

DataFrame shape: (10998, 9)

First 5 rows:

	Date	Open	High	Low	Close	Adj Close	Volume	Dividends	Stock Splits
0	1980-12-12	0.128348	0.128906	0.128348	0.128348	0.098943	469033600	0.0	0.0
1	1980-12-15	0.122210	0.122210	0.121652	0.121652	0.093781	175884800	0.0	0.0
2	1980-12-16	0.113281	0.113281	0.112723	0.112723	0.086898	105728000	0.0	0.0
3	1980-12-17	0.115513	0.116071	0.115513	0.115513	0.089049	86441600	0.0	0.0
4	1980-12-18	0.118862	0.119420	0.118862	0.118862	0.091630	73449600	0.0	0.0

DataFrame info:

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 10998 entries, 0 to 10997
Data columns (total 9 columns):
#   Column          Non-Null Count  Dtype
---  -
0   Date            10998 non-null  datetime64[ns]
1   Open            10998 non-null  float64
2   High            10998 non-null  float64
3   Low             10998 non-null  float64
4   Close           10998 non-null  float64
5   Adj Close       10998 non-null  float64
6   Volume          10998 non-null  int64
7   Dividends       10998 non-null  float64
8   Stock Splits    10998 non-null  float64
dtypes: datetime64[ns](1), float64(7), int64(1)
memory usage: 773.4 KB
```

Numeric Columns:  
['Open', 'High', 'Low', 'Close', 'Adj Close', 'Volume', 'Dividends', 'Stock Splits']

Datetime Columns:  
['Date']

Categorical Columns:  
['Date']

Descriptive statistics for numeric columns:

	Open	High	Low	Close	Adj Close	\
count	10998.000000	10998.000000	10998.000000	10998.000000	10998.000000	
mean	22.299160	22.539055	22.068367	22.312754	21.494496	
std	46.003685	46.496031	45.540929	46.037660	45.561916	
min	0.049665	0.049665	0.049107	0.049107	0.037857	
25%	0.299107	0.303710	0.290179	0.298549	0.241840	
50%	0.531250	0.537946	0.522321	0.531250	0.432079	
75%	20.204196	20.389554	19.998036	20.196160	17.253029	
max	236.479996	237.229996	233.089996	234.820007	234.548523	

	Volume	Dividends	Stock Splits
count	1.0998000e+04	10998.000000	10998.000000
mean	3.180806e+08	0.000752	0.001546
std	3.354523e+08	0.011753	0.083663
min	0.000000e+00	0.000000	0.000000
25%	1.132545e+08	0.000000	0.000000
50%	2.057412e+08	0.000000	0.000000
75%	3.985275e+08	0.000000	0.000000
max	7.421641e+09	0.250000	7.000000

Top categories per categorical column:

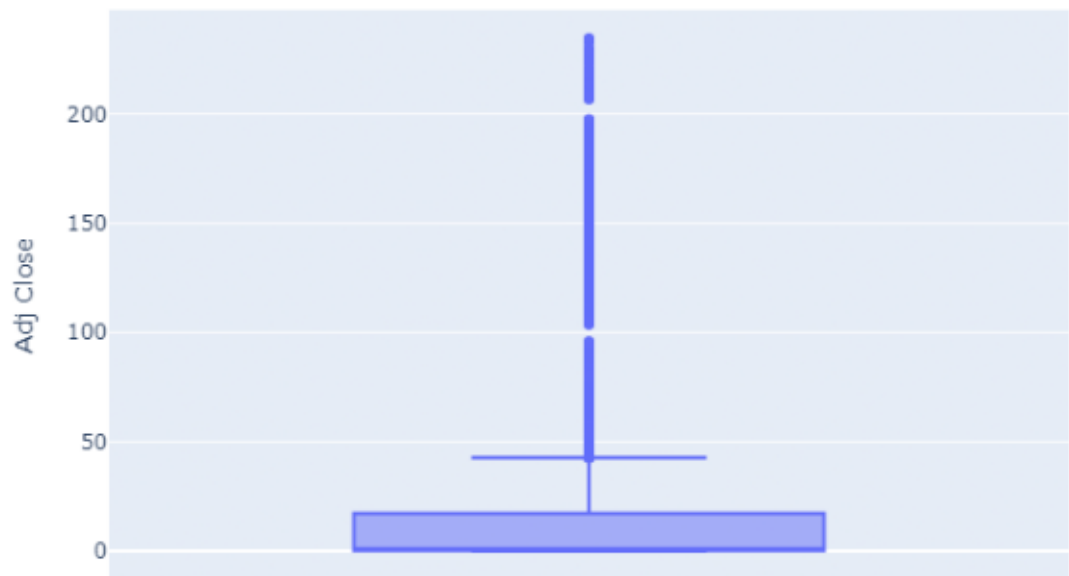
Column: Date

Date	count
2024-07-30	1
1980-12-12	1
1980-12-15	1
1980-12-16	1
1980-12-17	1
1980-12-18	1
2024-07-08	1
2024-07-05	1
2024-07-03	1
2024-07-02	1

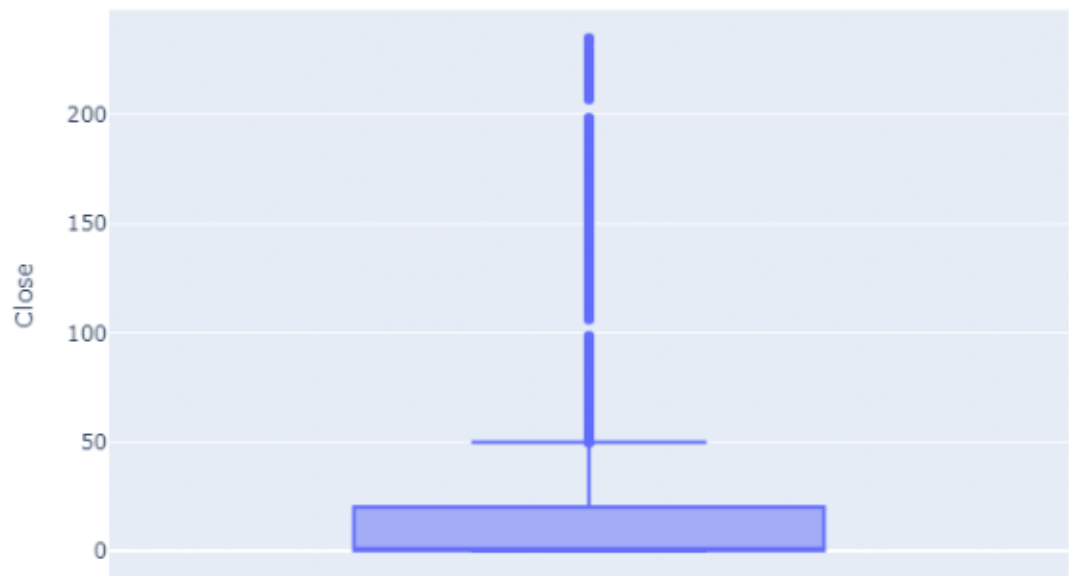
Name: count, dtype: int64

Missing Value Summary:  
No missing values.

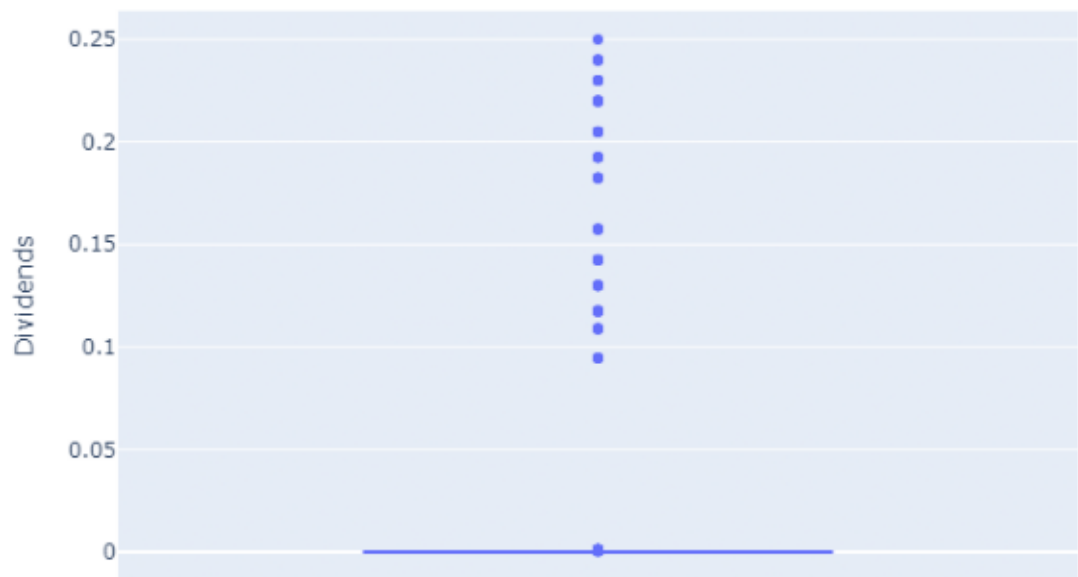
Boxplot for Adj Close



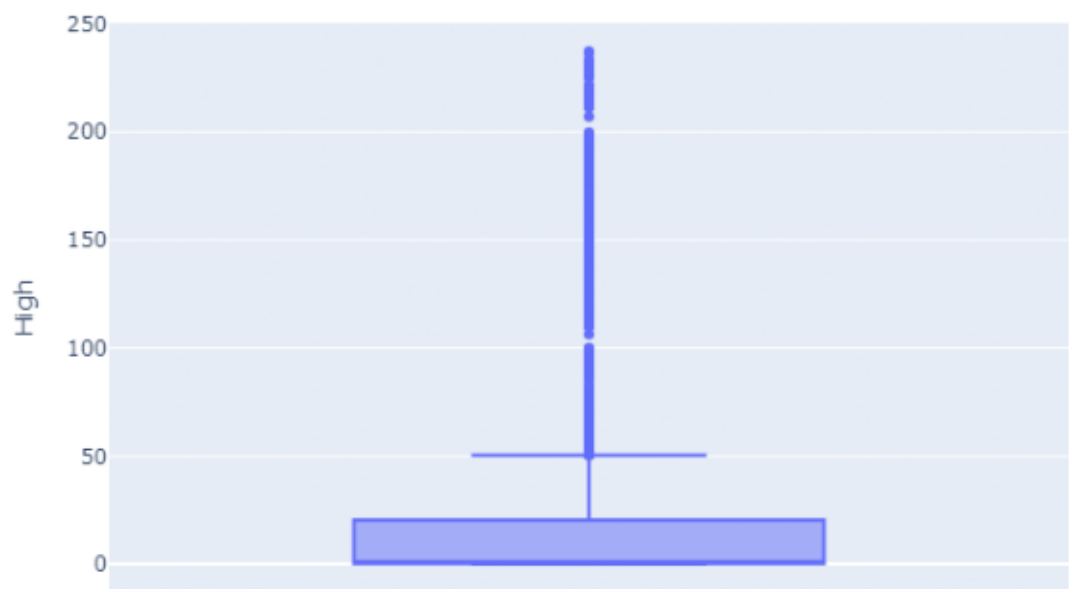
Boxplot for Close



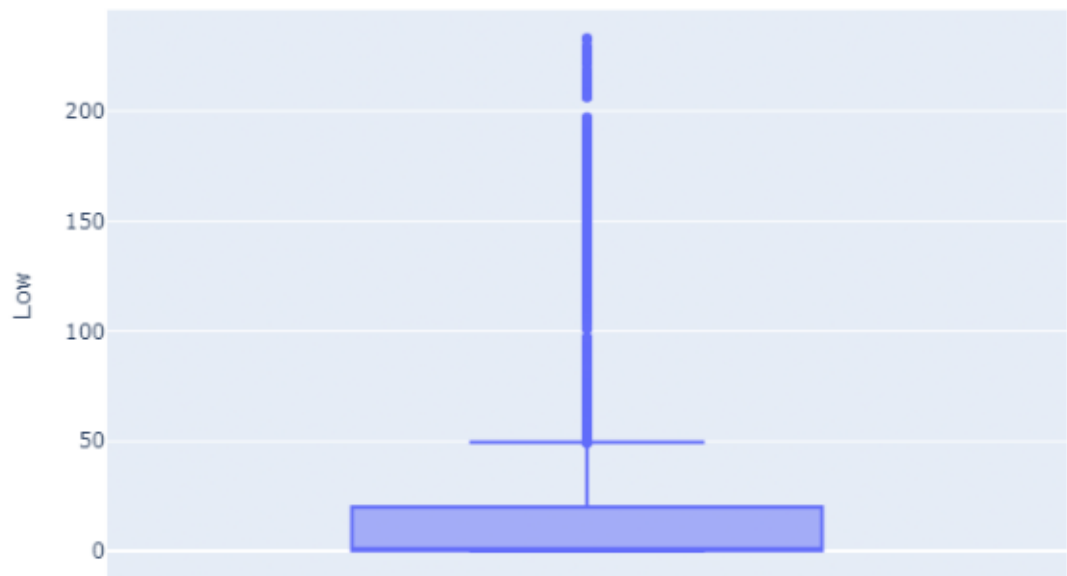
Boxplot for Dividends



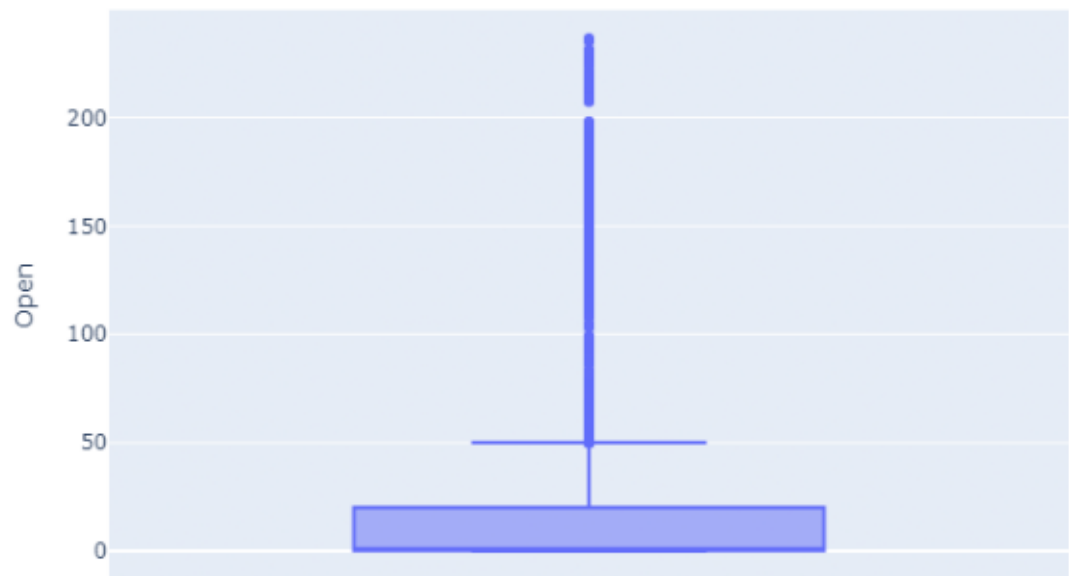
Boxplot for High



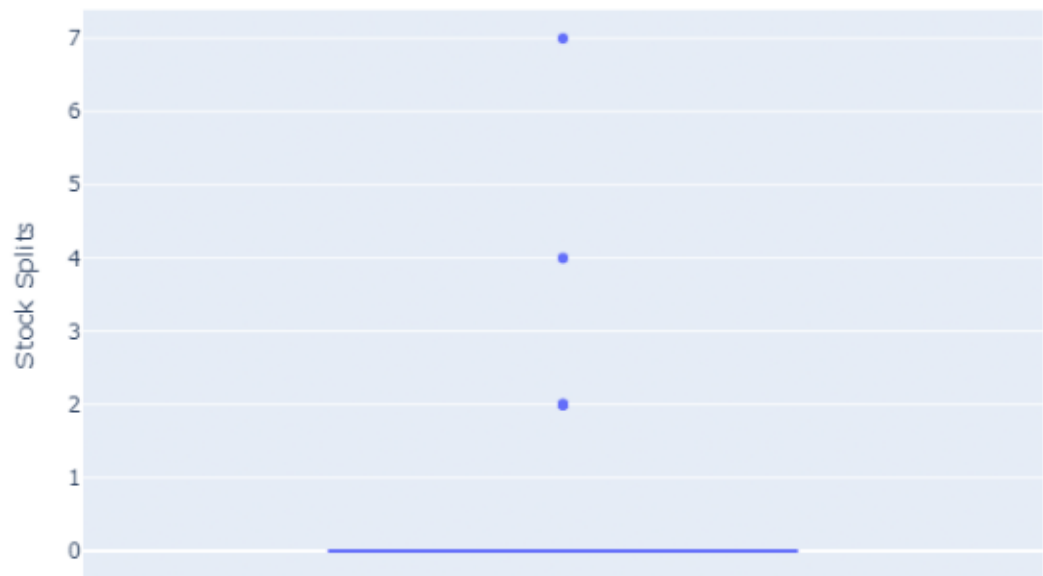
Boxplot for Low



Boxplot for Open



### Boxplot for Stock Splits

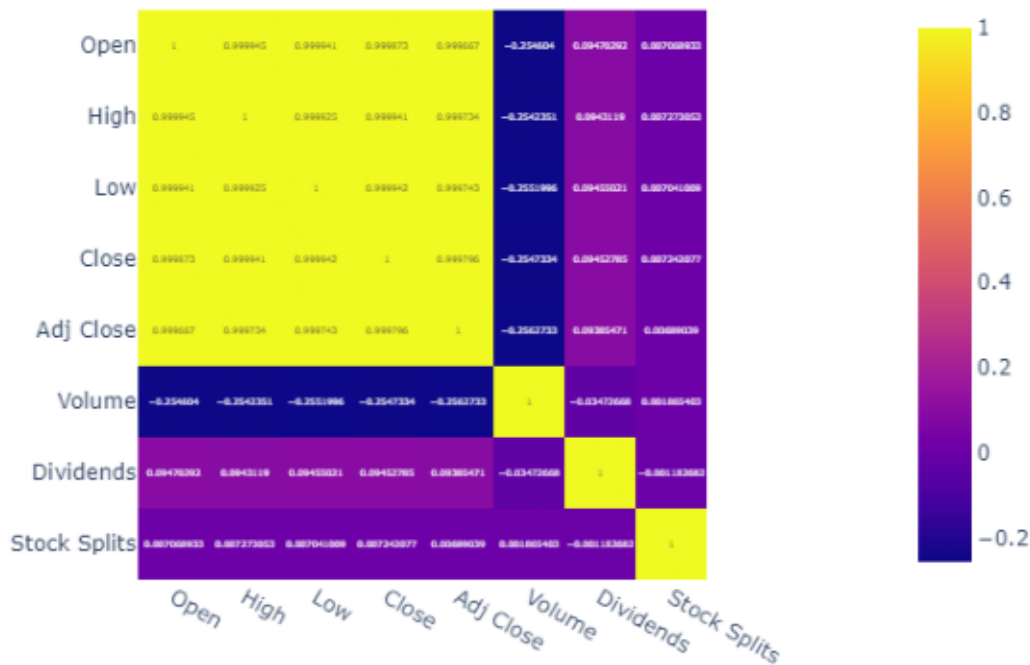




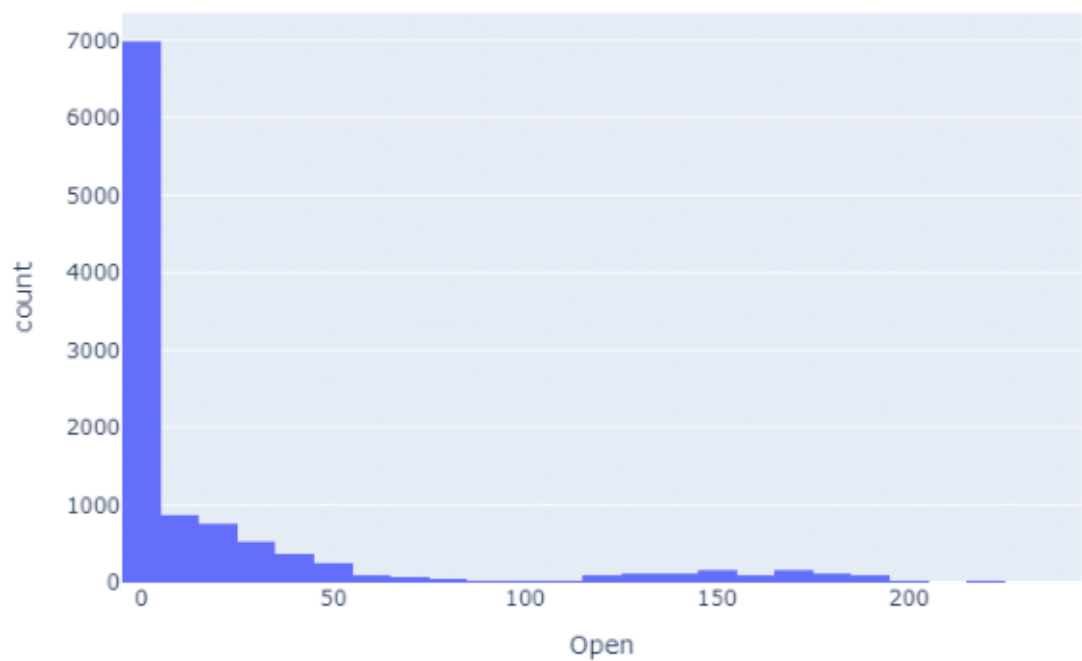
Boxplot for Volume



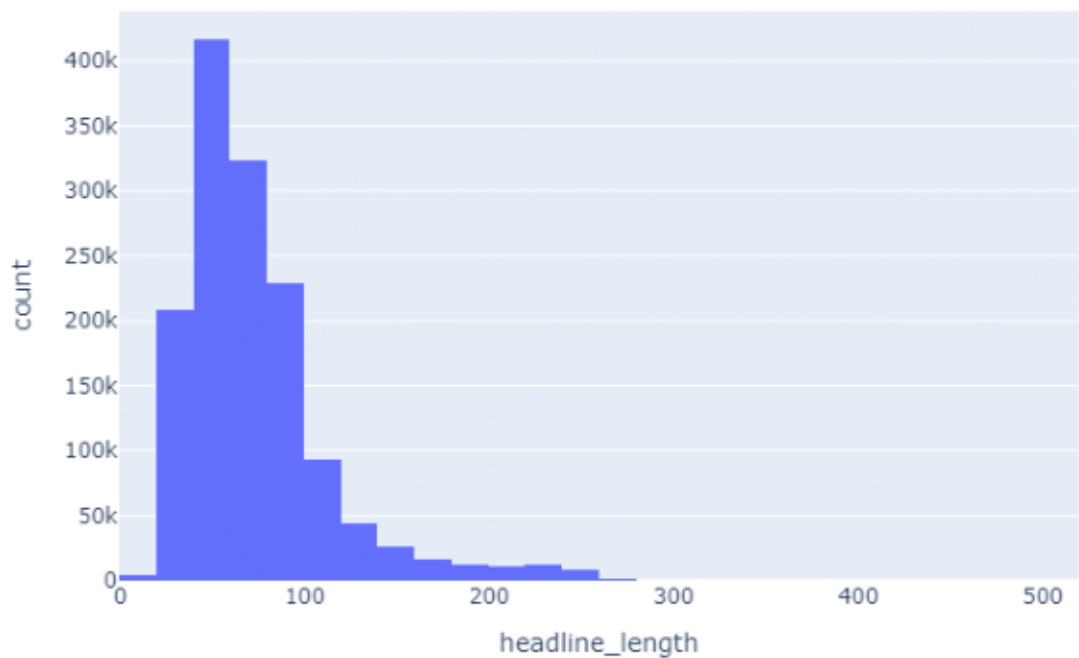
## Correlation Matrix



Distribution of Open



Headline Length Distribution



Open over Time

