Data Visualization

PNT2022TMID26965

```
import numpy as np
import pandas as pd
import seaborn as sns
import matplotlib.pyplot as plt
ds=pd.read_csv(r"/content/Crude-Oil-Prices-Daily.csv")
ds.head()
```

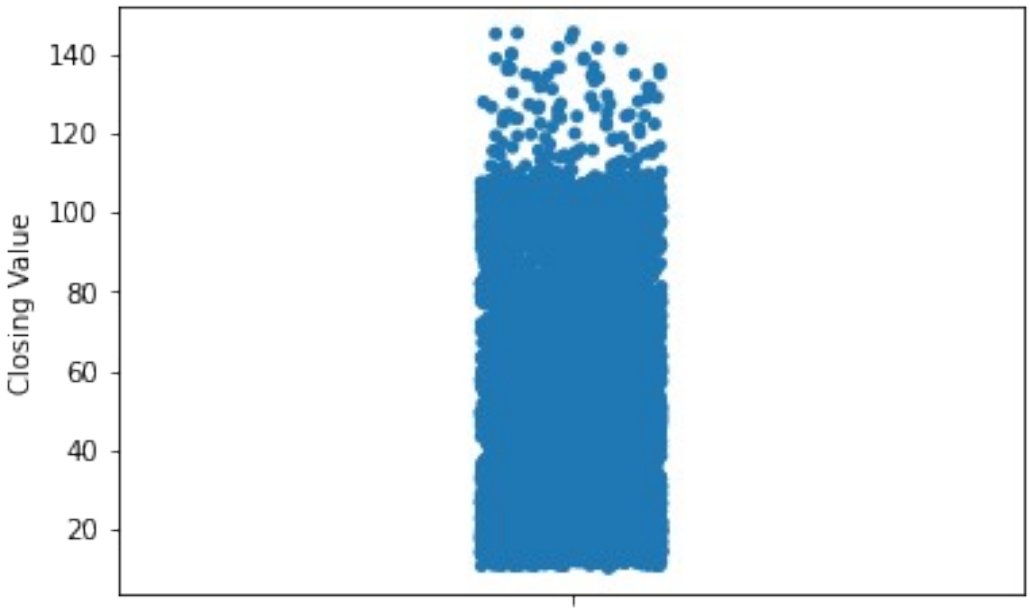
```
       Date  Closing Value
0  1/2/1986          25.56
1  1/3/1986          26.00
2  1/6/1986          26.53
3  1/7/1986          25.85
4  1/8/1986          25.87
```

```
ds.dtypes
```

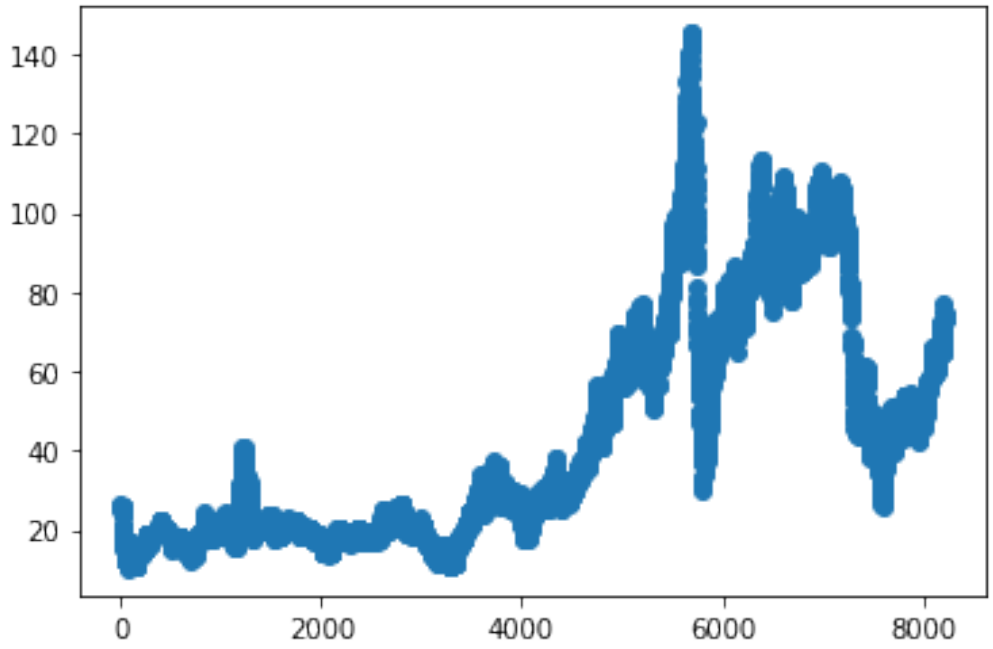
```
Date              object
Closing Value    float64
dtype: object
```

```
sns.stripplot(y='Closing Value',data=ds)
```

```
<matplotlib.axes._subplots.AxesSubplot at 0x7fabcbcc9b10>
```




```
plt.scatter(ds.index,ds['Closing Value'])
plt.show()
```




```
plt.hist(ds['Closing Value'])
```

```
(array([3372., 1304.,  794.,  744.,  585.,  470.,  692.,  182.,   45.,
          28.]),
 array([ 10.25 ,  23.756,  37.262,  50.768,  64.274,  77.78 ,  91.286,
        104.792, 118.298, 131.804, 145.31 ]),
 <a list of 10 Patch objects>)
```