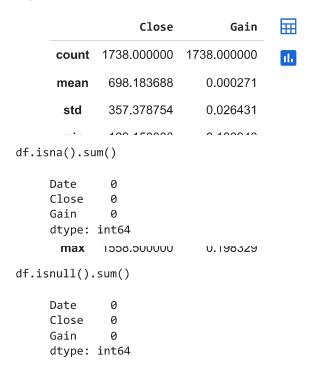
df.describe()

```
import pandas as pd
import numpy as np
df = pd.read_csv('/content/Lab_2_BEML_gain.csv')
df.head()
                                        \blacksquare
                     Close
                                Gain
              Date
      0 2010-01-05 1134.60 -0.000881
                                        ıl.
      1 2010-01-06 1139.60
                             0.004407
      2 2010-01-07 1144.15
                             0.003993
      3 2010-01-08 1144.05 -0.000087
      4 2010-01-11 1137.00 -0.006162
df.info()
     <class 'pandas.core.frame.DataFrame'>
     RangeIndex: 1738 entries, 0 to 1737
     Data columns (total 3 columns):
         Column Non-Null Count Dtype
          Date
                  1738 non-null
                                  object
          Close 1738 non-null
                                  float64
          Gain
                  1738 non-null
                                  float64
     dtypes: float64(2), object(1)
     memory usage: 40.9+ KB
```

https://colab.research.google.com/drive/1ng6ZOFfzhRi2EplaU3qGr1jOp052L46r?authuser=1#scrollTo=egVlvYMk9NB5&printMode=true



Calculate the daily return

```
df['daily_return'] = df['Close'].pct_change()
df
```

	Date	Close	Gain	daily_return	\blacksquare
0	2010-01-05	1134.60	-0.000881	NaN	ıl.
1	2010-01-06	1139.60	0.004407	0.004407	
2	2010-01-07	1144.15	0.003993	0.003993	
3	2010-01-08	1144.05	-0.000087	-0.000087	
4	2010-01-11	1137.00	-0.006162	-0.006162	

Calculate the probabilities

