

```
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
from google.colab import files
uploaded=files.upload()
```

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Saving heartdisease.csv to heartdisease.csv

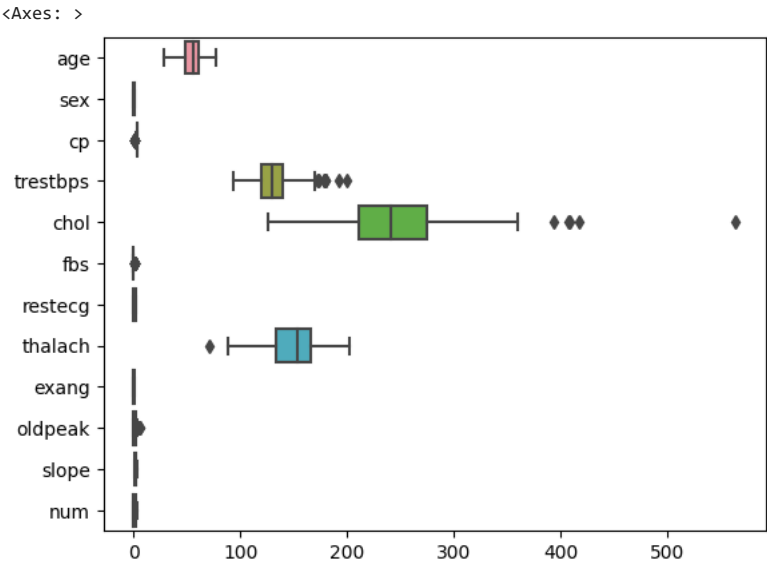
```
df=pd.read_csv('heartdisease.csv')
```

df

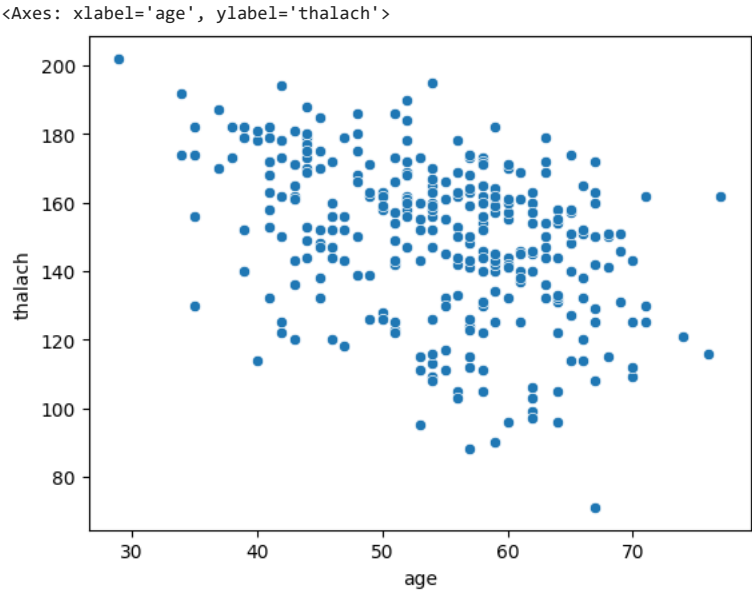
	age	sex	cp	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	slope	ca	thal
0	63	1	1	145	233	1	2	150	0	2.3	3	0	6
1	67	1	4	160	286	0	2	108	1	1.5	2	3	3
2	67	1	4	120	229	0	2	129	1	2.6	2	2	7
3	37	1	3	130	250	0	0	187	0	3.5	3	0	3
4	41	0	2	130	204	0	2	172	0	1.4	1	0	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...
298	45	1	1	110	264	0	0	132	0	1.2	2	0	7
299	68	1	4	144	193	1	0	141	0	3.4	2	2	7
300	57	1	4	130	131	0	0	115	1	1.2	2	1	7
301	57	0	2	130	236	0	2	174	0	0.0	2	1	3
302	38	1	3	138	175	0	0	173	0	0.0	1	?	3

303 rows × 14 columns

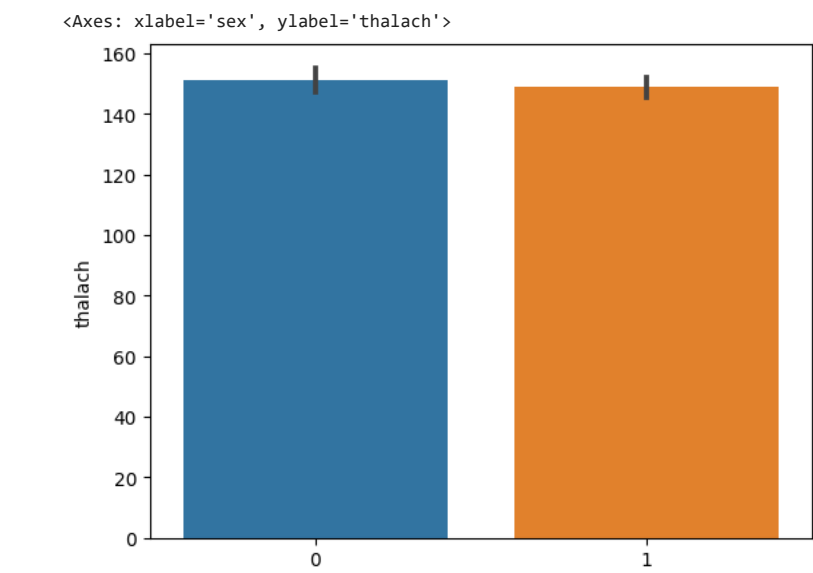
```
#box plot
sns.boxplot(data=df,orient='h')
```



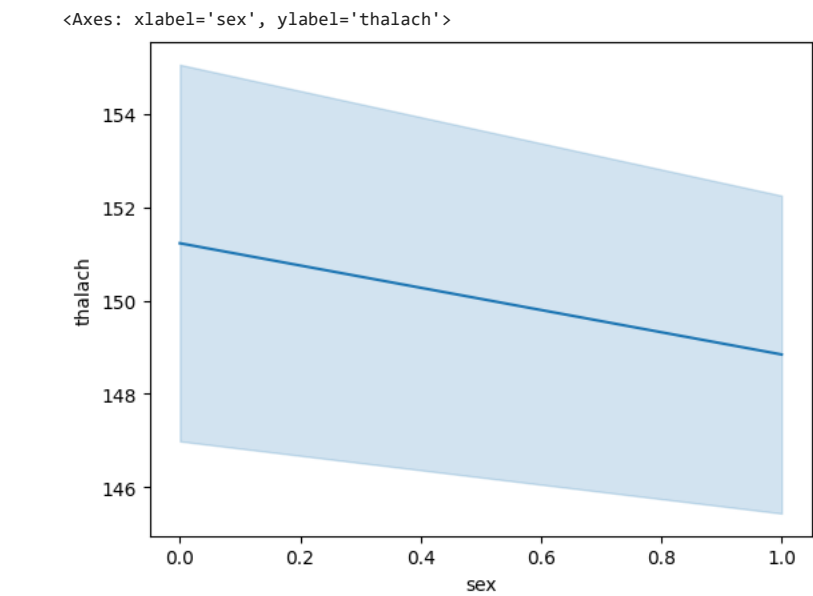
```
# scatterplot
sns.scatterplot(x='age',y='thalach',data=df)
```



```
# barplot
sns.barplot(x='sex',y='thalach',data=df)
```



```
# scatterplot
sns.lineplot(x='sex',y='thalach',data=df)
```



```
# pairplot
plt.figure(figsize=(12,12))
sns.pairplot(df)
```

