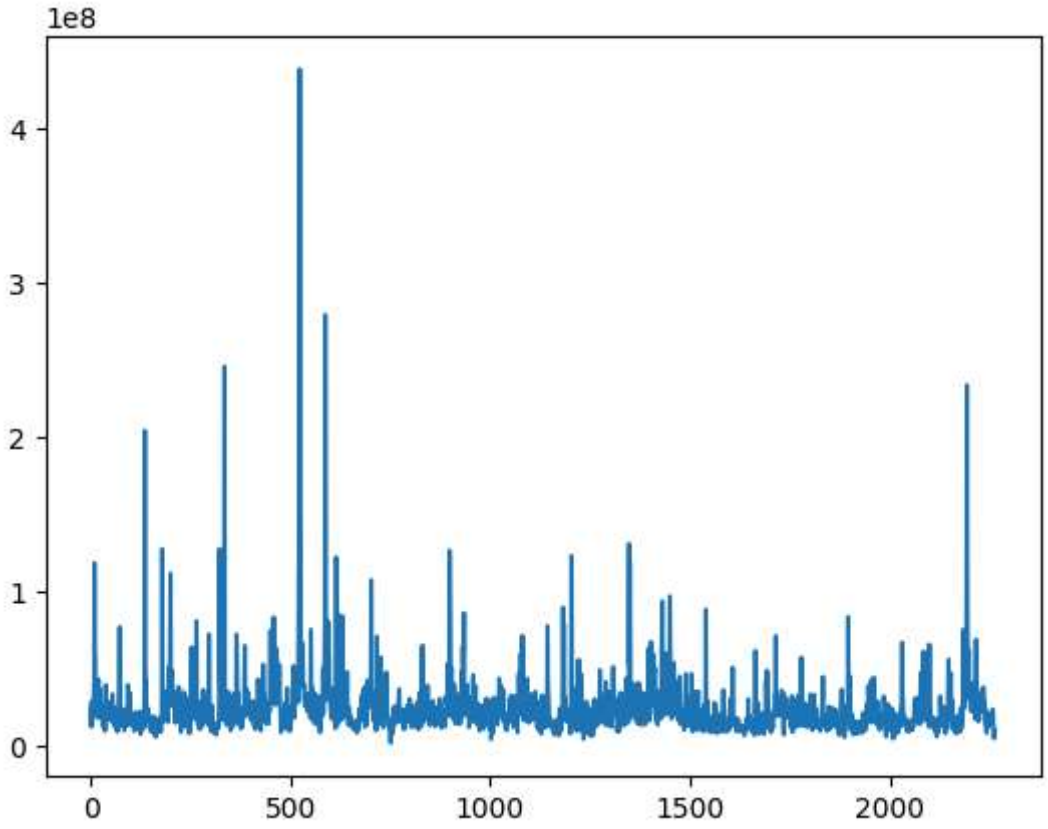
```
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
# reading the dataset using read_csv
df = pd.read_csv("/content/stock_data.csv")
df.head()
```

	Date	Open	High	Low	Close	Volume	Name
0	1/3/2006	39.69	41.22	38.79	40.91	24232729	AABA
1	1/4/2006	41.22	41.90	40.77	40.97	20553479	AABA
2	1/5/2006	40.93	41.73	40.85	41.53	12829610	AABA
3	1/6/2006	42.88	43.57	42.80	43.21	29422828	AABA
4	1/9/2006	43.10	43.66	42.82	43.42	16268338	AABA

Next steps: Generate code with `df` View recommended plots

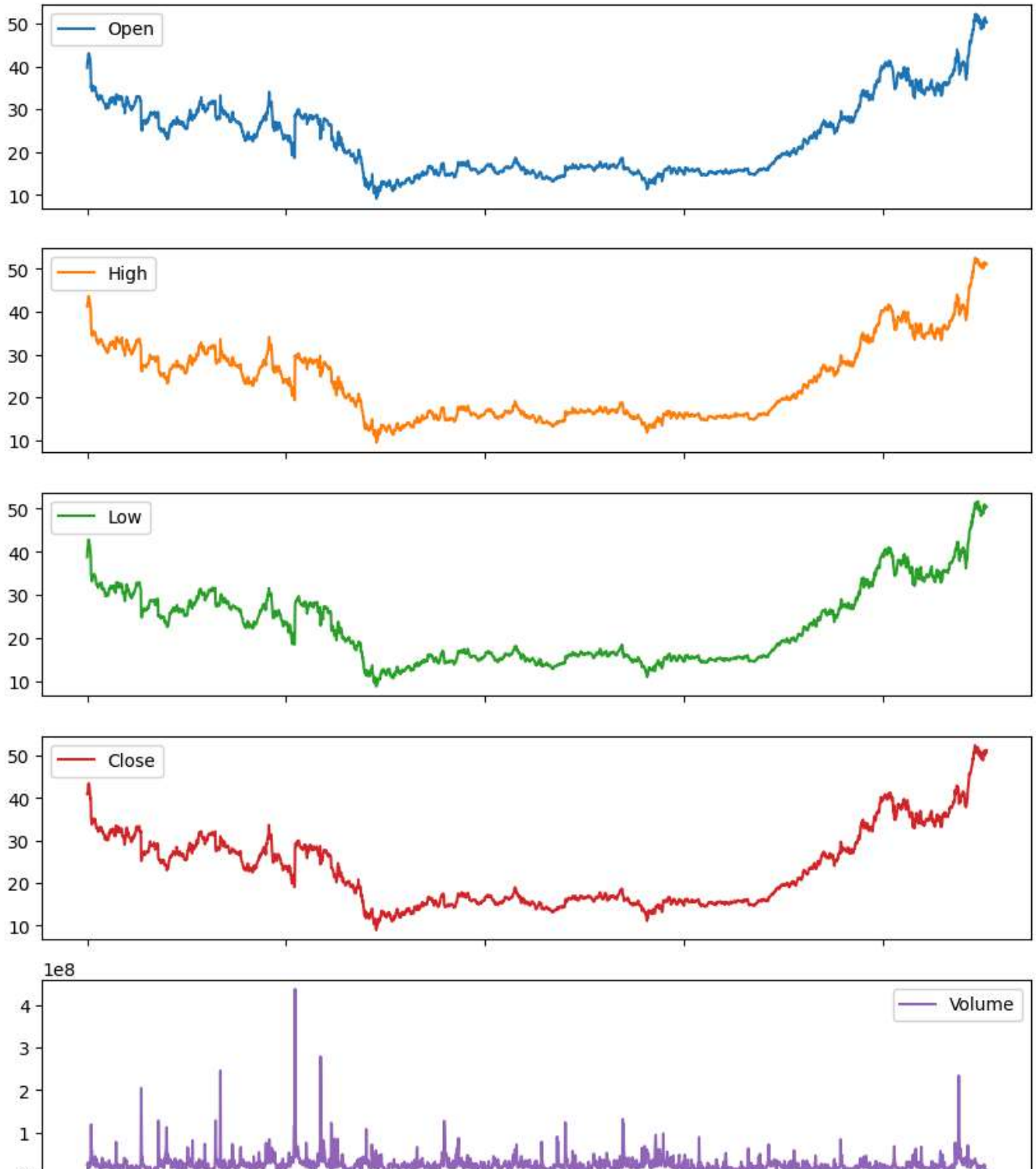
```
df['Volume'].plot()
```

```
<Axes: >
```



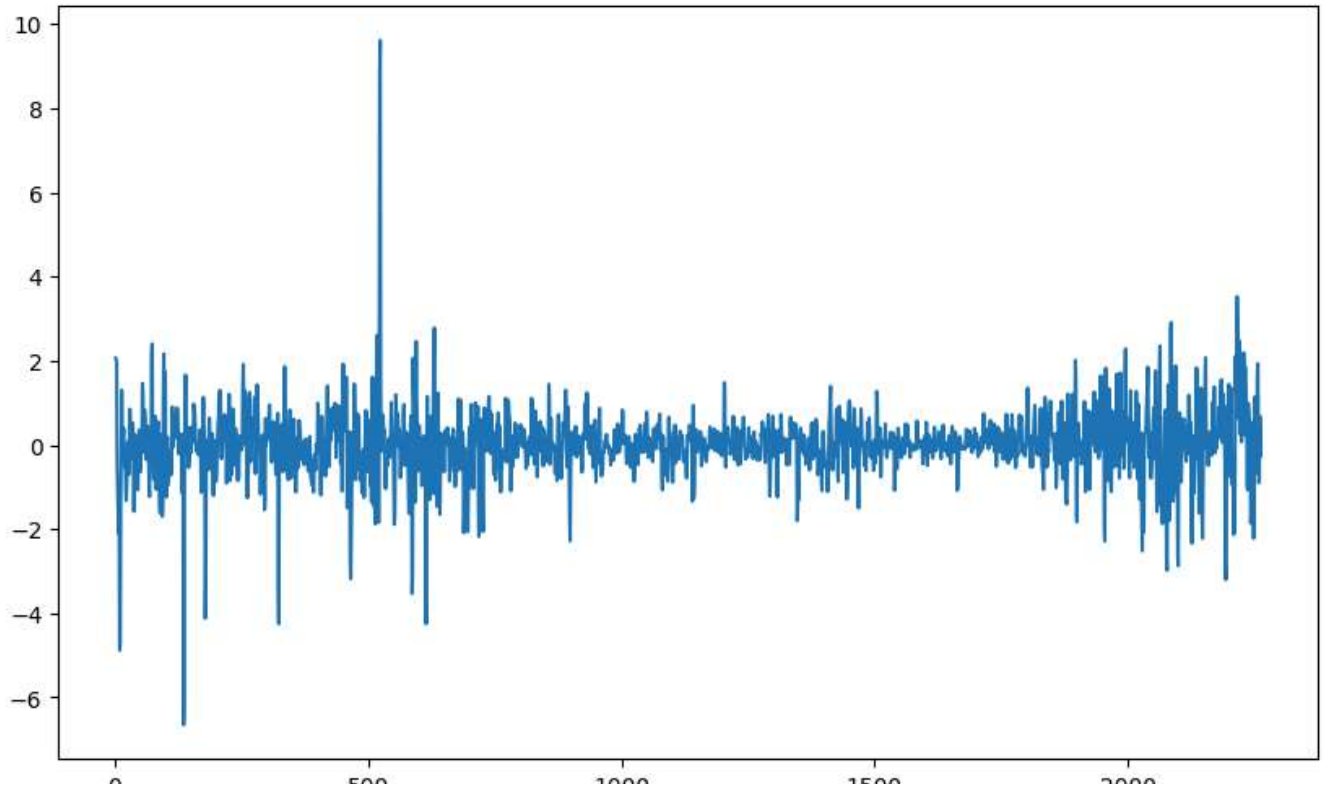

```
df.plot(subplots=True, figsize=(10, 12))
```

```
array([<Axes: >, <Axes: >, <Axes: >, <Axes: >, <Axes: >], dtype=object)
```



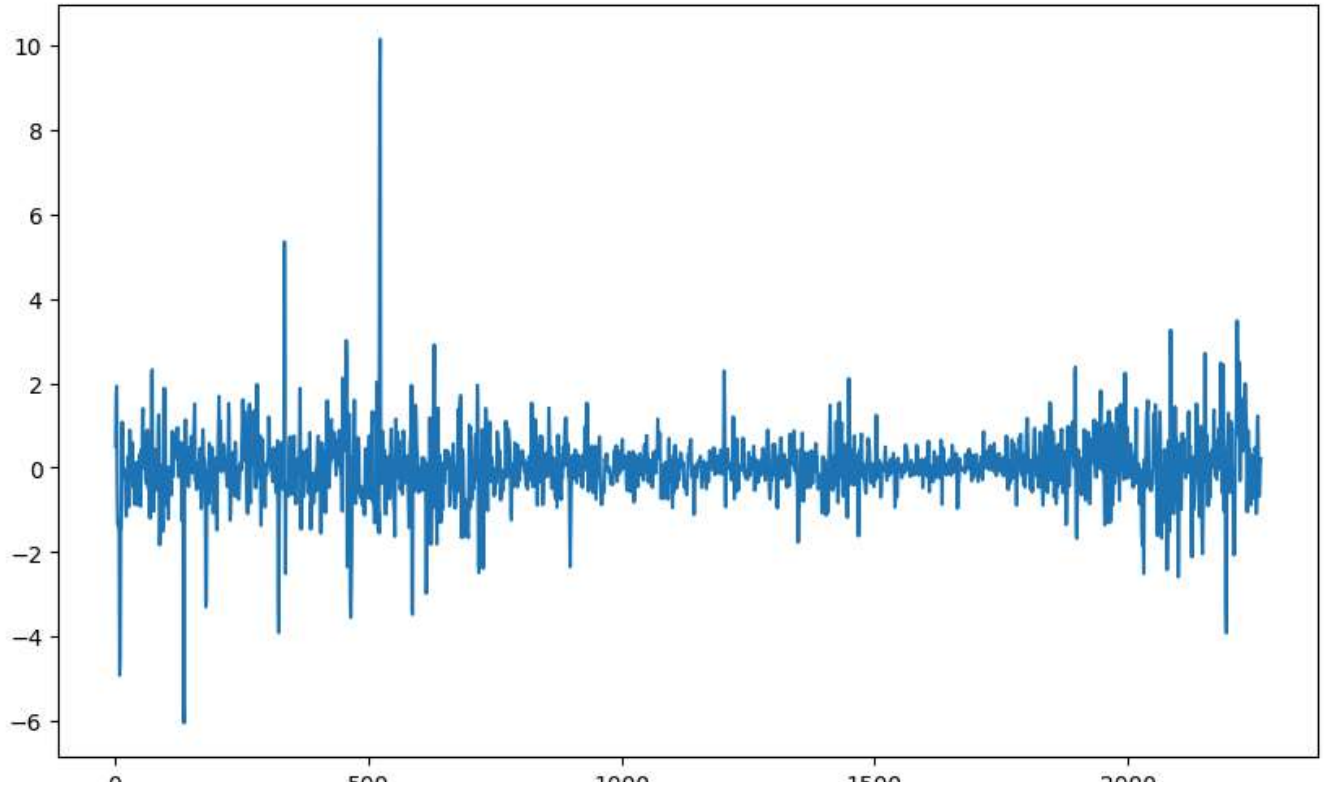

```
df.Low.diff(2).plot(figsize=(10, 6))
```

<Axes: >




```
df.High.diff(2).plot(figsize=(10, 6))
```

<Axes: >




```
df['Change'] = df.Close.div(df.Close.shift())
df['Change'].plot(figsize=(10, 8), fontsize=16)
```

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