

Import Libraries

Seaborn automatically installs these libraries

- numpy
- scipy
- pandas
- matplotlib

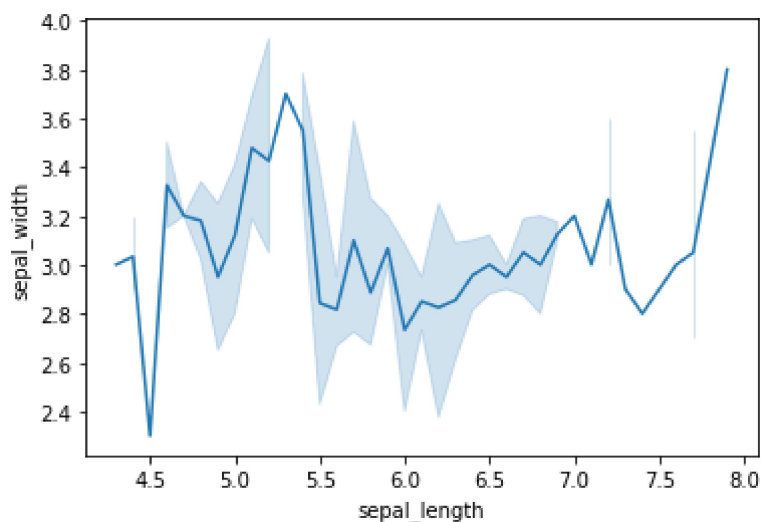
Adding Titles

In [1]:

```
# Import Libraries
import seaborn as sns
import matplotlib.pyplot as plt

#Load the data set and give it to some variable
phool = sns.load_dataset("iris")
phool

#draw a line plot
sns.lineplot(x="sepal_length",y="sepal_width",data=phool)
plt.show()
```



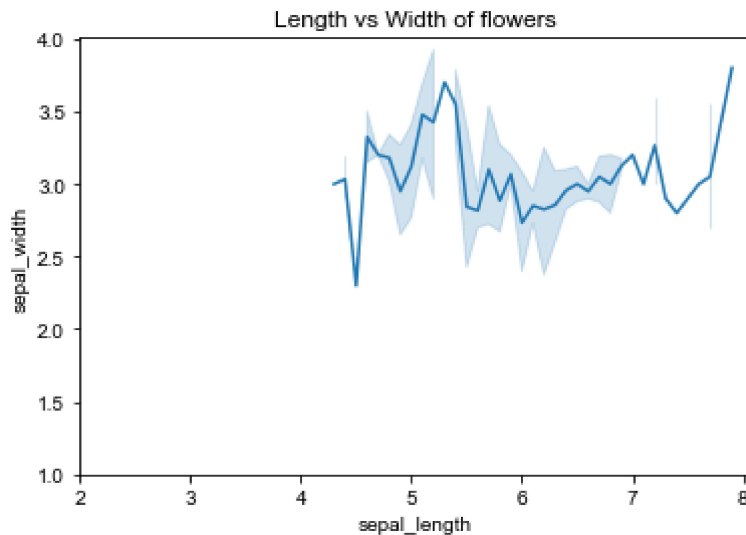
Adding Limits

In [2]:

```
import seaborn as sns
import matplotlib.pyplot as plt
#from numpy import *
#import pandas as p
#Load data set
flowers= sns.load_dataset("iris")
#draw the plot

sns.lineplot(x= "sepal_length",y="sepal_width",data=flowers)
```

```
sns.set_style('darkgrid')
pt.xlim(2)
pt.ylim(1)
pt.title("Length vs Width of flowers")
pt.show()
```

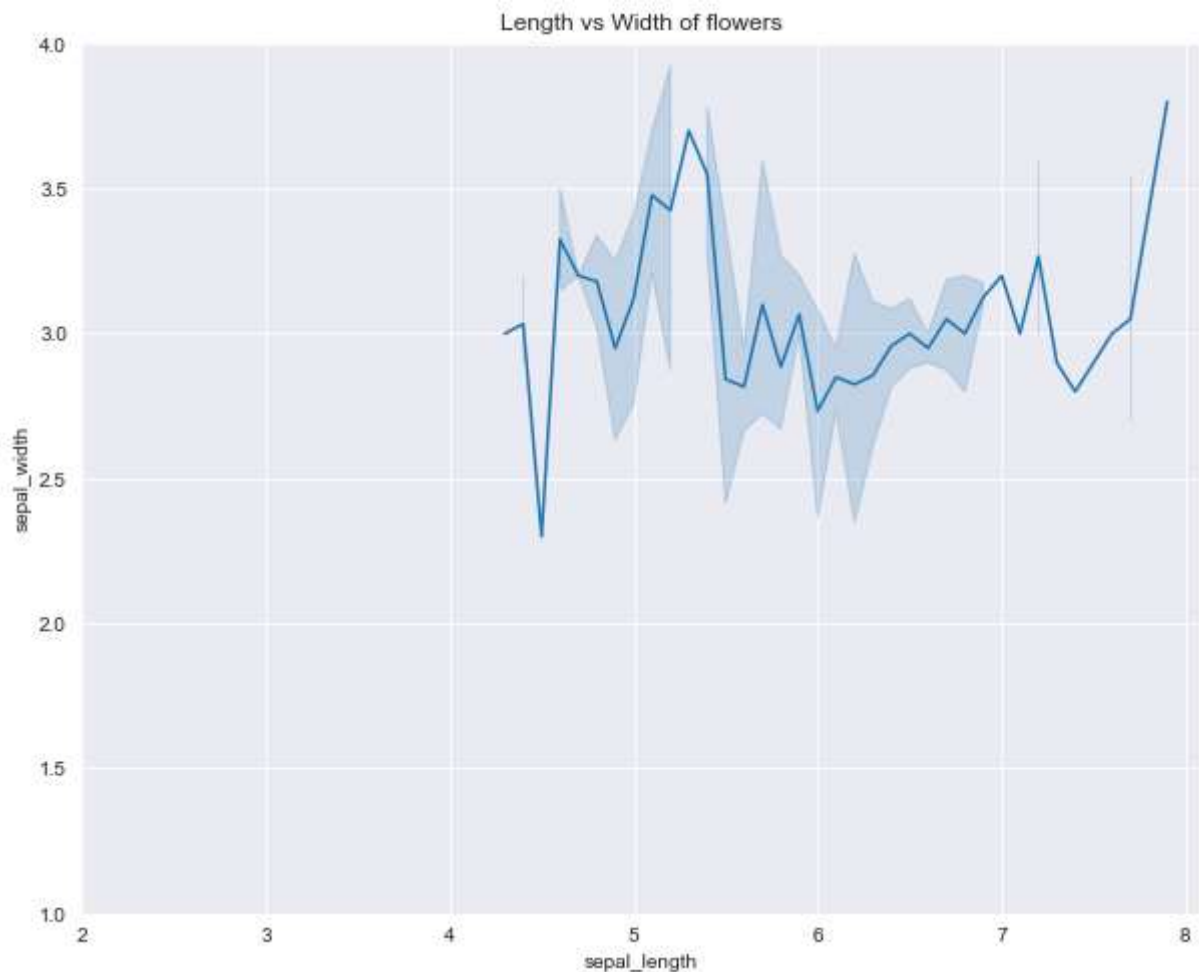


Size of figure

- import libraries
- load data set
- configure the size of figure
- place the x and y axis
- define the x and y limits
- define the title
- now you are ready to plot

In [3]:

```
import seaborn as sns
import matplotlib.pyplot as plt
#Load data set
flowers= sns.load_dataset("iris")
#draw the plot
plt.figure(figsize= (10,8))
sns.lineplot(x= "sepal_length",y="sepal_width",data=flowers)
plt.xlim(2)
plt.ylim(1)
plt.title("Length vs Width of flowers")
plt.show()
```

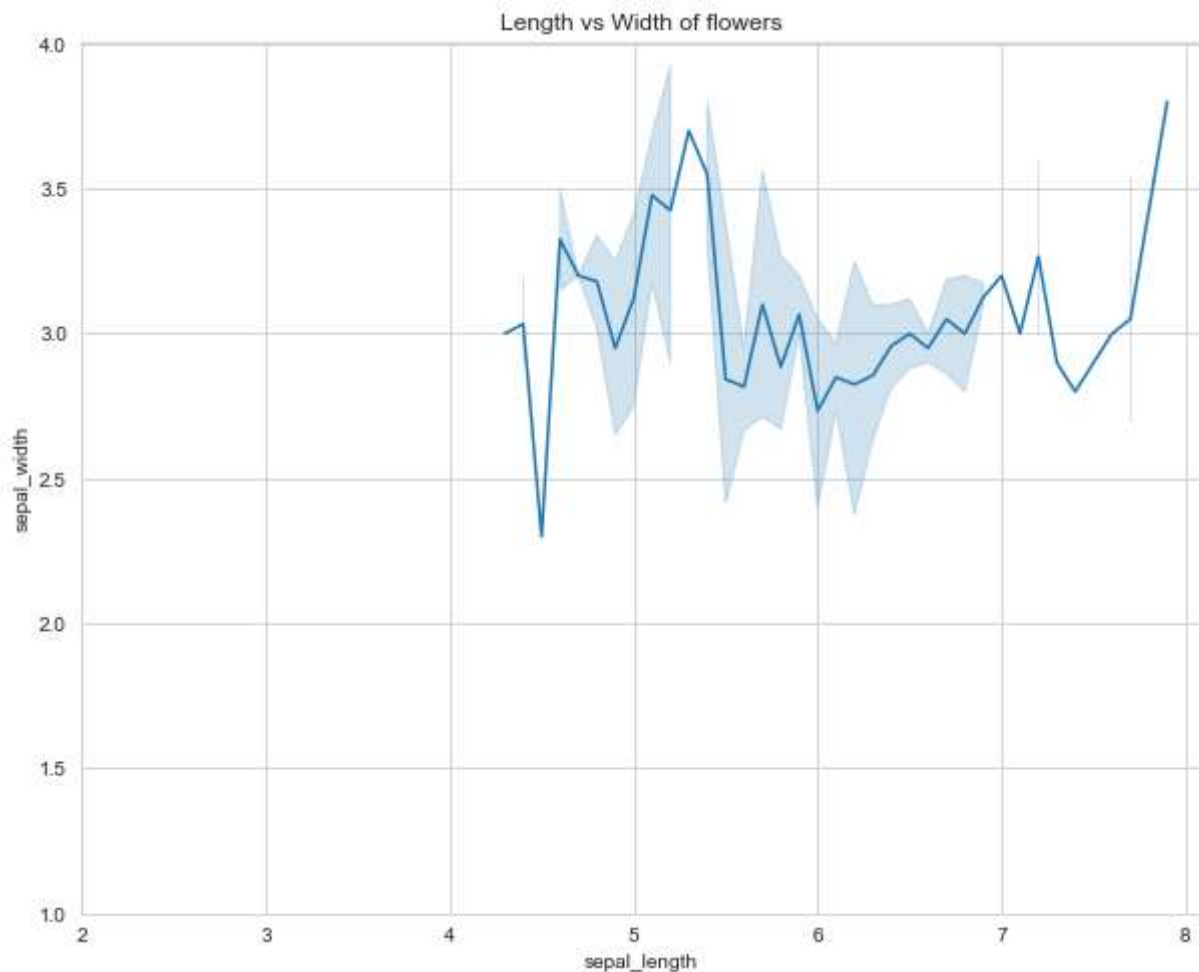


Set Style

- darkgrid
- whitegrid
- dark
- white
- ticks

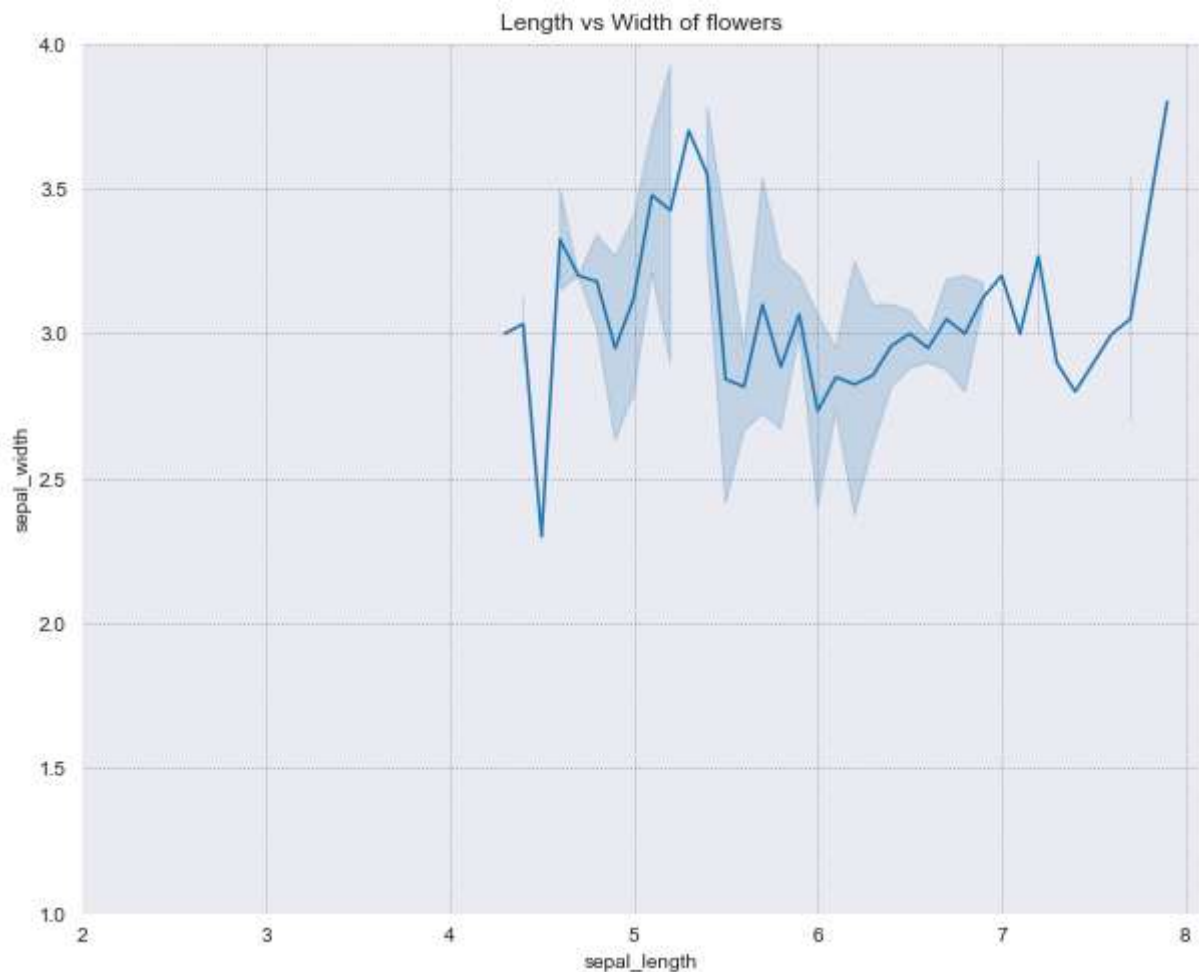
In [5]:

```
import seaborn as sns
import matplotlib.pyplot as plt
#Load data set
flowers= sns.load_dataset("iris")
#draw the plot
sns.set_style("whitegrid")
plt.figure(figsize= (10,8))
sns.lineplot(x= "sepal_length",y="sepal_width",data=flowers)
plt.xlim(2)
plt.ylim(1)
plt.title("Length vs Width of flowers")
plt.show()
```



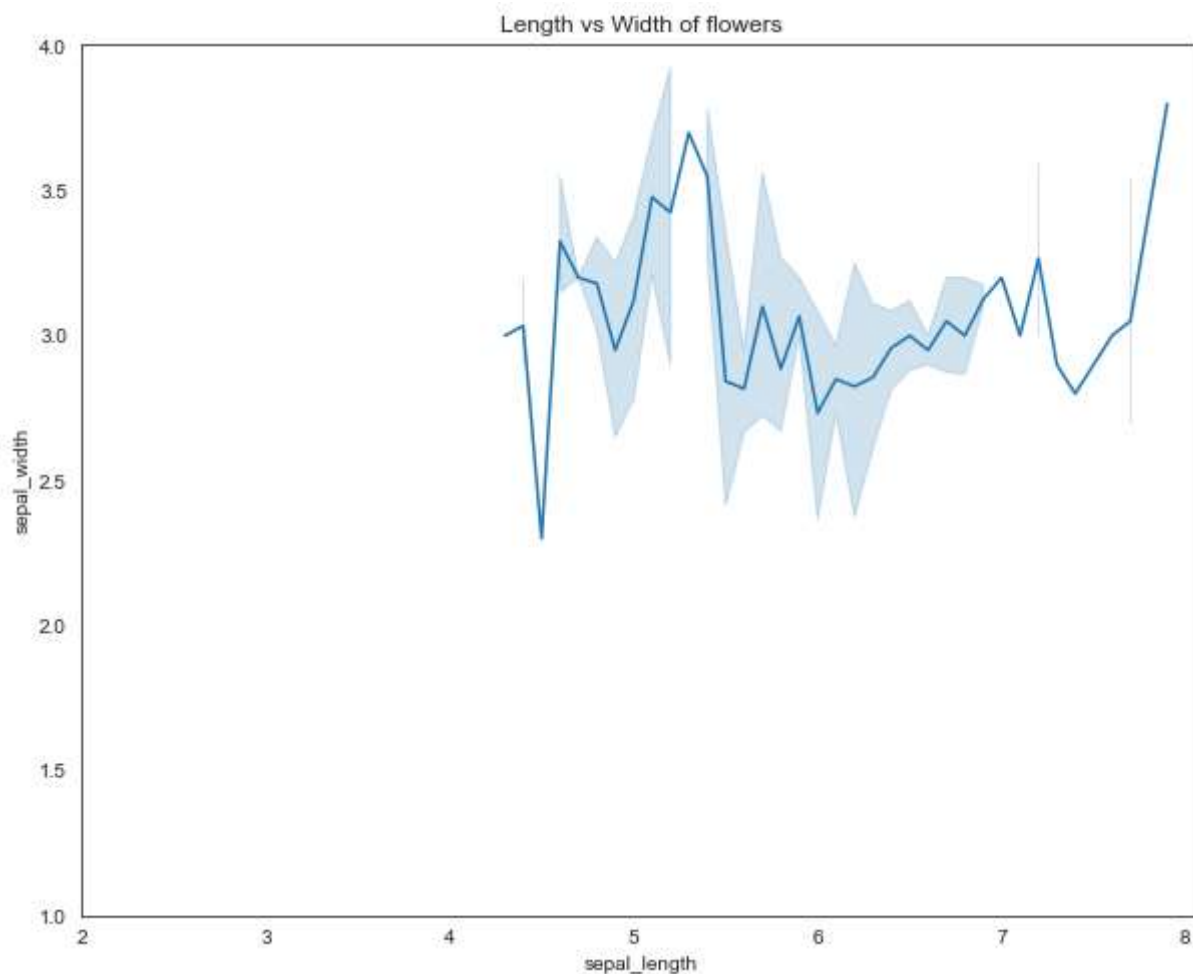
In [6]:

```
import seaborn as sns
import matplotlib.pyplot as plt
#Load data set
flowers= sns.load_dataset("iris")
#draw the plot
sns.set_style("darkgrid", {"grid.color": ".6", "grid.linestyle": ":"})
plt.figure(figsize= (10,8))
sns.lineplot(x= "sepal_length",y="sepal_width",data=flowers)
plt.xlim(2)
plt.ylim(1)
plt.title("Length vs Width of flowers")
plt.show()
```



In [7]:

```
import seaborn as sns
import matplotlib.pyplot as plt
#Load data set
flowers= sns.load_dataset("iris")
#draw the plot
sns.set_style('white')
plt.figure(figsize= (10,8))
sns.lineplot(x= "sepal_length",y="sepal_width",data=flowers)
plt.xlim(2)
plt.ylim(1)
plt.title("Length vs Width of flowers")
plt.show()
```



In [11]:

```
import seaborn as sns
import matplotlib.pyplot as plt
#Load data set
flowers= sns.load_dataset("iris")
#draw the plot
sns.set_style('darkgrid')
plt.figure(figsize= (10,8))
sns.lineplot(x= "sepal_length",y="sepal_width",data=flowers)
plt.xlim(2)
plt.ylim(1)
plt.title("Length vs Width of flowers")
plt.show()
```

