

```
In [4]: import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
pd.plotting.register_matplotlib_converters()
%matplotlib inline
```

```
In [2]: df =pd.read_csv('../Desktop/DS/Heart_Disease_Prediction.csv')
df
```

Out[2]:

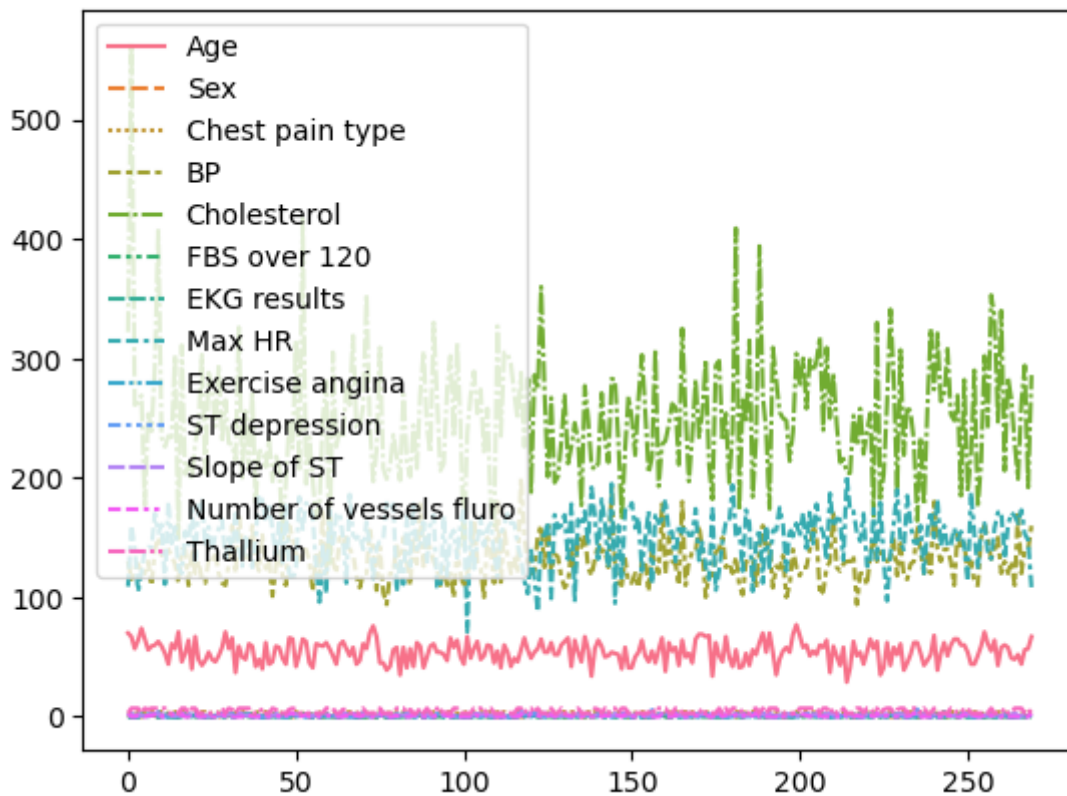
	Age	Sex	Chest pain type	BP	Cholesterol	FBS over 120	EKG results	Max HR	Exercise angina	depression	ST	Slope of ST	Number of vessels fluor
0	70	1	4	130	322	0	2	109	0	2.4	2		3
1	67	0	3	115	564	0	2	160	0	1.6	2		0
2	57	1	2	124	261	0	0	141	0	0.3	1		0
3	64	1	4	128	263	0	0	105	1	0.2	2		1
4	74	0	2	120	269	0	2	121	1	0.2	1		1
...
265	52	1	3	172	199	1	0	162	0	0.5	1		0
266	44	1	2	120	263	0	0	173	0	0.0	1		0
267	56	0	2	140	294	0	2	153	0	1.3	2		0
268	57	1	4	140	192	0	0	148	0	0.4	2		0
269	67	1	4	160	286	0	2	108	1	1.5	2		3

270 rows × 14 columns



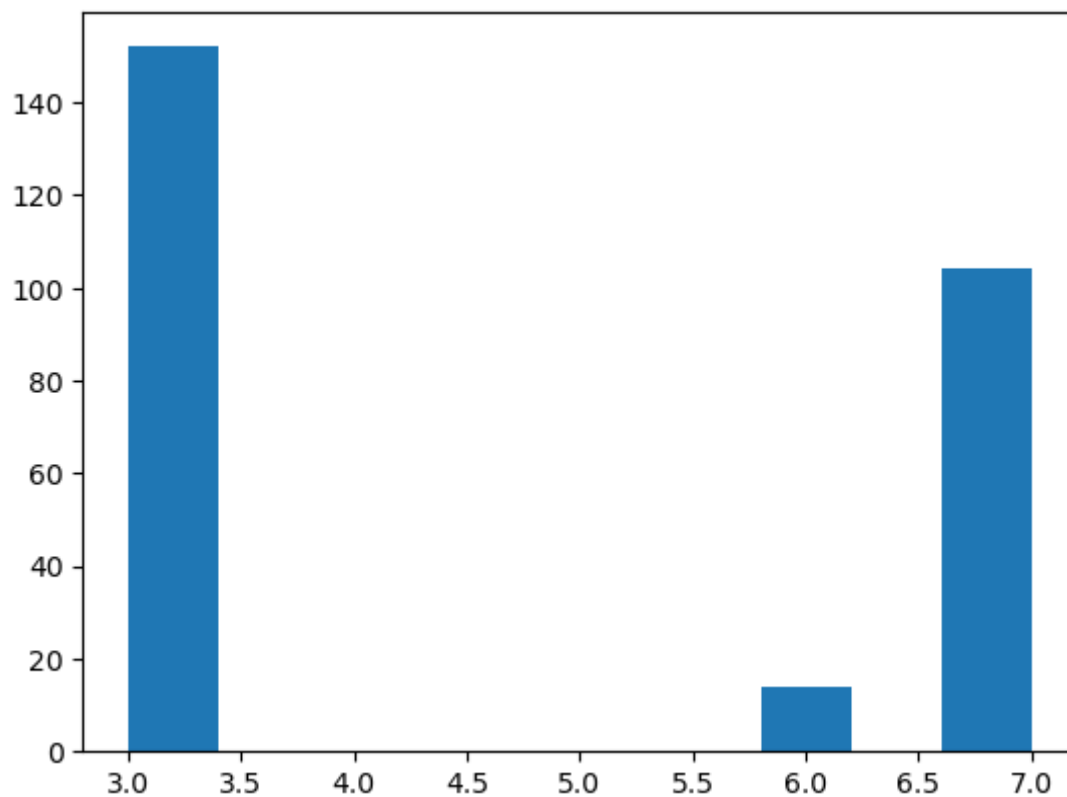
```
In [5]: sns.lineplot(data = df)
```

Out[5]: <Axes: >



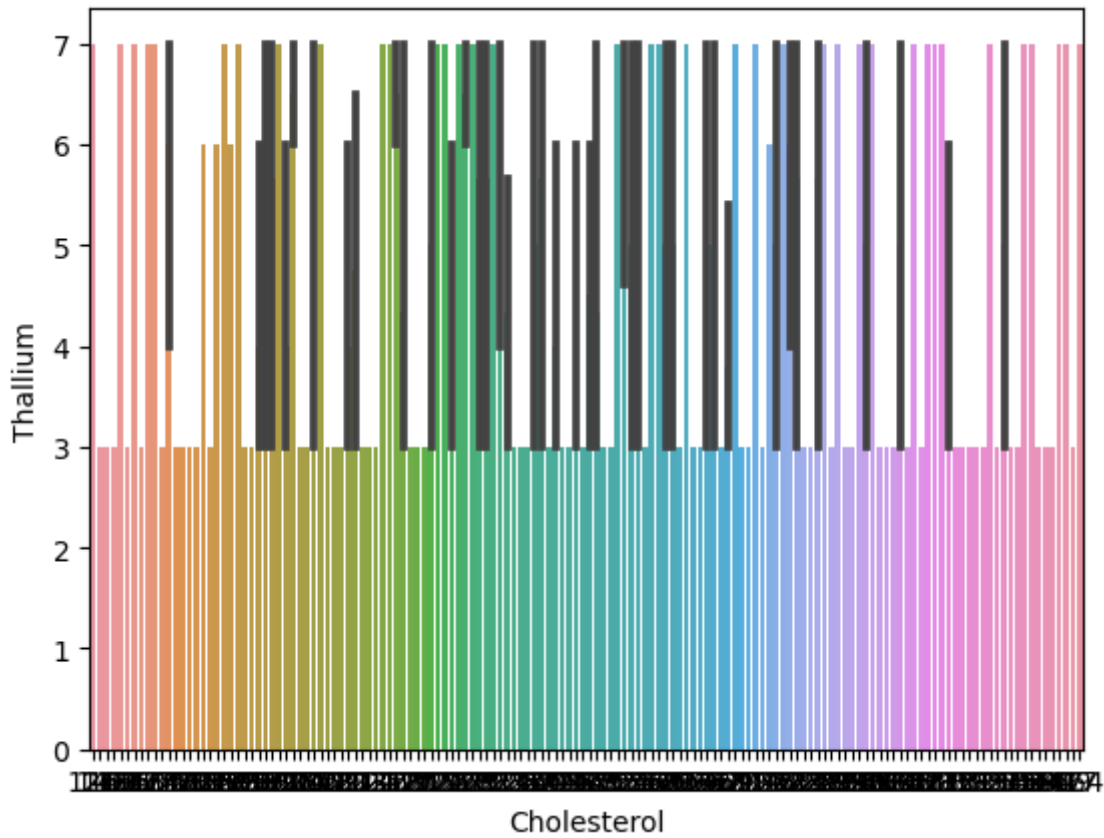
```
In [10]: plt.hist(df['Thallium'])
```

```
Out[10]: (array([152.,  0.,  0.,  0.,  0.,  0.,  0., 14.,  0., 104.]),
 array([3. , 3.4, 3.8, 4.2, 4.6, 5. , 5.4, 5.8, 6.2, 6.6, 7. ]),
 <BarContainer object of 10 artists>)
```



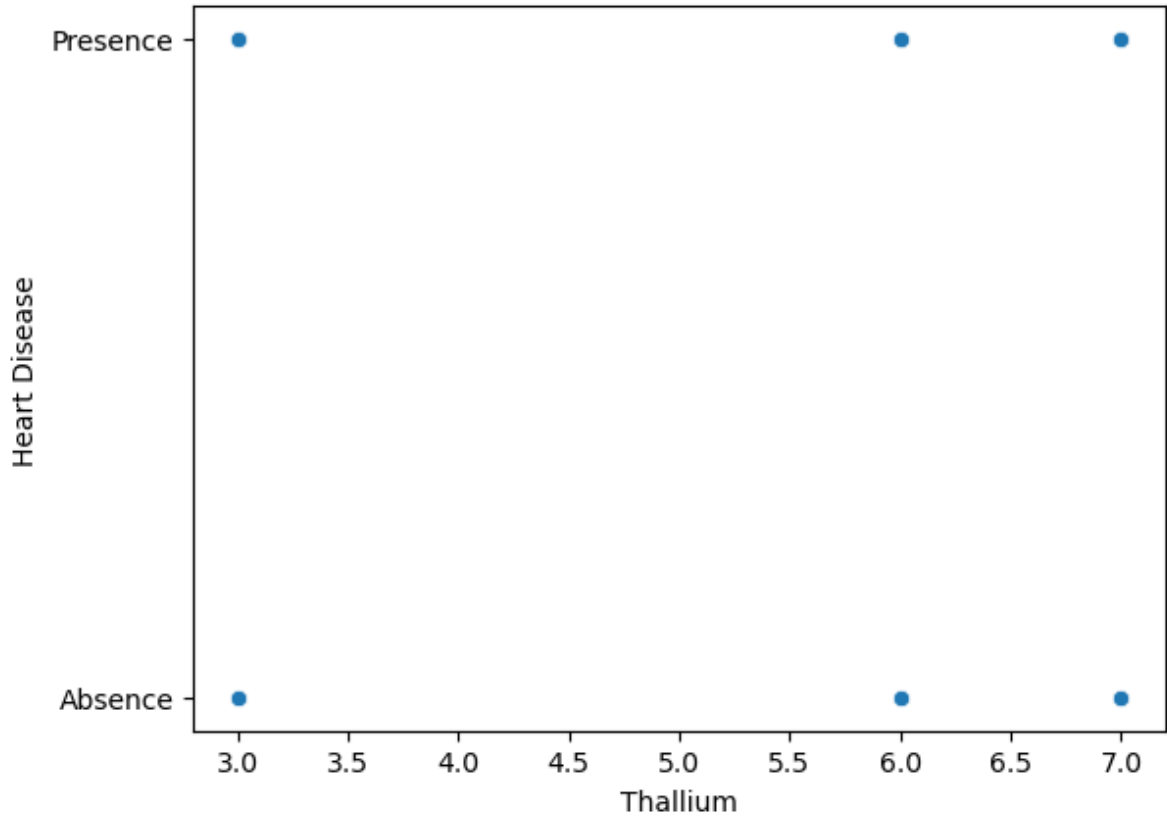
```
In [12]: sns.barplot(x=df['Cholesterol'], y=df['Thallium'])
```

```
Out[12]: <Axes: xlabel='Cholesterol', ylabel='Thallium'>
```



```
In [13]: sns.scatterplot(x=df['Thallium'], y=df['Heart Disease'])
```

```
Out[13]: <Axes: xlabel='Thallium', ylabel='Heart Disease'>
```



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In [ ]:
```