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In [1]: import pandas as pd
import seaborn as sns
import matplotlib.pyplot as plt
import numpy as np
%matplotlib inline
import sklearn
from IPython.display import Image, display
file_to_open=r'C:\Users\de11\Desktop\data sets\iris.csv'
iris=pd.read_csv(file_to_open)
```

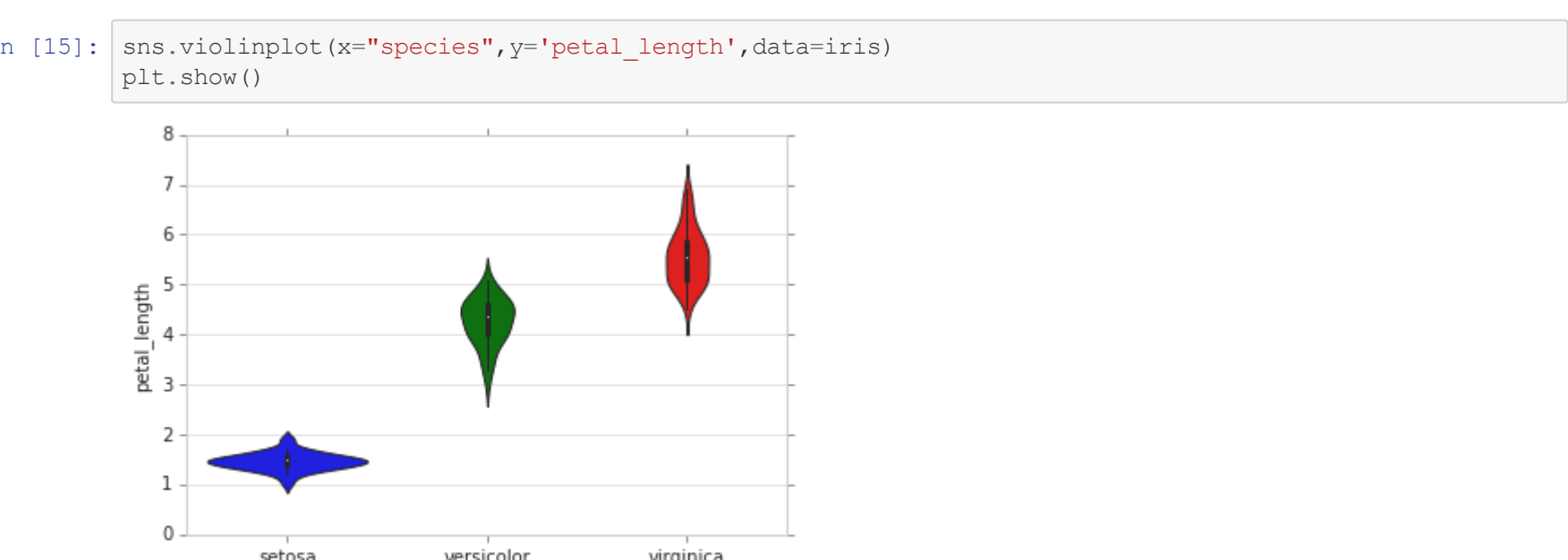
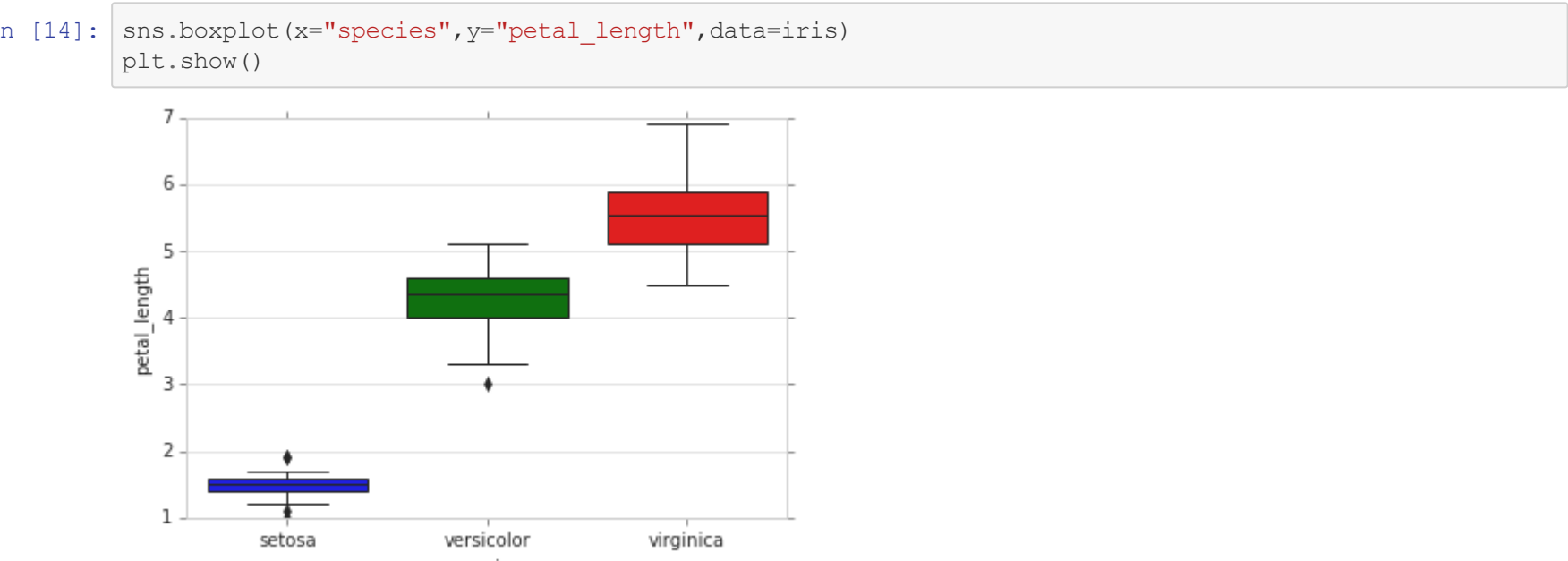
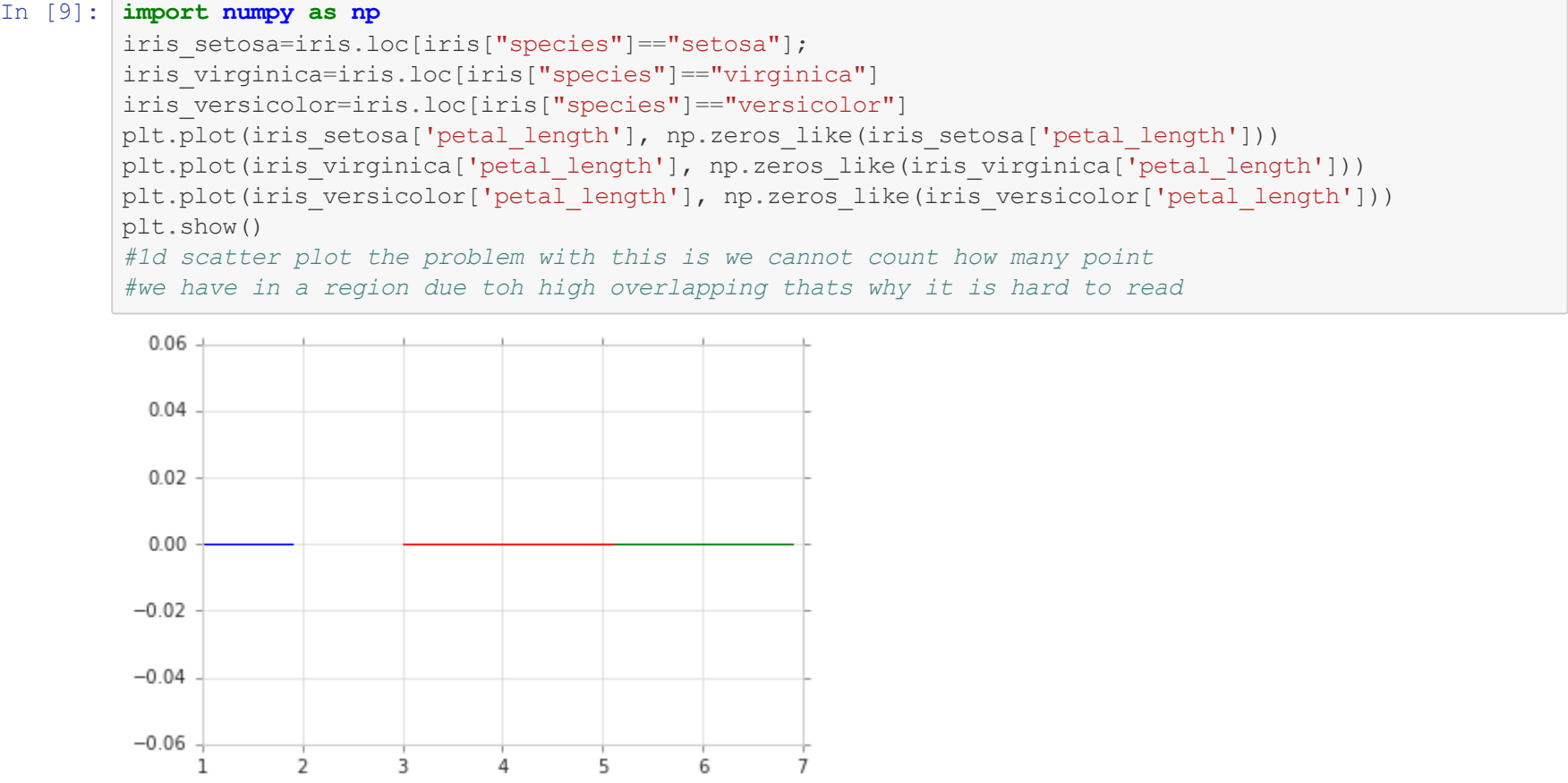
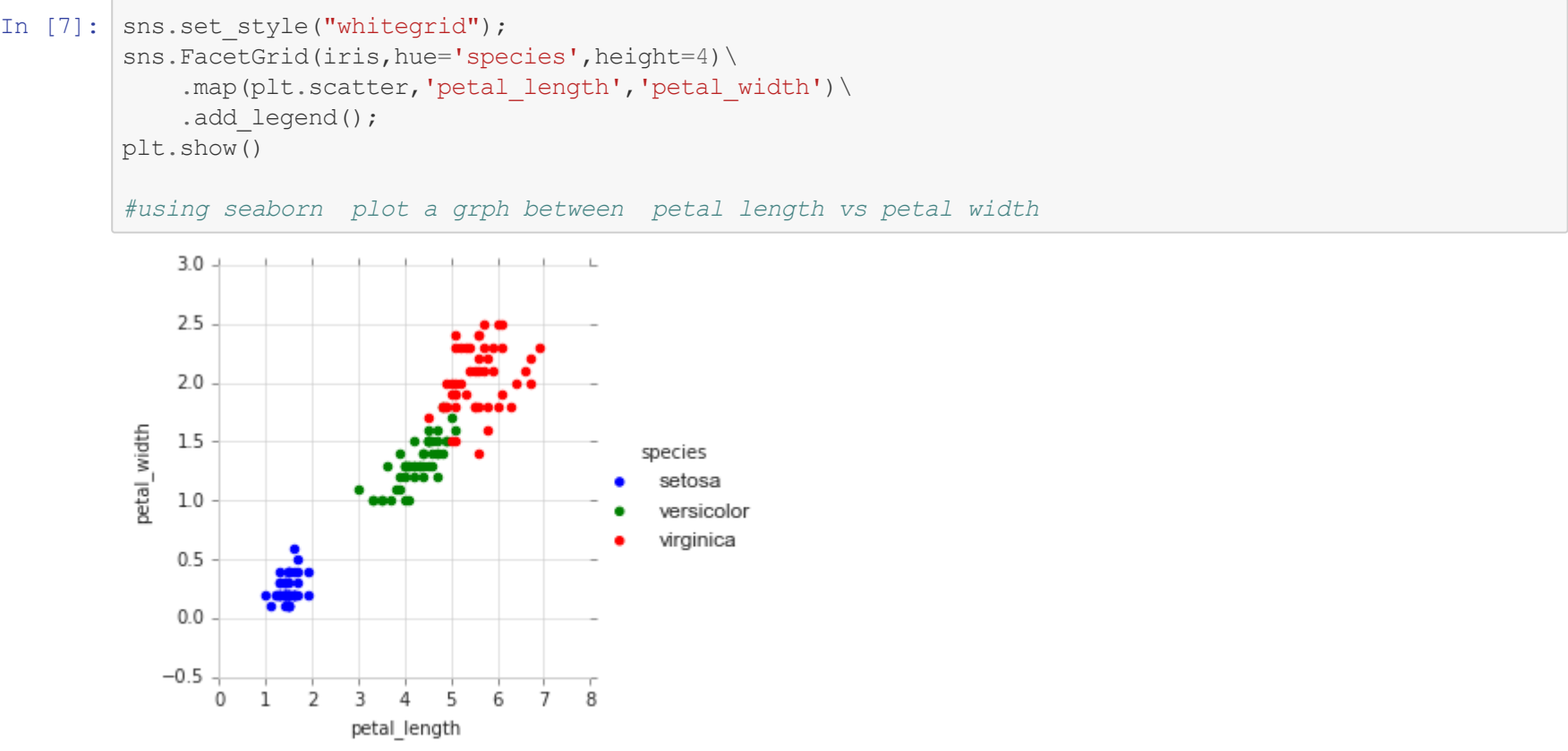
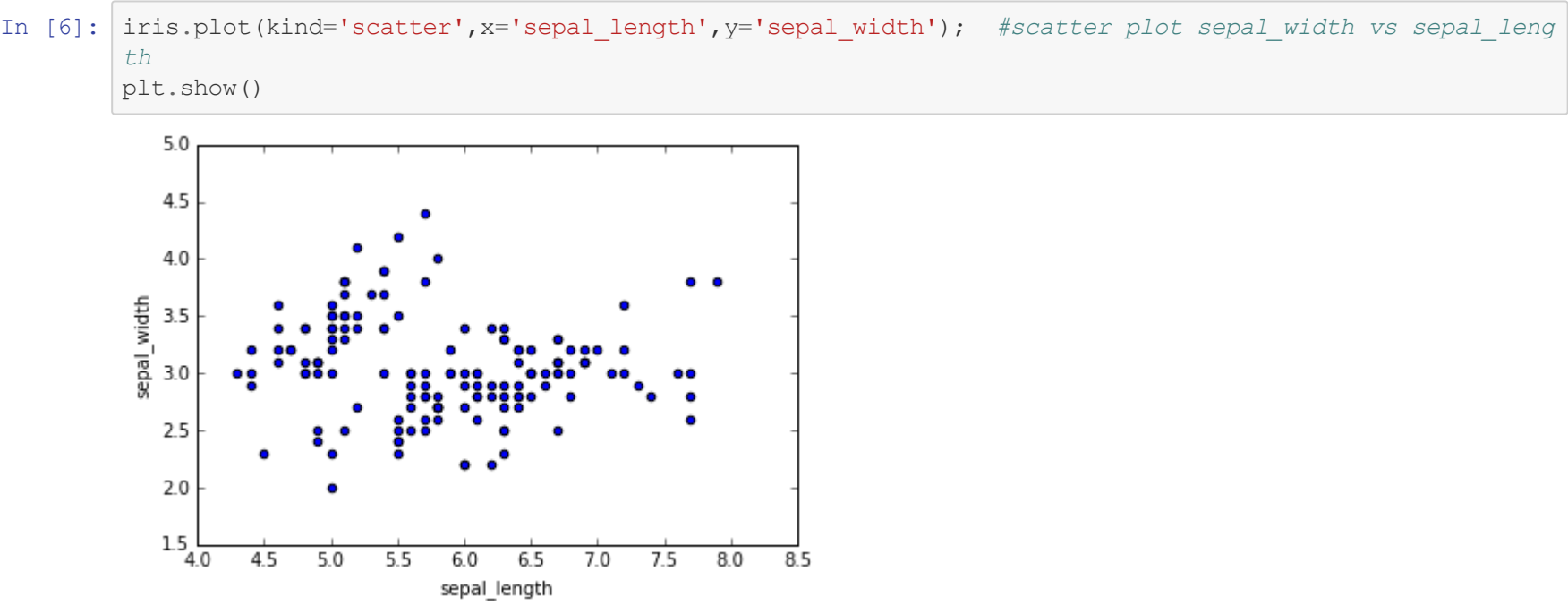
```
In [2]: iris.shape
Out[2]: (150, 5)
```

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In [3]: iris.head()
Out[3]:
```

	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

```
In [4]: iris.columns #to get info about columns
Out[4]: Index(['sepal_length', 'sepal_width', 'petal_length', 'petal_width',
'species'],
dtype='object')
```

```
In [5]: iris["species"].value_counts() #to count values
Out[5]: versicolor    50
setosa              50
virginica          50
Name: species, dtype: int64
```



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In [ ]:
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