In [2]:
```
import seaborn as sns
```

In [3]:
```
iris = sns.load_dataset('iris')
```

In [4]:
```
iris
```

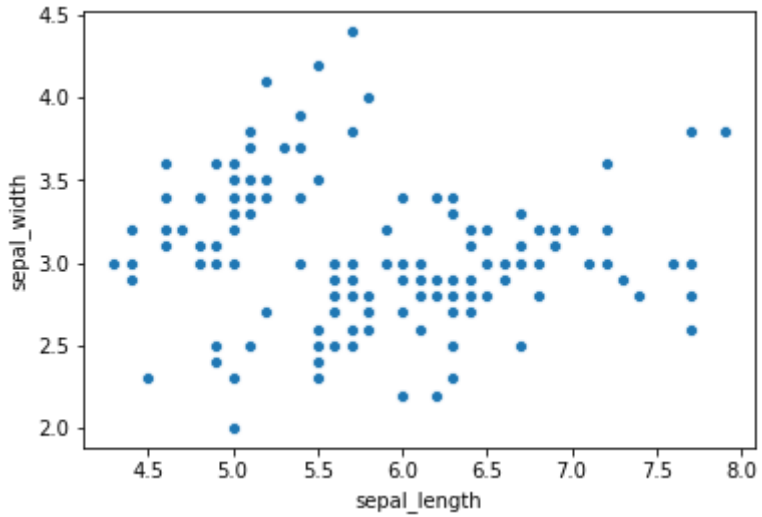
Out[4]:

	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

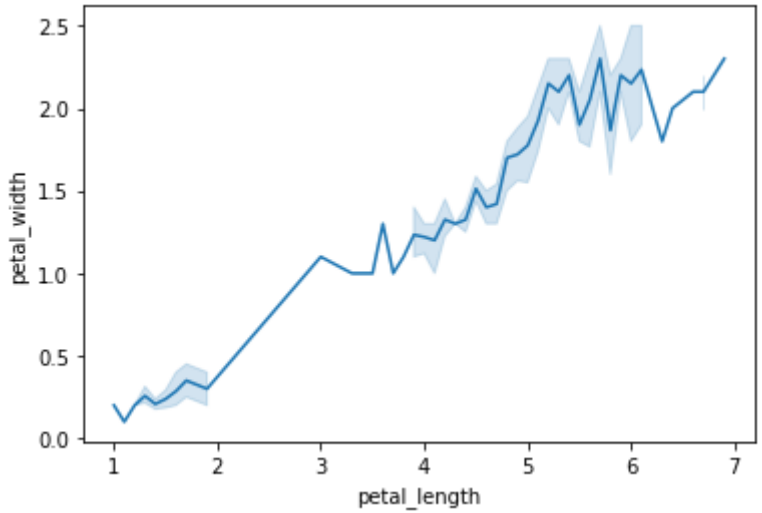
In [5]:
```
sns.scatterplot(x="sepal_length",y="sepal_width",data = iris)
```

Out[5]:
```
<matplotlib.axes._subplots.AxesSubplot at 0x20741848088>
```



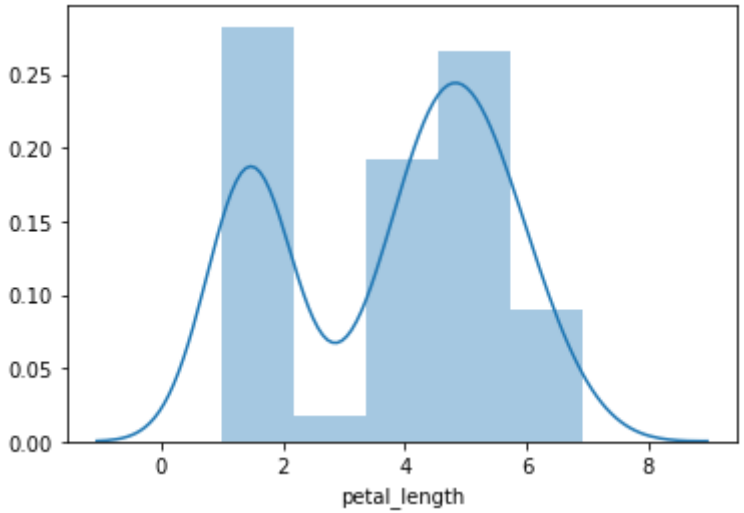
In [6]:
```
sns.lineplot(x = "petal_length",y = "petal_width",data = iris)
```

Out[6]: <matplotlib.axes._subplots.AxesSubplot at 0x2074470c188>



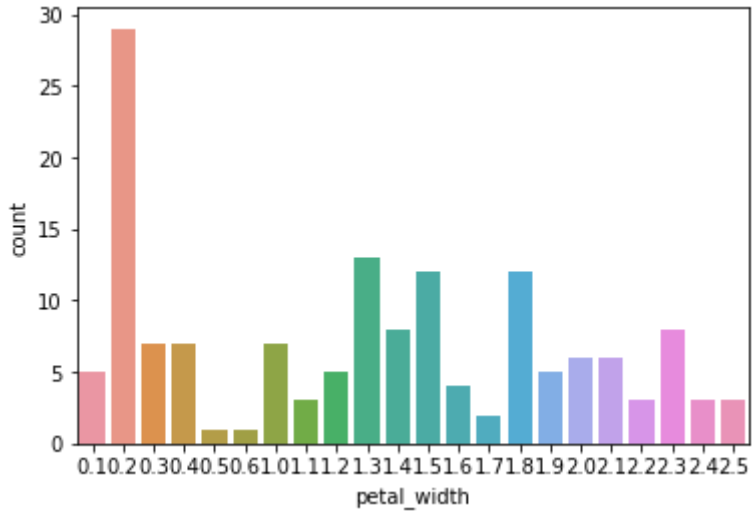
In [7]:
```
sns.distplot(iris["petal_length"])
```

Out[7]:
```
<matplotlib.axes._subplots.AxesSubplot at 0x207417edf88>
```



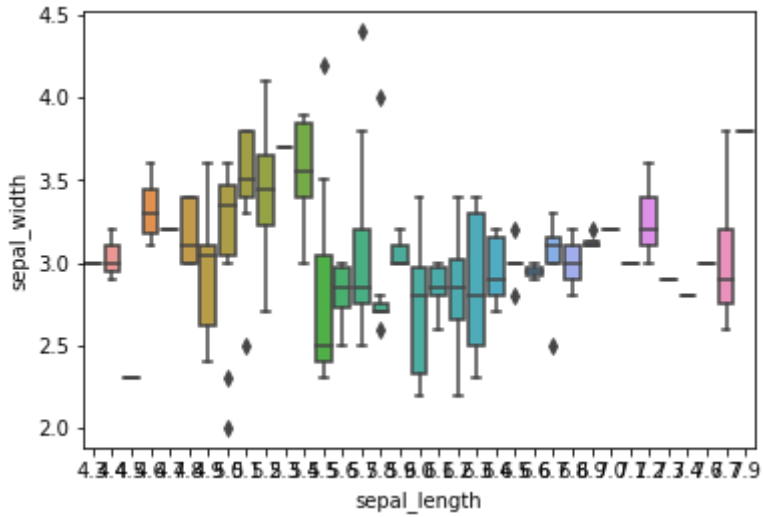
In [8]:
```
sns.countplot(x = "petal_width",data = iris)
```

Out[8]:
```
<matplotlib.axes._subplots.AxesSubplot at 0x207448356c8>
```



In [9]:
```
sns.boxplot(x="sepal_length",y="sepal_width",data = iris)
```

Out[9]:
```
<matplotlib.axes._subplots.AxesSubplot at 0x2073ef1fd08>
```



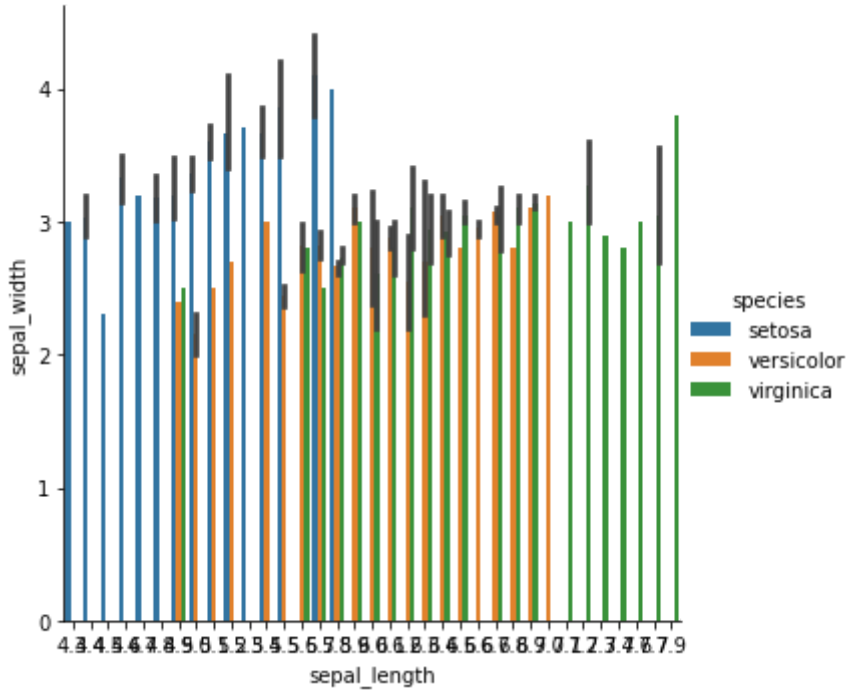
In [10]:
```
iris.describe()
```

Out[10]:

	sepal_length	sepal_width	petal_length	petal_width
count	150.000000	150.000000	150.000000	150.000000
mean	5.843333	3.057333	3.758000	1.199333
std	0.828066	0.435866	1.765298	0.762238
min	4.300000	2.000000	1.000000	0.100000
25%	5.100000	2.800000	1.600000	0.300000
50%	5.800000	3.000000	4.350000	1.300000
75%	6.400000	3.300000	5.100000	1.800000
max	7.900000	4.400000	6.900000	2.500000

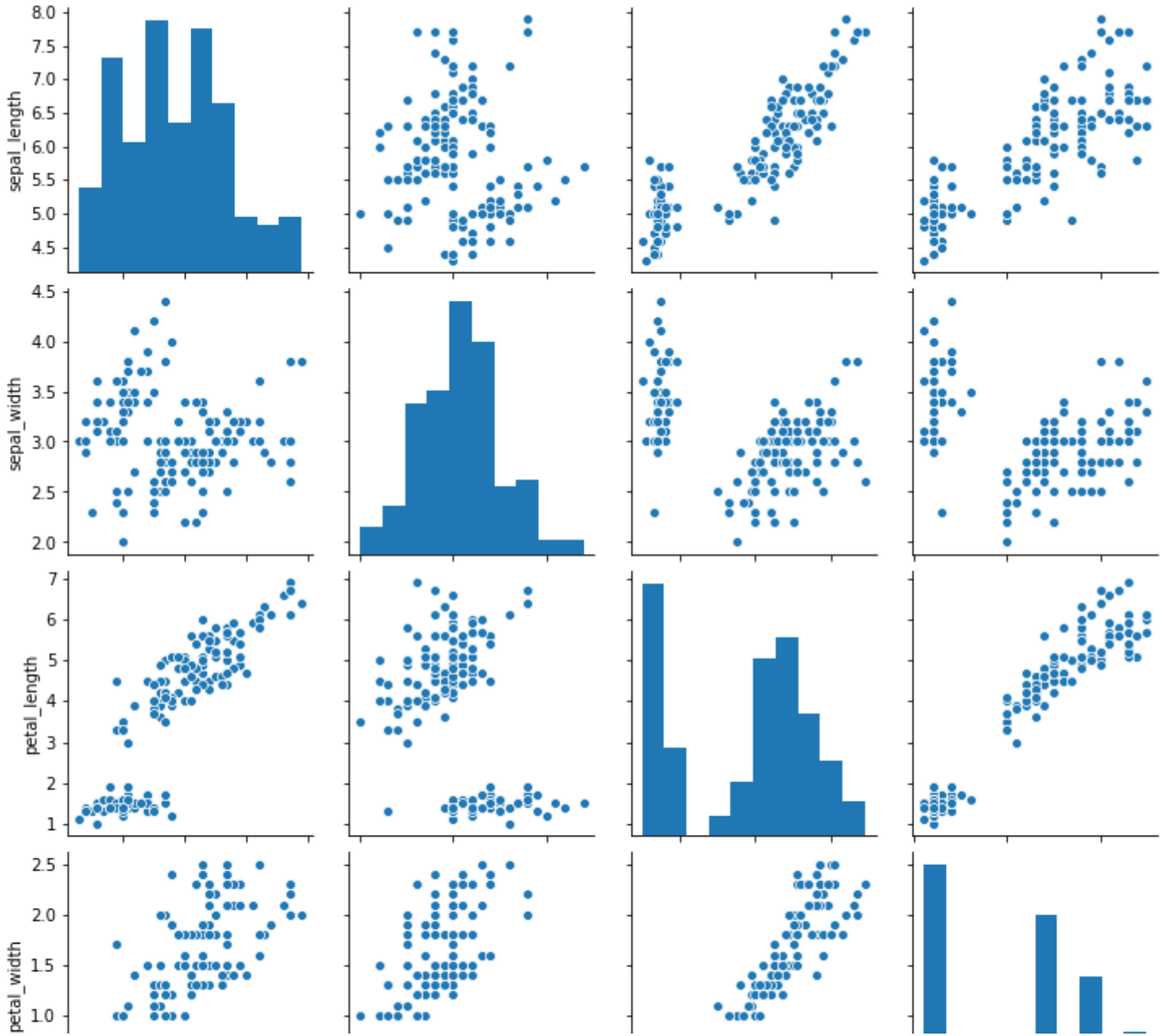
In [11]:
```
sns.catplot(x="sepal_length",y= "sepal_width",hue = "species",kind = "bar",data = iris)
```

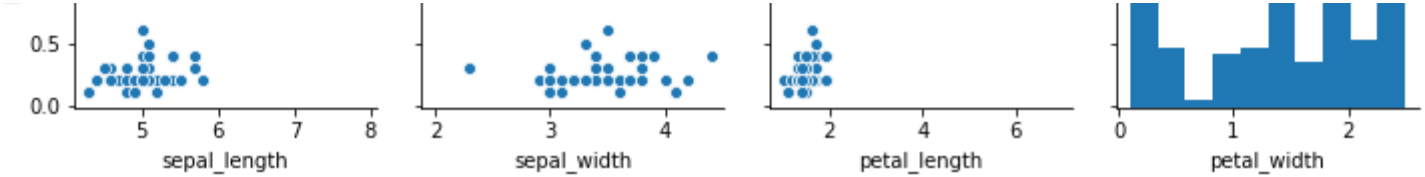
Out[11]: <seaborn.axisgrid.FacetGrid at 0x20744c96fc8>



In [12]:
```
sns.pairplot(iris)
```

Out[12]: <seaborn.axisgrid.PairGrid at 0x20744c482c8>





In [13]:
```
iris.corr()
```

Out[13]:

	sepal_length	sepal_width	petal_length	petal_width
sepal_length	1.000000	-0.117570	0.871754	0.817941
sepal_width	-0.117570	1.000000	-0.428440	-0.366126
petal_length	0.871754	-0.428440	1.000000	0.962865
petal_width	0.817941	-0.366126	0.962865	1.000000

In [14]:
```
sns.heatmap(iris.corr(),annot= True)
```

Out[14]:
```
<matplotlib.axes._subplots.AxesSubplot at 0x2074593e1c8>
```

In [ ]:
```

```