First 5 rows:

Date Open High ... Date2 Average Domain

0 2010-01-04 136.250000 136.610001 ... 2010-01-04 134.974998 3.470002

1 2010-01-05 133.429993 135.479996 ... 2010-01-05 133.852497 3.669998

2 2010-01-06 134.600006 134.729996 ... 2010-01-06 133.307499 3.080002

3 2010-01-07 132.009995 132.320007 ... 2010-01-07 130.782501 3.520004

4 2010-01-08 130.559998 133.679993 ... 2010-01-08 131.697498 4.649994

[5 rows x 10 columns]

Data Information:

<class 'pandas. core. frame. DataFrame'>

RangeIndex: 2857 entries, 0 to 2856

Data columns (total 10 columns):

# Column Non-Null Count Dtype

--- ------ -------------- -----

0 Date 2857 non-null object

1 Open 2857 non-null float64

2 High 2857 non-null float64

3 Low 2857 non-null float64

4 Close 2857 non-null float64

5 Adj Close 2857 non-null float64

6 Volume 2857 non-null int64

7 Date2 2857 non-null datetime64[ns]

8 Average 2857 non-null float64

9 Domain 2857 non-null float64

dtypes: datetime64[ns](1), float64(7), int64(1), object(1)

memory usage: 223.3+ KB

Missing Values:

Date 0.0

Open 0.0

High 0.0

Low 0.0

Close 0.0

Adj Close 0.0

Volume 0.0

Date2 0.0

Average 0.0

Domain 0.0

dtype: float64

Descriptive Statistics:

Open High ... Average Domain

Count 2857.000000 2857.000000 ... 2857.000000 2857.000000

mean 932.507225 942.345596 ... 932.078708 21.026065

min 105.930000 111.290001 ... 109.562500 1.339996

25% 249.369995 252.699997 ... 249.877499 5.379944

50% 524.000000 529.950012 ... 524.862503 9.410004

75% 1613.920044 1626.000000 ... 1612.062500 23.290040

max 3547.000000 3554.000000 ... 3529.347473 275.900146

std 903.041614 913.108436 ... 902.267584 27.875518

[8 rows x 9 columns]

Price Probability Distribution: Log-Normal

Kurtosis:

Open 0.572475

High 0.579097

Low 0.554366

Close 0.559539

Adj Close 0.559539

Volume 30.125103

dtype: float64

Skewness:

Open 1.247892

High 1.251044

Low 1.242194

Close 1.244724

Adj Close 1.244724

Volume 3.849024

dtype: float64

Correlation Matrix:

Open High Low Close Adj Close Volume

Open 1.000000 0.999891 0.999848 0.999734 0.999734 -0.046575

High 0.999891 1.000000 0.999820 0.999868 0.999868 -0.043299

Low 0.999848 0.999820 1.000000 0.999881 0.999881 -0.051236

Close 0.999734 0.999868 0.999881 1.000000 1.000000 -0.047413

Adj Close 0.999734 0.999868 0.999881 1.000000 1.000000 -0.047413

Volume -0.046575 -0.043299 -0.051236 -0.047413 -0.047413 1.000000

Price and Date correlation:

Date Price

Date 1.000000 0.891903

Price 0.891903 1.000000

Volume and Date correlation:

Date Volume

Date 1.000000 -0.162467

Volume -0.162467 1.000000

Volume and Domain correlation:

Domain Volume

Domain 1.000000 0.219576

Volume 0.219576 1.000000

