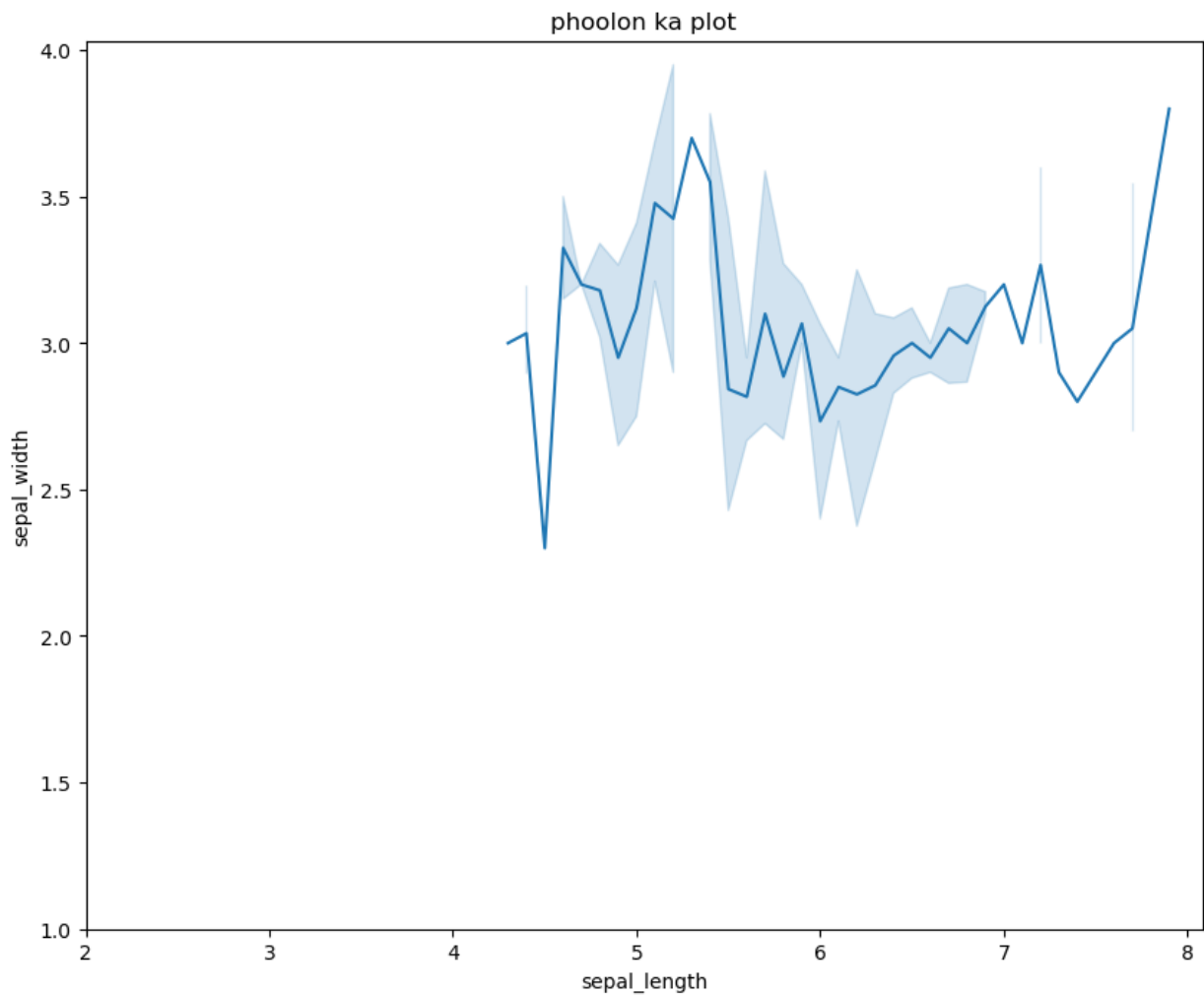# LINE PLOT

## (x & y both variable are in numeric form)

In [1]:
```python
import seaborn as sns
import matplotlib.pyplot as plt
phool = sns.load_dataset("iris")
print(phool)
plt.figure(figsize=(8,8))
p=sns.lineplot(x="sepal_length", y="sepal_width", data=phool)
p.set_title("phoolon ka plot")

plt.xlim(2)
plt.ylim(1)
plt.show()
```

```
     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 x 5 columns]
```

phoolon ka plot

```
In [2]:  import seaborn as sns
         import matplotlib.pyplot as plt
         sns.set_style("dark")
         sns.set_style(style=None, rc=None)
         phool = sns.load_dataset("iris")
         print(phool)
         plt.figure(figsize=(10,8))
         p=sns.lineplot(x="sepal_length", y="sepal_width", data=phool)
         p.set_title("phoolon ka plot")

         plt.xlim(2)
         plt.ylim(1)
         plt.show()
```

```
     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 x 5 columns]
```



phoolon ka plot