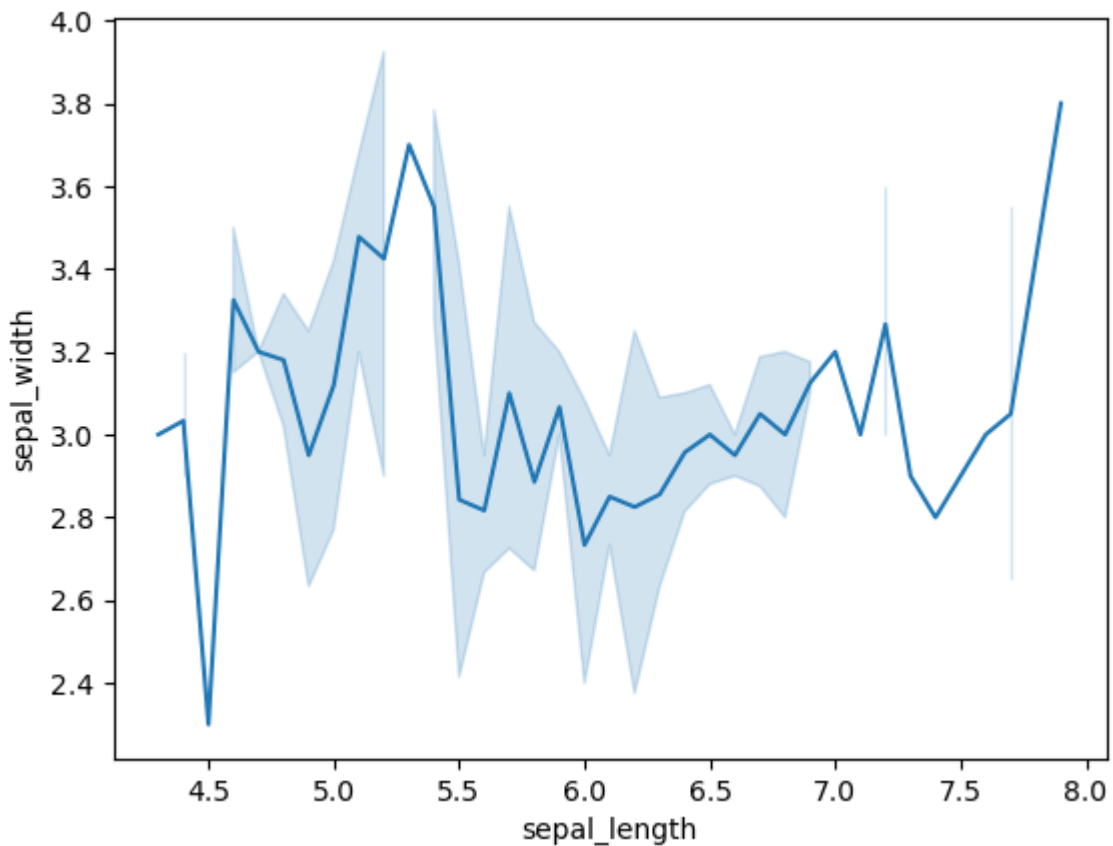# Import Libraries

seaborn automatically installs these libraries

- *Numpy*
- *scipy*
- *pandas*
- *matplotlib's*

```
In [1]:   # 2 import libraries
          import seaborn as sns
          import matplotlib.pyplot as plt

          # load dataset
          # iris is the dataset of flowers
          flowers=sns.load_dataset("iris")
          flowers
          ## draw a line plot
          sns.lineplot(x="sepal_length", y="sepal_width", data=flowers )
          plt.show()
```



```
In [2]:   # Adding Title
```

```
In [8]:   # 2 import libraries
          import seaborn as sns
```
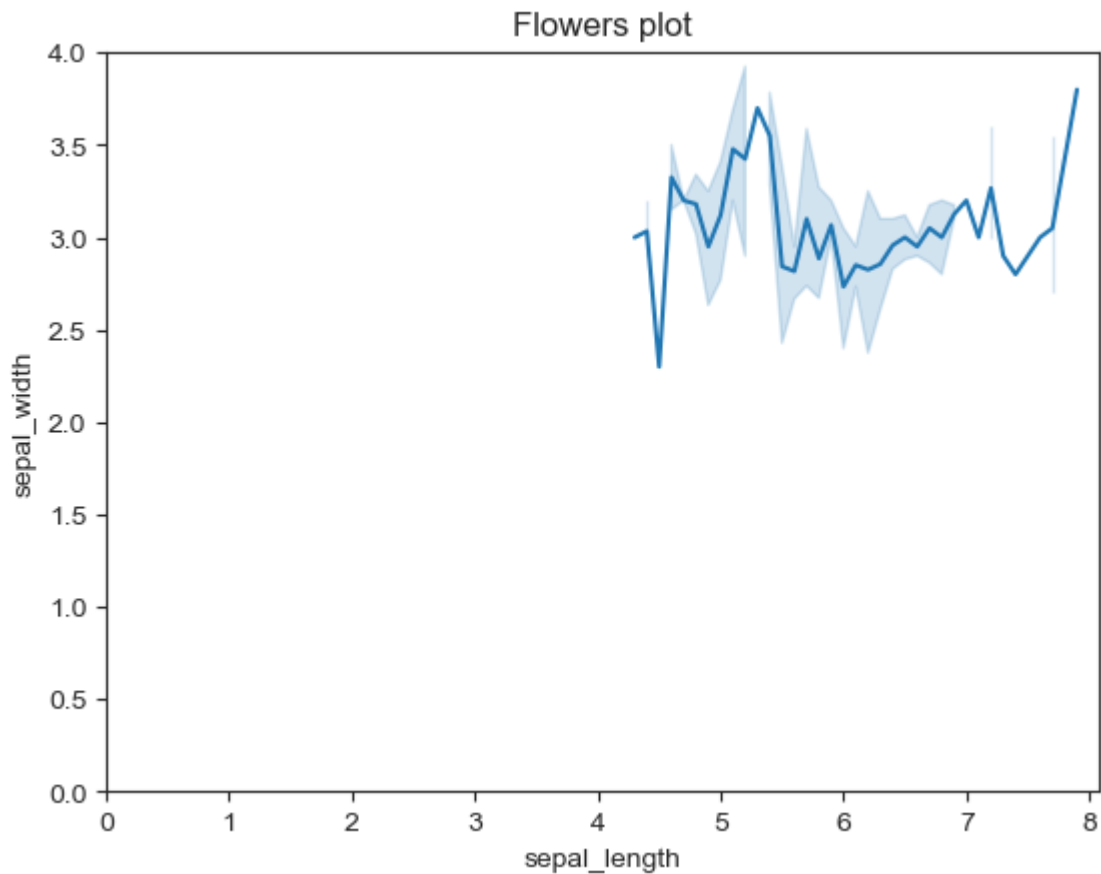
```python
import matplotlib.pyplot as plt

# load dataset
# iris is the dataset of flowers
flowers=sns.load_dataset("iris")
flowers

## draw a line plot
sns.lineplot(x="sepal_length", y="sepal_width", data=flowers )

plt.title("Flowers plot")
plt.xlim(0)
plt.ylim(0)
plt.show()
```


Set_style

- darkgrid (andar black ho or lines white ho)
- whitegrid (under safed ho or lines black ho)
- dark
- white
- ticks

```python
# set_style should be none
```

```python
import seaborn as sns
import matplotlib.pyplot as plt
```
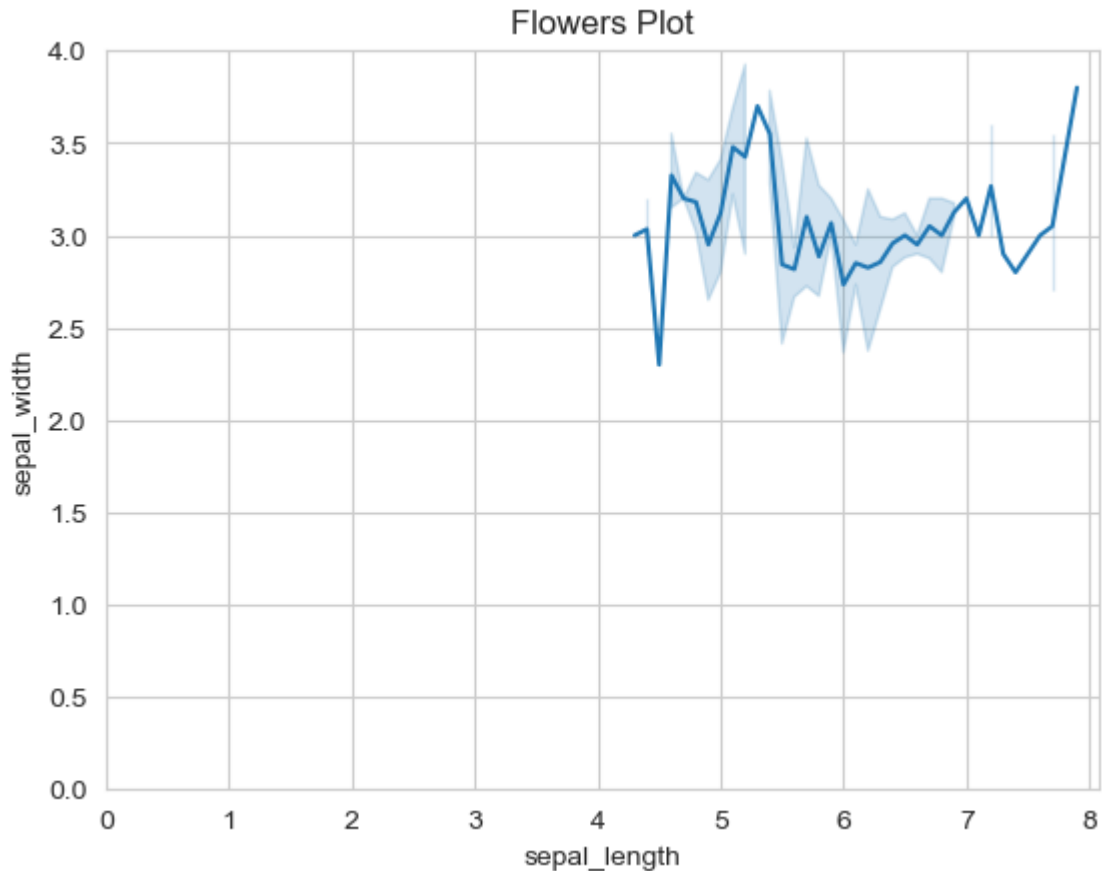
```
flowers=sns.load_dataset("iris")
flowers
sns.lineplot(x="sepal_length",y="sepal_width", data=flowers)

plt.title("Flowers Plot")
sns.set_style("whitegrid")
sns.set_style(style=None, rc=None)




plt.xlim(0)
plt.ylim(0)
plt.show()
```


Size Of Figures

```
# load libraries
import seaborn as sns
import matplotlib.pyplot as plt
```

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

# change figures (shakal chamge krni ho jese x pe bara or y pe chota ya y pe bara ya x
# plt.figure(figsize=(2,4))
plt.figure(figsize=(4,5))

# darw a line plot
sns.lineplot(x="sepal_length",y="sepal_width", data=flowers)

# add title
plt.title("Flowers Plot")
sns.set_style("whitegrid")
sns.set_style(style=None, rc=None)

# add cordinates
plt.xlim(0)
plt.ylim(0)
plt.show()
```