

DataFrame shape: (3545, 9)

First 5 rows:

	Date	Open	High	Low	Close	Adj Close	Volume	Dividends	Stock Splits
0	2010-06-29	1.266667	1.666667	1.169333	1.592667	1.592667	281494500	0.0	0.0
1	2010-06-30	1.719333	2.028000	1.553333	1.588667	1.588667	257806500	0.0	0.0
2	2010-07-01	1.666667	1.728000	1.351333	1.464000	1.464000	123282000	0.0	0.0
3	2010-07-02	1.533333	1.540000	1.247333	1.280000	1.280000	77097000	0.0	0.0
4	2010-07-06	1.333333	1.333333	1.055333	1.074000	1.074000	103003500	0.0	0.0

DataFrame info:

<class 'pandas.core.frame.DataFrame'>
RangeIndex: 3545 entries, 0 to 3544
Data columns (total 9 columns):
Column Non-Null Count Dtype
--- -
0 Date 3545 non-null datetime64[ns]
1 Open 3545 non-null float64
2 High 3545 non-null float64
3 Low 3545 non-null float64
4 Close 3545 non-null float64
5 Adj Close 3545 non-null float64
6 Volume 3545 non-null int64
7 Dividends 3545 non-null float64
8 Stock Splits 3545 non-null float64
dtypes: datetime64[ns](1), float64(7), int64(1)
memory usage: 249.4 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	3545.000000	3545.000000	3545.000000	3545.000000	3545.000000	
mean	75.505658	77.159237	73.743492	75.487264	75.487264	
std	102.530489	104.806516	100.051787	102.456615	102.456615	
min	1.076000	1.108667	0.998667	1.053333	1.053333	
25%	11.516667	11.861333	11.216667	11.565333	11.565333	
50%	17.463333	17.688667	17.100000	17.459333	17.459333	
75%	161.880005	165.333328	158.360001	161.479996	161.479996	
max	411.470001	414.496674	405.666656	409.970001	409.970001	

	Volume	Dividends	Stock Splits
count	3.545000e+03	3545.0	3545.000000
mean	9.699708e+07	0.0	0.002257
std	7.866828e+07	0.0	0.097921
min	1.777500e+06	0.0	0.000000
25%	4.770600e+07	0.0	0.000000
50%	8.250600e+07	0.0	0.000000
75%	1.228890e+08	0.0	0.000000
max	9.140820e+08	0.0	5.000000

Top categories per categorical column:

Column: Date

Date	count
2024-07-30	1
2010-06-29	1
2010-06-30	1
2010-07-01	1
2010-07-02	1
2010-07-06	1
2010-07-07	1
2010-07-08	1
2010-07-09	1
2024-07-08	1

Name: count, dtype: int64

Missing Value Summary:
No missing values.

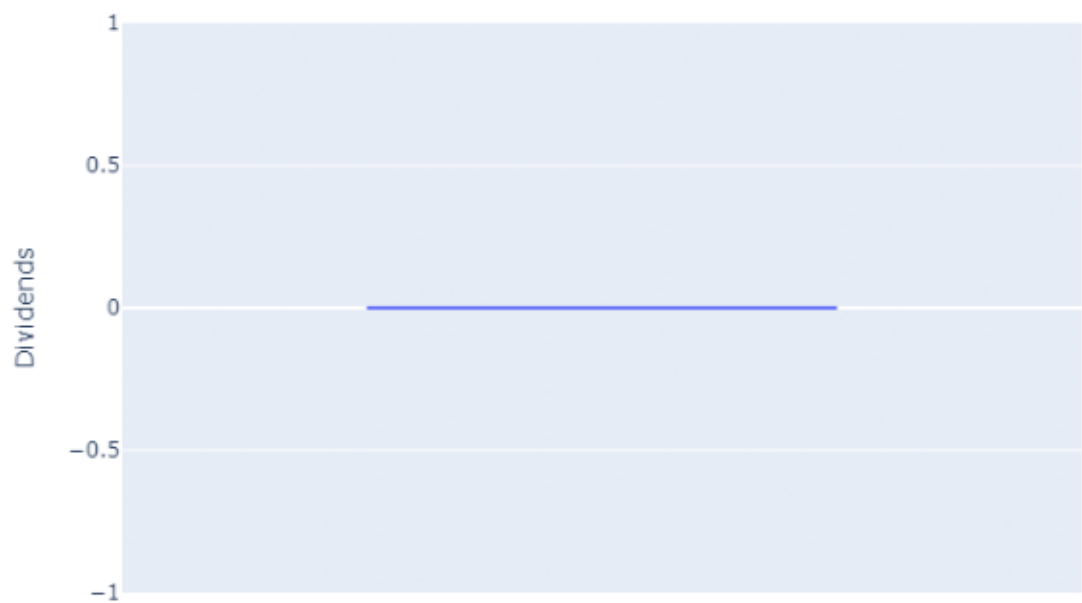
Boxplot for Adj Close



Boxplot for Close



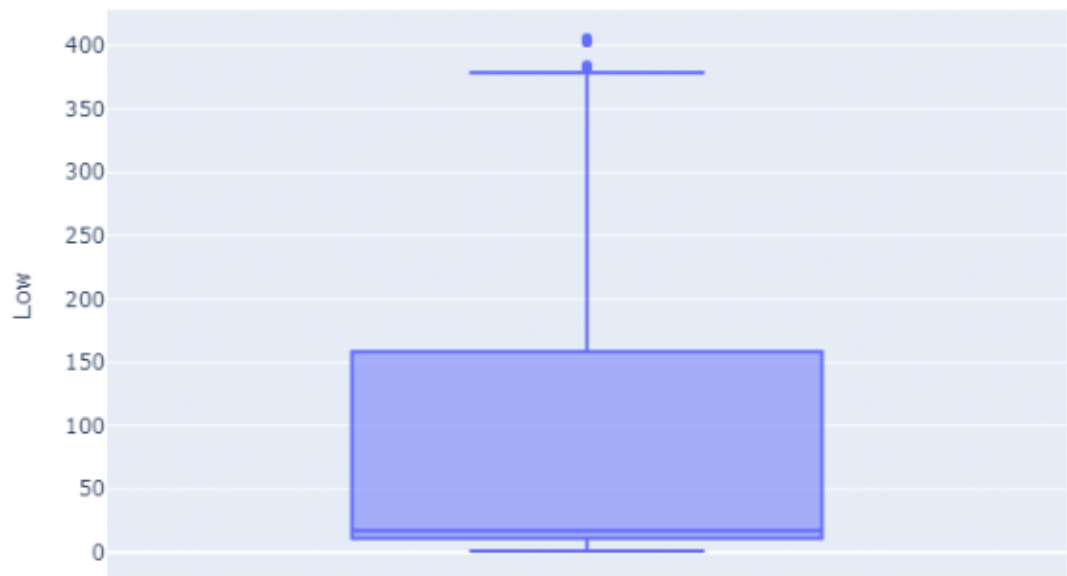
Boxplot for Dividends



Boxplot for High



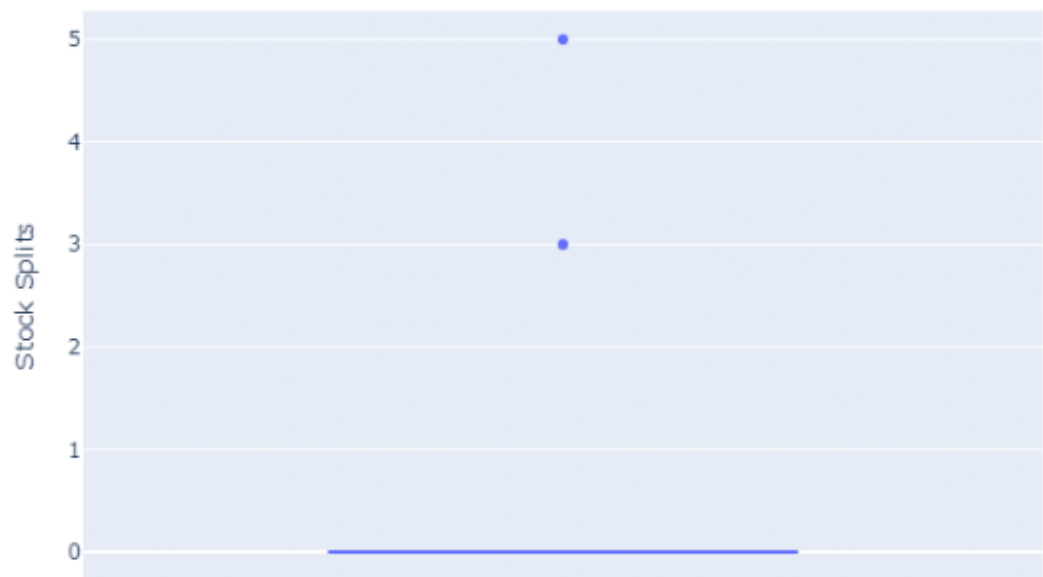
Boxplot for Low



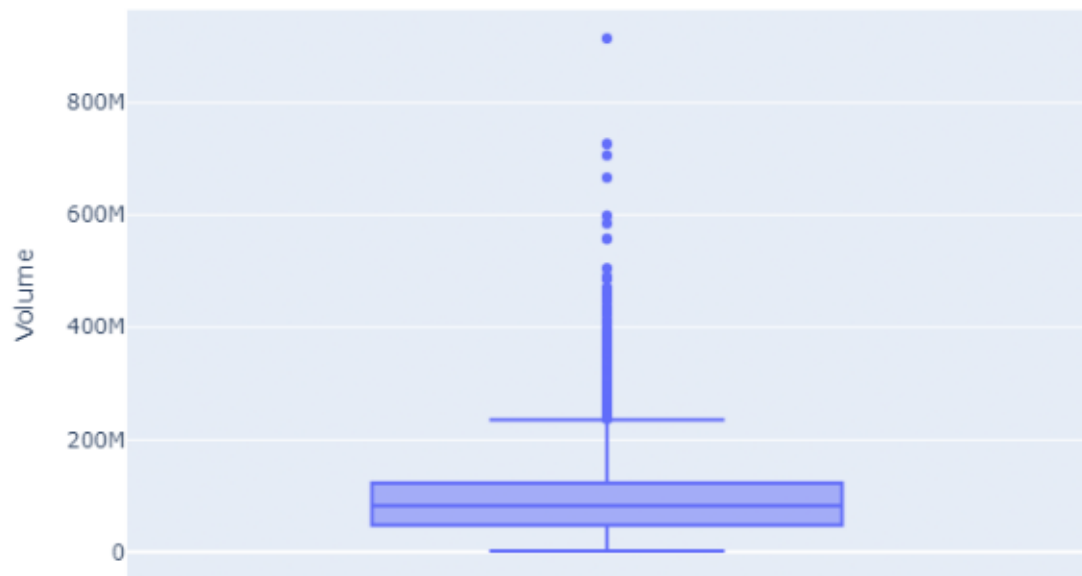
Boxplot for Open



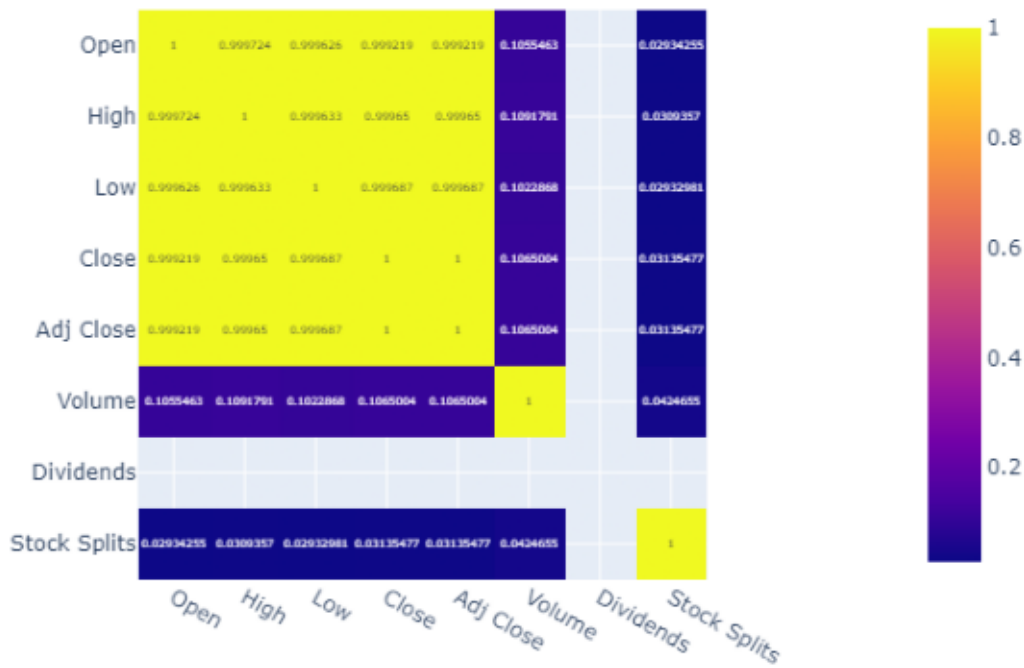
Boxplot for Stock Splits



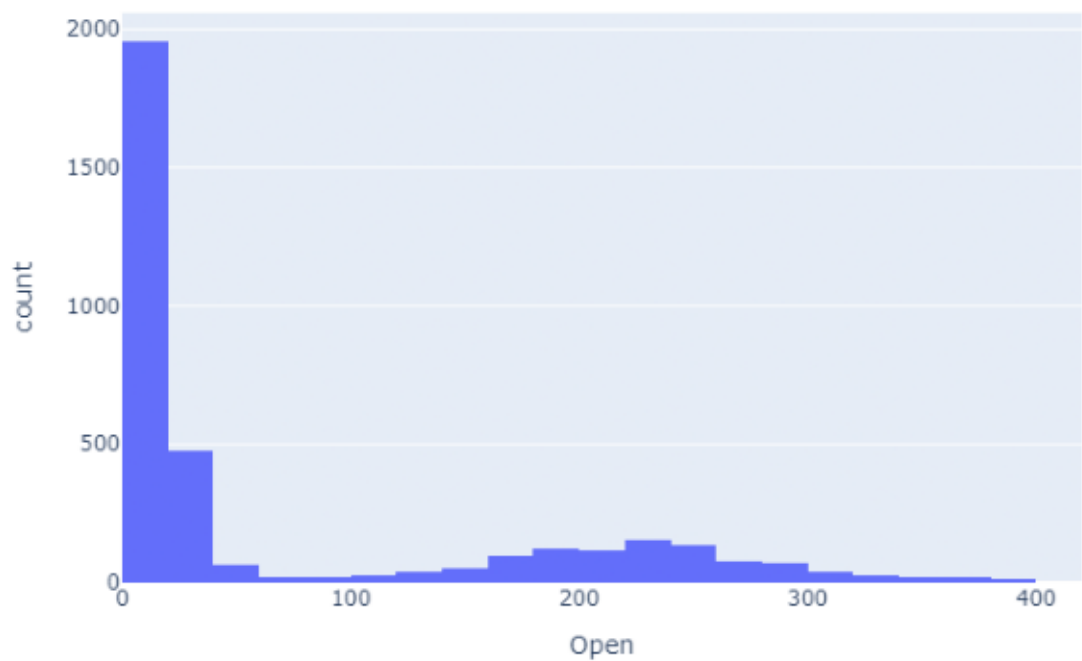
Boxplot for Volume



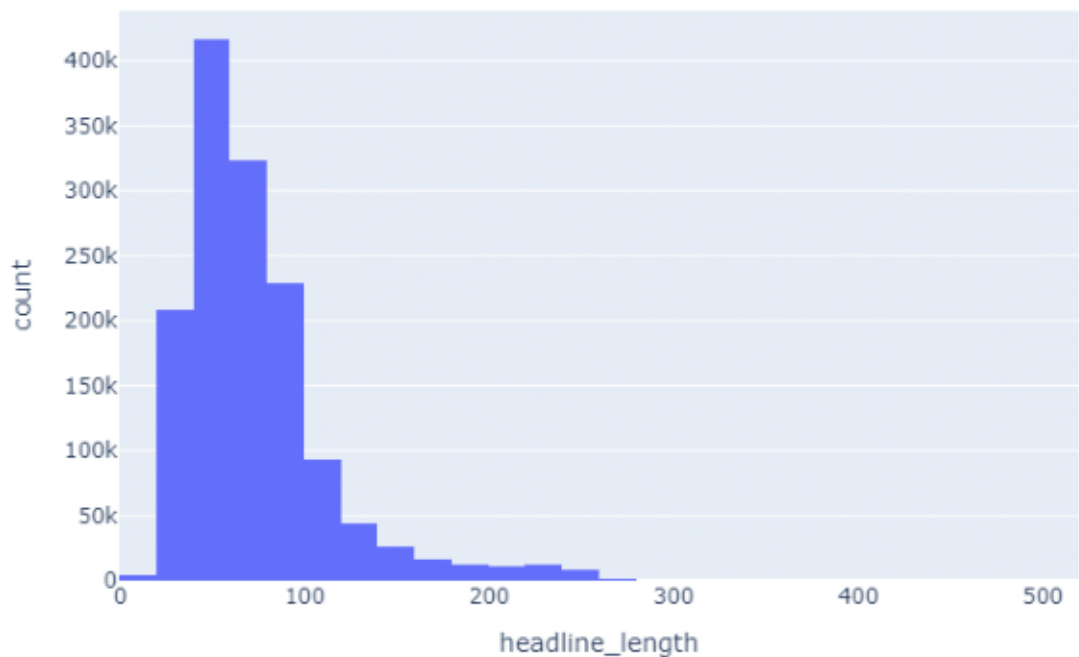
Correlation Matrix



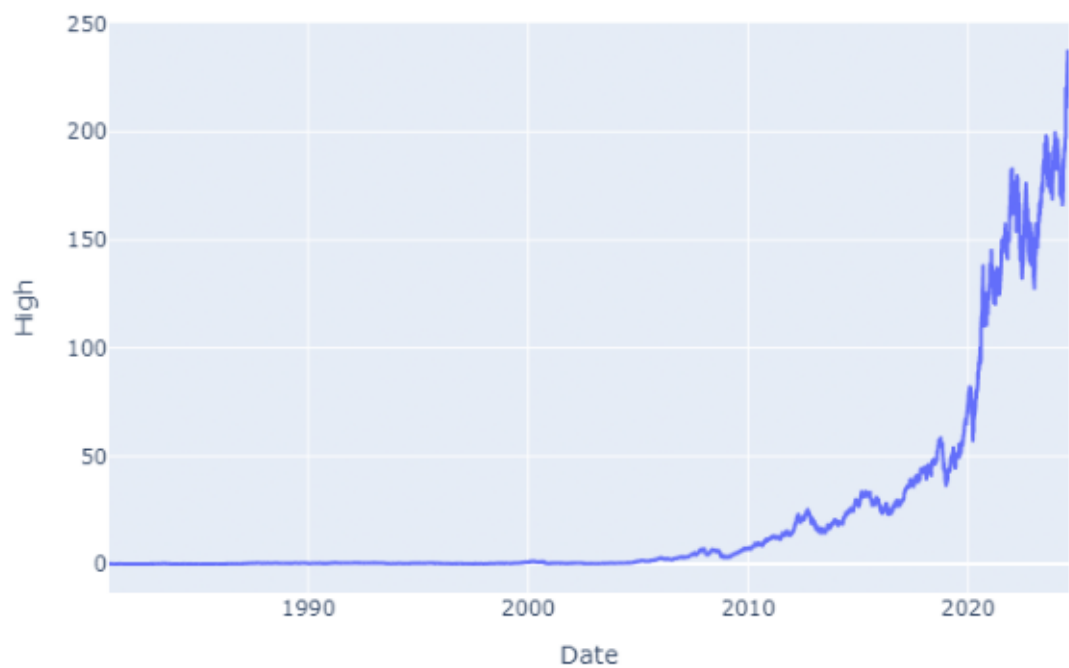
Distribution of Open



Headline Length Distribution



High over Time



Open over Time

