import libraries

-Seaborn automatically installed these libraries

- numpy
- scipy
- pandas

- *Matplotlib*

In [4]:
```python
#import libraries
import seaborn as sns
import matplotlib.pyplot as plt

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

Out[4]:

|	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 [5]:
```python
# draw a line_plot

import seaborn as sns
import matplotlib.pyplot as plt

# load dataset
gulab= sns.load_dataset("iris")
gulab

# draw a line plot
sns.lineplot(x="sepal_length", y="sepal_width", data=gulab)
plt.show()
```
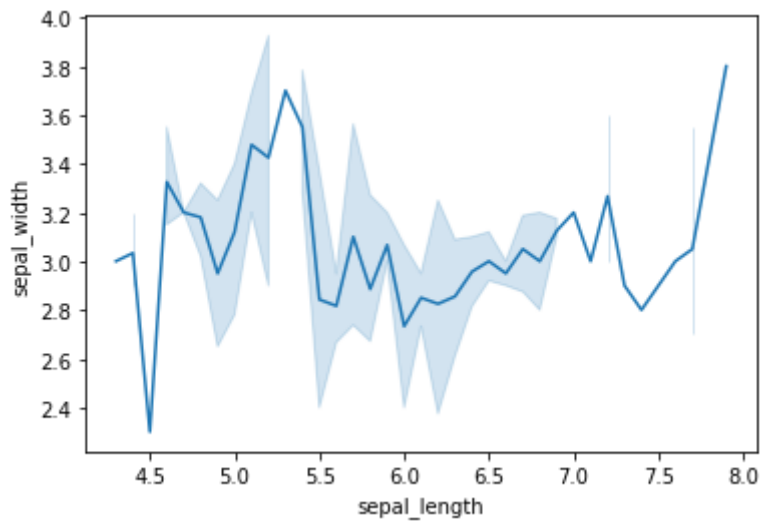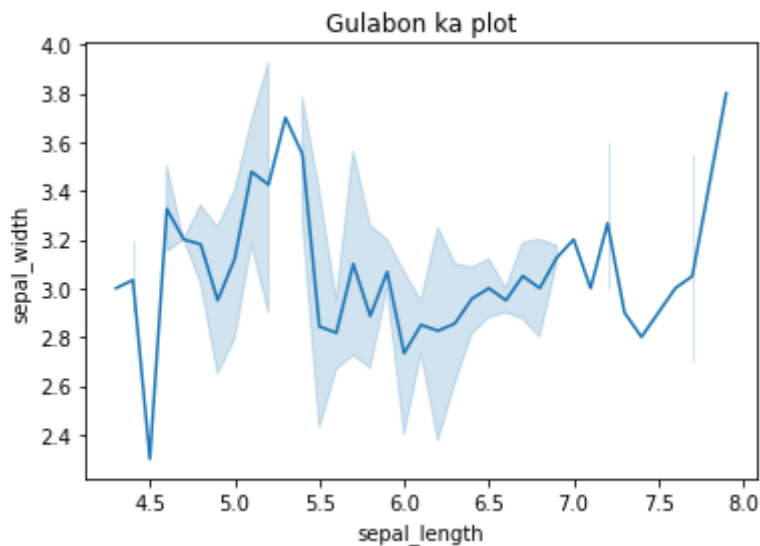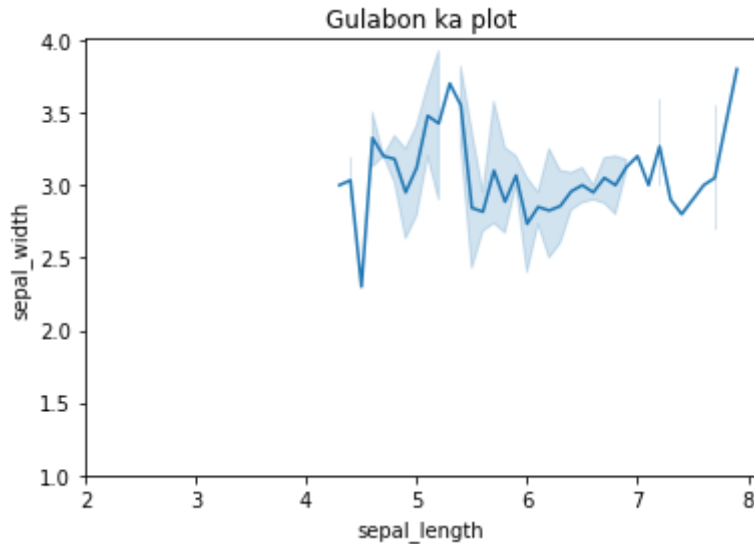
-Adding titles to the plot

In [6]:
```python
# draw a line_plot

import seaborn as sns
import matplotlib.pyplot as plt

# load dataset
gulab= sns.load_dataset("iris")
gulab

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


In [ ]:
```python
## Adding limits, y limits or x limits
```

In [7]:
```python
# draw a line_plot

import seaborn as sns
import matplotlib.pyplot as plt

# load dataset
```

```
gulab= sns.load_dataset("iris")
gulab

# draw a line plot
sns.lineplot(x="sepal_length", y="sepal_width", data=gulab)
plt.title("Gulabon ka plot")
plt.xlim(2)
plt.ylim(1)
plt.show()
```
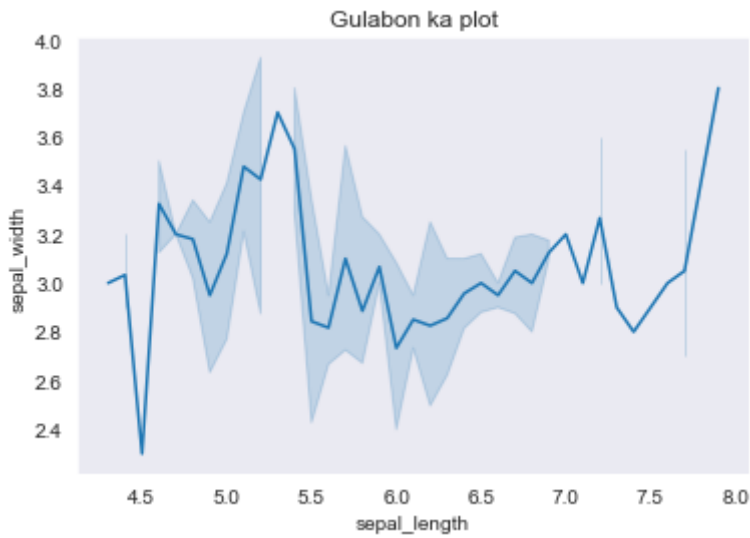

Set styles

- darkgrid
- whitegrid
- dark
- white
- ticks

set_style=(None, rc=None)

In [38]:
```
import seaborn as sns
import matplotlib.pyplot as plt
# load dataset
gulab= sns.load_dataset("iris")
gulab
# draw a line plot
sns.lineplot(x="sepal_length", y="sepal_width", data=gulab)
plt.title("Gulabon ka plot")
#set style
sns.set_style("dark")
sns.set_style(style=None, rc=None)
plt.show()
```

Gulabon ka plot

size of figure

In [33]:

```python
import seaborn as sns
import matplotlib.pyplot as plt

# load dataset
gulab= sns.load_dataset("iris")
gulab

# change figure
plt.figure(figsize=(8,6))

# draw a line plot

sns.lineplot(x="sepal_length", y="sepal_width", data=gulab)
plt.title("Gulabon ka plot")

plt.show()
```
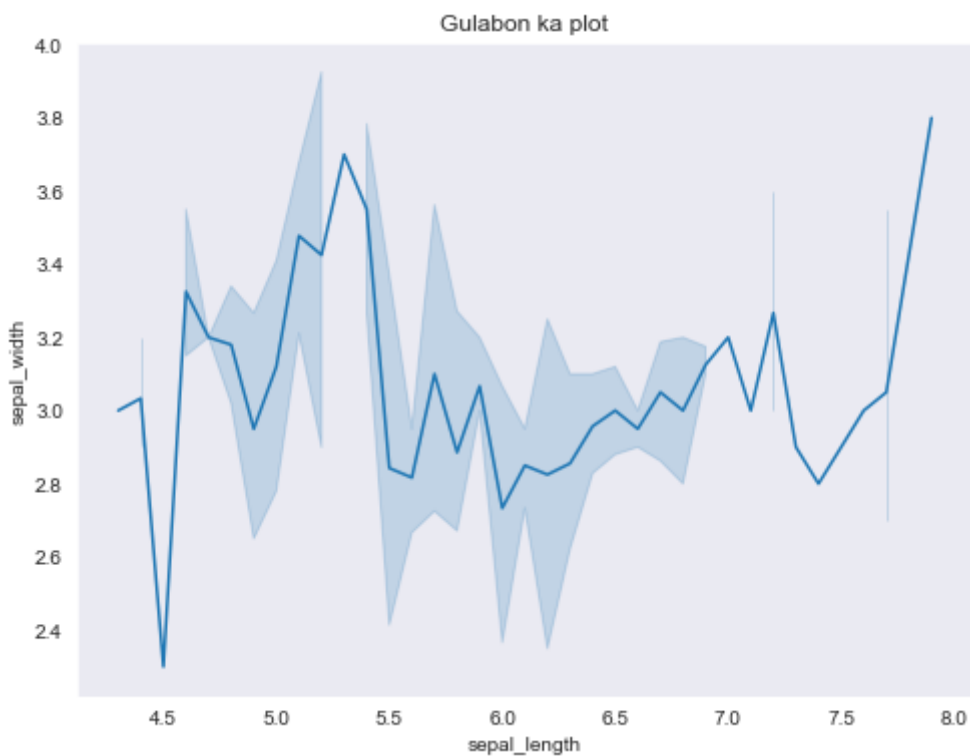

Gulabon ka plot

In [ ]: