Import Libraries

- Seaborn (it automatically installs the following libraries)
  - Numpy
  - Scipy
  - Pandas
- Matplotlib

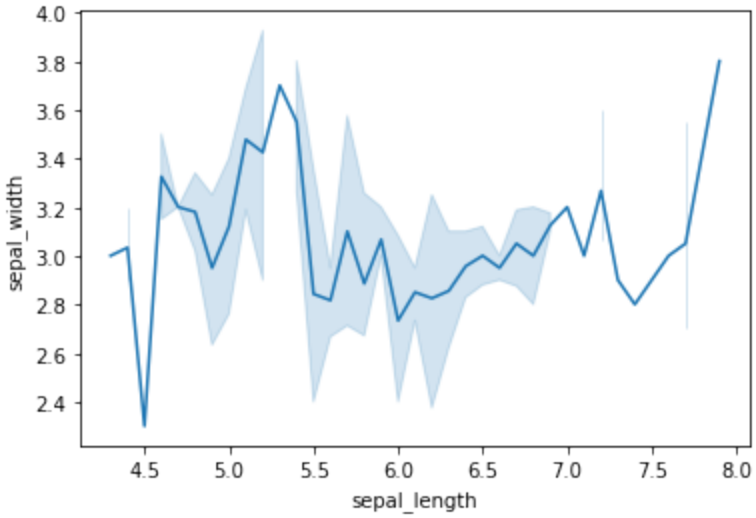
In [2]:
```
#import libraries
import seaborn as sns
import matplotlib.pyplot as plt

#load dataset
phool = sns.load_dataset("iris")
phool
```

Out[2]:

	sepal_length	sepal_width	petal_length	petal_width	species
0	5.1	3.5	1.4	0.2	setosa
1	4.9	3.0	1.4	0.2	setosa
2	4.7	3.2	1.3	0.2	setosa
3	4.6	3.1	1.5	0.2	setosa
4	5.0	3.6	1.4	0.2	setosa
...	...	...	...	...	...
145	6.7	3.0	5.2	2.3	virginica
146	6.3	2.5	5.0	1.9	virginica
147	6.5	3.0	5.2	2.0	virginica
148	6.2	3.4	5.4	2.3	virginica
149	5.9	3.0	5.1	1.8	virginica

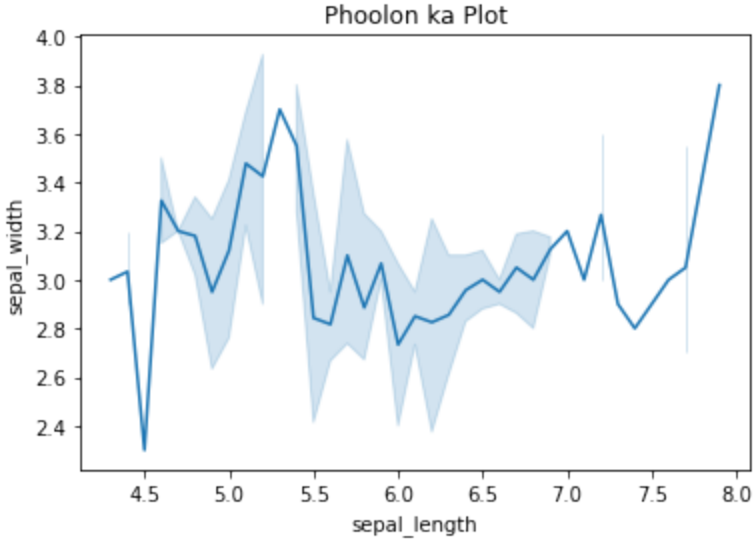
150 rows × 5 columns

In [7]:
```
#draw a lineplot
sns.lineplot(x="sepal_length" , y="sepal_width" , data=phool)
plt.show()
```



Adding titles

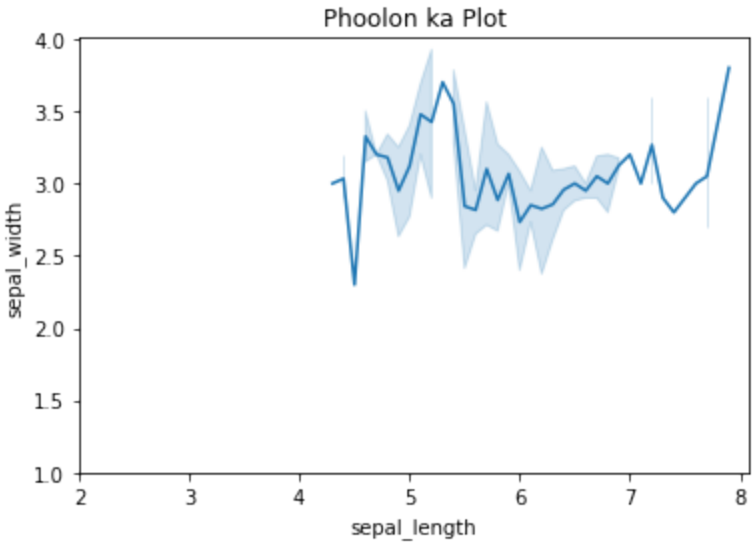
In [8]:
```
#import libraries
import seaborn as sns
import matplotlib.pyplot as plt

#load dataset
phool = sns.load_dataset("iris")
phool
#draw a lineplot
sns.lineplot(x="sepal_length" , y="sepal_width" , data=phool)
plt.title("Phoolon ka Plot")
plt.show()
```



Adding Limits

In [11]:
```
#import libraries
import seaborn as sns
import matplotlib.pyplot as plt

#load dataset
phool = sns.load_dataset("iris")
```

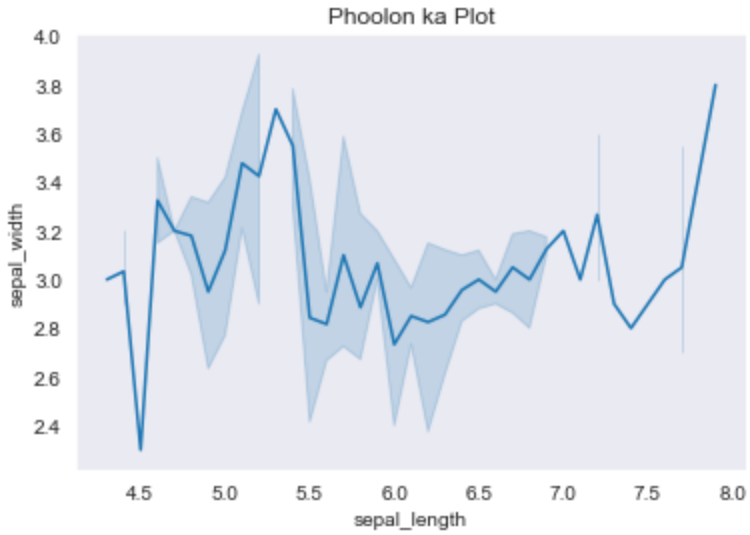
```
phool
#draw a lineplot
sns.lineplot(x="sepal_length" , y="sepal_width" , data=phool)
plt.title("Phoolon ka Plot")
plt.xlim(2)
plt.ylim(1)
plt.show()
```



Set Styles

- Darkgrid
- Whitegrid
- Dark
- White
- Ticks

In [14]:
```
#import libraries
import seaborn as sns
import matplotlib.pyplot as plt

#load dataset
phool = sns.load_dataset("iris")
phool
#draw a lineplot
sns.lineplot(x="sepal_length" , y="sepal_width" , data=phool)
plt.title("Phoolon ka Plot")
sns.set_style("dark")
plt.show()
```



Size of Figure

In [16]:
```
#import libraries
import seaborn as sns
import matplotlib.pyplot as plt
#load dataset
phool = sns.load_dataset("iris")
# change figure
plt.figure(figsize=(8,6))
#draw a lineplot
sns.lineplot(x="sepal_length" , y="sepal_width" , data=phool)
plt.title("Phoolon ka Plot")
plt.show()
```