DataVisualization

PNT2022TMID36951

```
importnumpyas
npimportpandasas
pdimport seabornassns
importmatplotlib.pyplotaspltds=pd.read_csv(r"/content/
Crude-Oil-Prices-Daily.csv")ds.head()
```

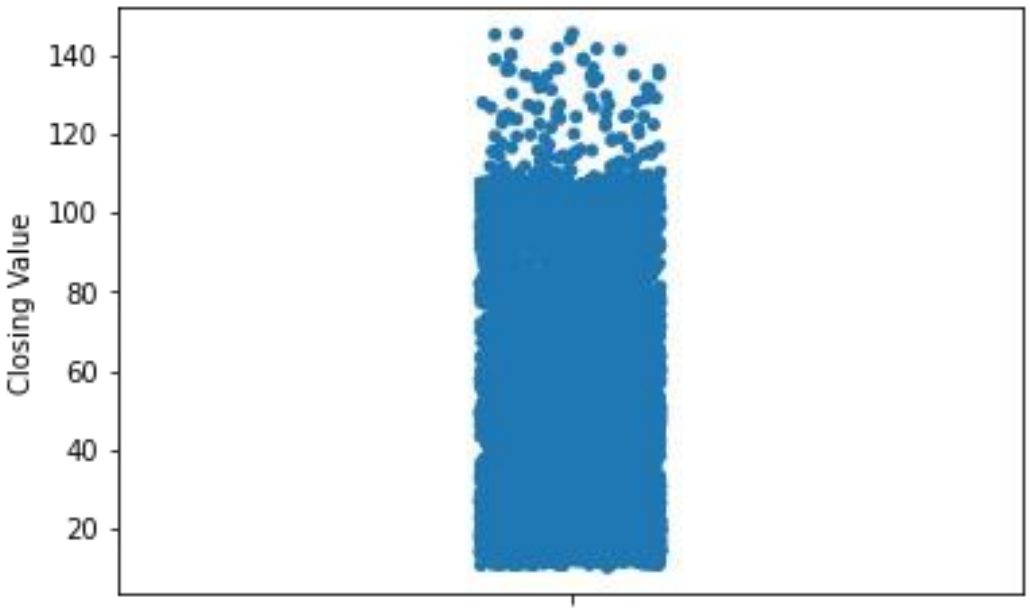
```
       DateClosingValue01/
2/1986                25.56
11/3/1986             26.00
21/6/1986             26.53
31/7/1986             25.85
41/8/1986             25.87
```

```
ds.dtypes
```

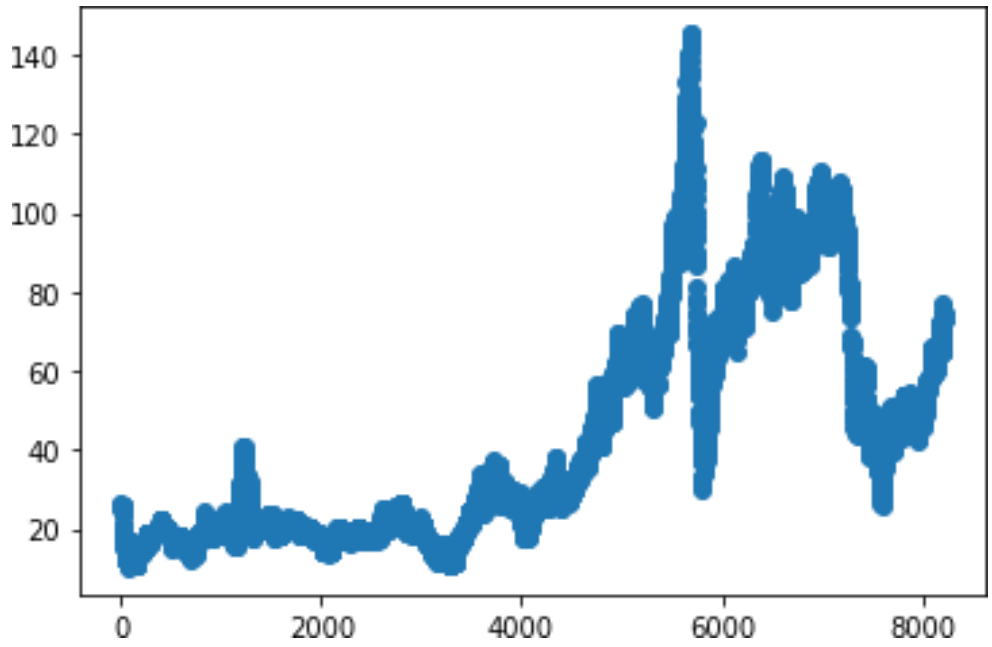
```
Date               object
ClosingValue
                  float64
dtype:object
```

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

```
<matplotlib.axes._subplots.AxesSubplotat0x7fabcbcc9b10>
```




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




```
plt.hist(ds['ClosingValue'])
```

```
(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 ]),
 <alistof10 Patchobjects>)
```