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

In [43]:
```
df = pd.read_csv('Heart2.csv')
df
```

Out[43]:

	Unnamed: 0	Age	Sex	ChestPain	RestBP	Chol	Fbs	RestECG	MaxHR	ExAng	Oldpeal
0	1	63	1	typical	145	233	1	2	150	0	2.3
1	2	67	1	asymptomatic	160	286	0	2	108	1	1.5
2	3	67	1	asymptomatic	120	229	0	2	129	1	2.6
3	4	37	1	nonanginal	130	250	0	0	187	0	3.5
4	5	41	0	nontypical	130	204	0	2	172	0	1.4
...	...	...	...	...	...	...	...	...	...	...	...
298	299	45	1	typical	110	264	0	0	132	0	1.2
299	300	68	1	asymptomatic	144	193	1	0	141	0	3.4
300	301	57	1	asymptomatic	130	131	0	0	115	1	1.2
301	302	57	0	nontypical	130	236	0	2	174	0	0.0
302	303	38	1	nonanginal	138	175	0	0	173	0	0.0

303 rows × 15 columns

In [44]:
```
df.shape
```

Out[44]:
```
(303, 15)
```

In [45]:
```
df.head()
```

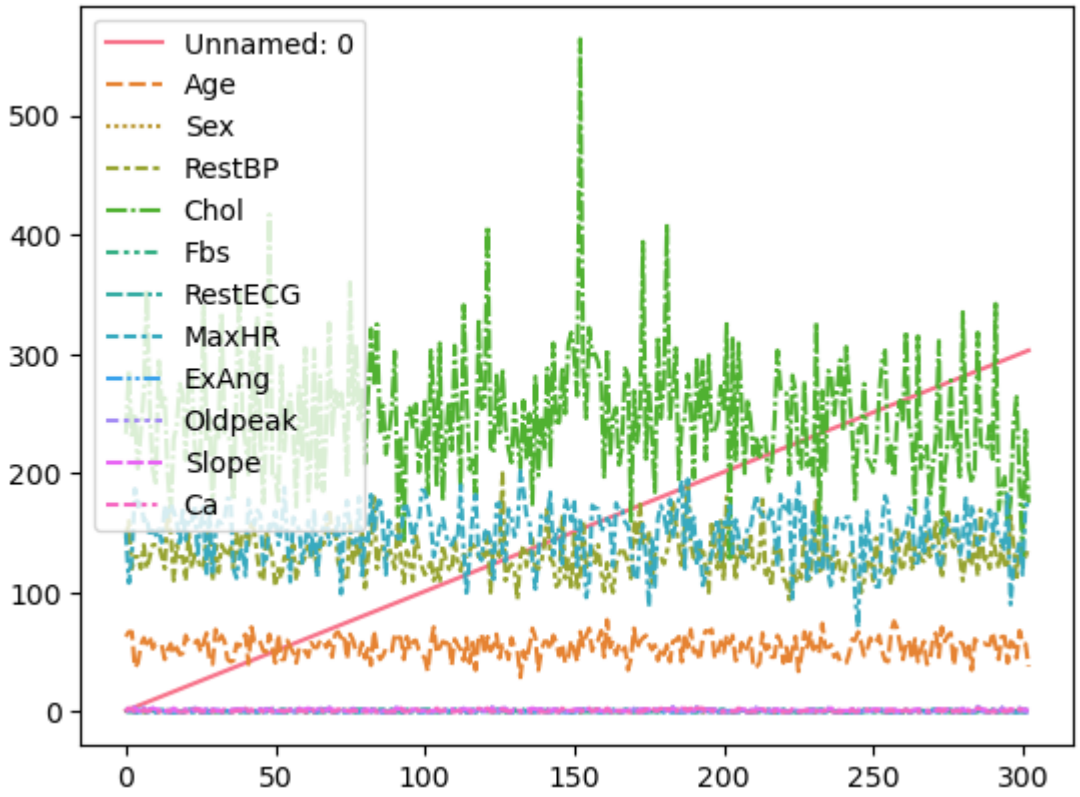
Out[45]:

	Unnamed: 0	Age	Sex	ChestPain	RestBP	Chol	Fbs	RestECG	MaxHR	ExAng	Oldpeak
0	1	63	1	typical	145	233	1	2	150	0	2.3
1	2	67	1	asymptomatic	160	286	0	2	108	1	1.5
2	3	67	1	asymptomatic	120	229	0	2	129	1	2.6
3	4	37	1	nonanginal	130	250	0	0	187	0	3.5
4	5	41	0	nontypical	130	204	0	2	172	0	1.4

In [23]:
```
#---LINEPLOT-----#
```

In [46]:
```
sns.lineplot(data=df)
```

Out[46]: <Axes: >

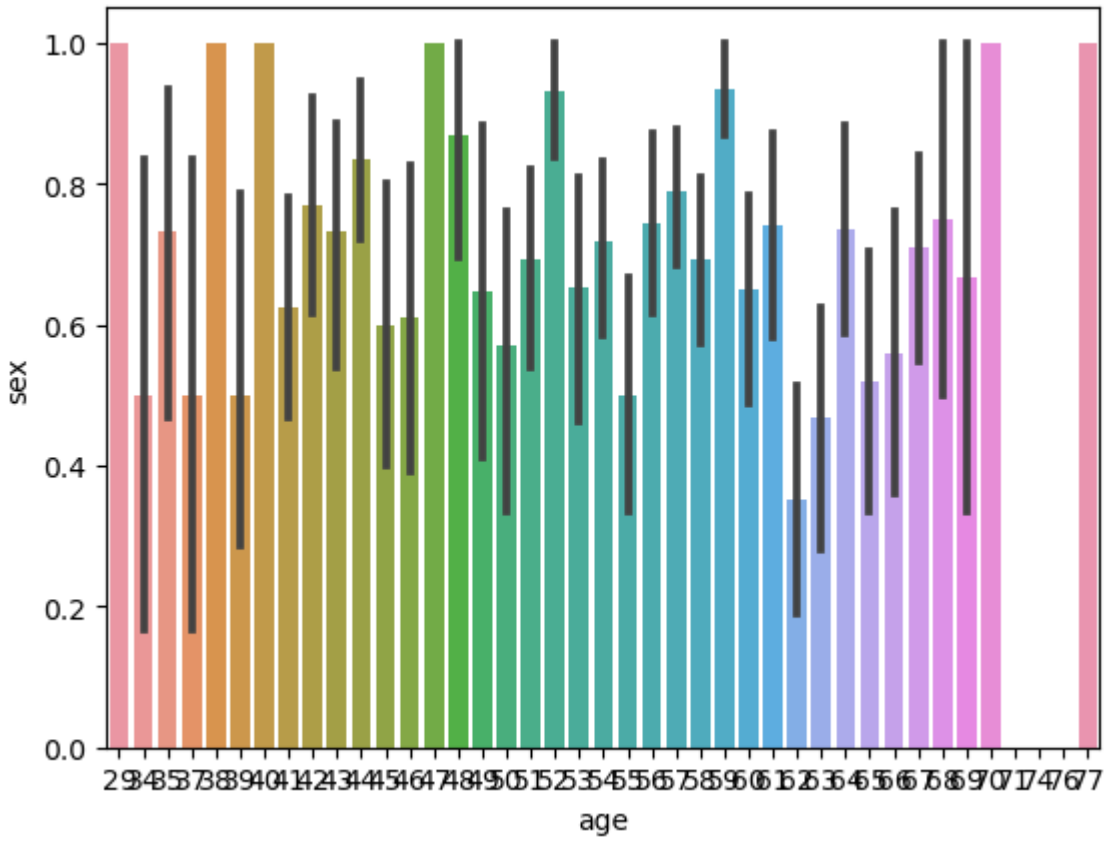


In [25]:
```
#--- BARPLOT-----#
```

In [47]:
```
x = df['Age']
y = df['Sex']
```

In [33]:
```
sns.barplot(x=df['age'], y=df['sex'])
```

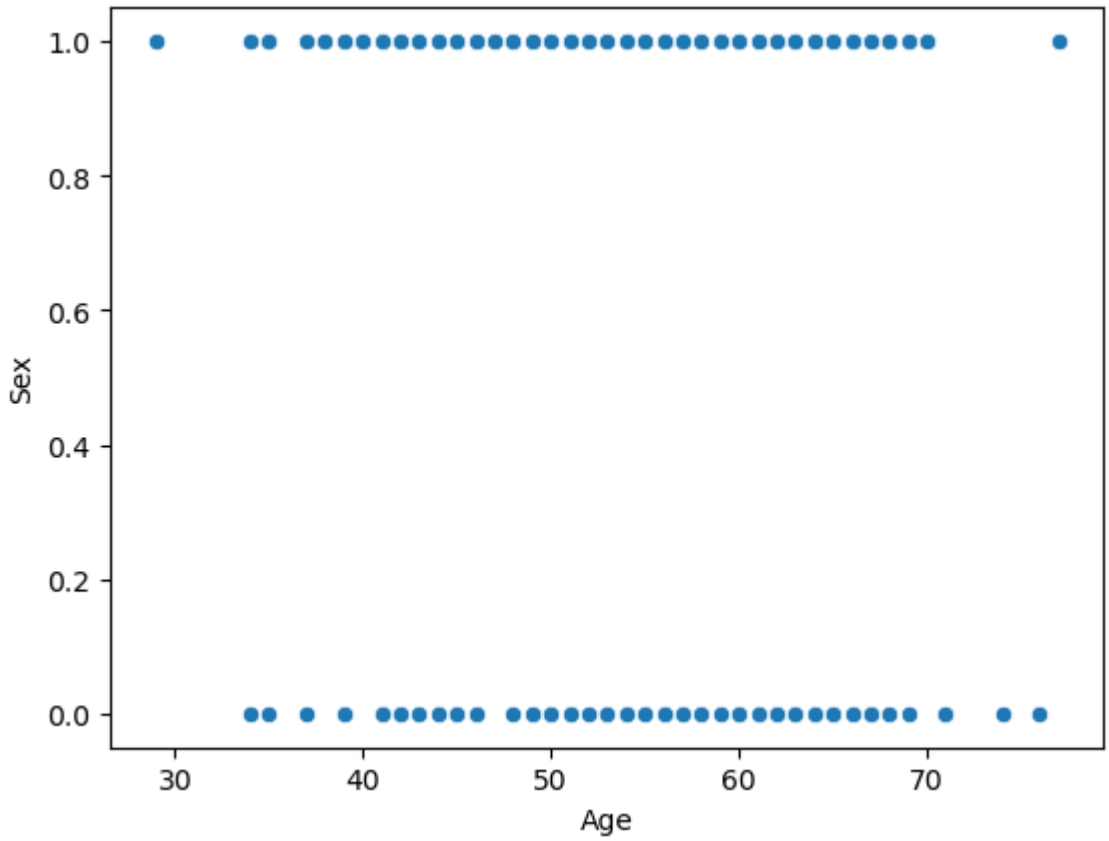
Out[33]: <Axes: xlabel='age', ylabel='sex'>



In [37]:
```
#--- SCATTERPLOT-----#
```

In [49]:
```
sns.scatterplot(x=df['Age'],y=df['Sex'])
```

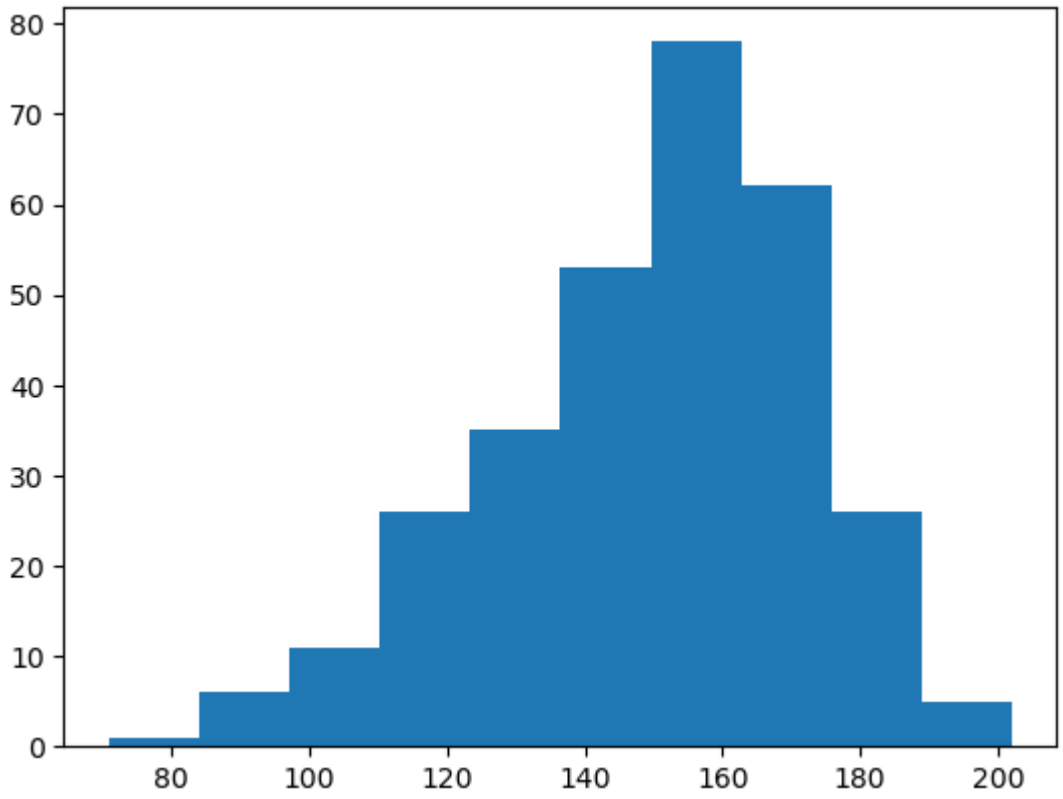
Out[49]:
```
<Axes: xlabel='Age', ylabel='Sex'>
```



In [50]:
```
#----------------BARPLOT----------------#
```

In [51]:
```
plt.hist(df['MaxHR'])
```

Out[51]:
```
(array([ 1.,  6., 11., 26., 35., 53., 78., 62., 26.,  5.]),
 array([ 71. ,  84.1,  97.2, 110.3, 123.4, 136.5, 149.6, 162.7, 175.8,
        188.9, 202. ]),
 <BarContainer object of 10 artists>)
```



In [ ]:
```

```