

```
!wget https://raw.githubusercontent.com/uiuc-cse/data-fa14/gh-pages/data/iris.csv
```

```
--2021-09-17 03:46:31-- https://raw.githubusercontent.com/uiuc-cse/data-fa14/gh-pages/
Resolving raw.githubusercontent.com (raw.githubusercontent.com)... 185.199.110.133, 185
Connecting to raw.githubusercontent.com (raw.githubusercontent.com)|185.199.110.133|:443:
HTTP request sent, awaiting response... 200 OK
Length: 3716 (3.6K) [text/plain]
Saving to: 'iris.csv'
```

```
iris.csv          100%[=====>]    3.63K  --.-KB/s    in 0s
```

```
2021-09-17 03:46:31 (56.3 MB/s) - 'iris.csv' saved [3716/3716]
```



```
#importing packages
```

```
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
```

```
iris = pd.read_csv('iris.csv') #reading the csv file
```

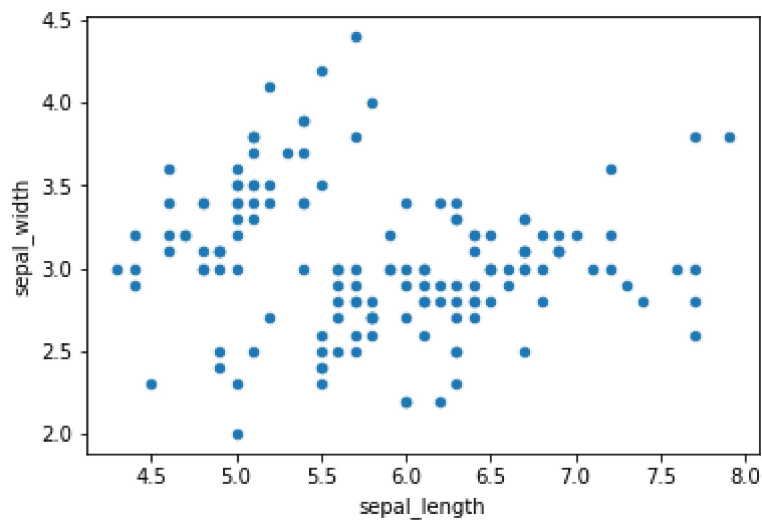
```
iris #printing the csv file
```

	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
```

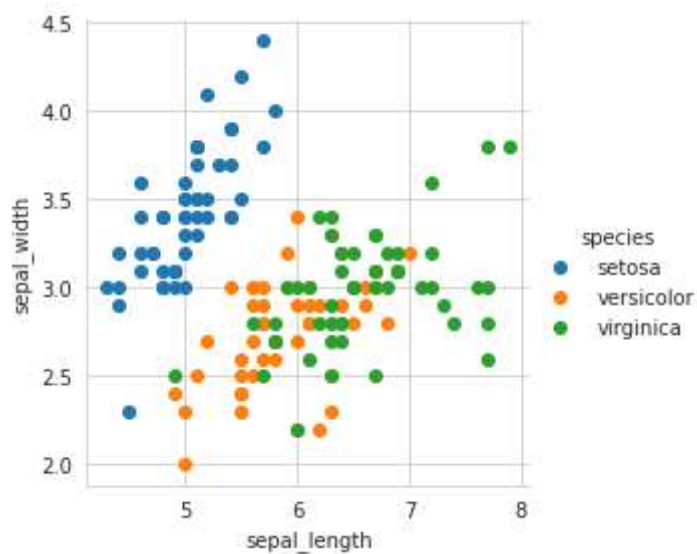
```
iris.plot(kind='scatter', x= 'sepal_length', y='sepal_width') #plotting
```

```
plt.show()
```



```
sns.set_style('whitegrid')
```

```
sns.FacetGrid(iris, hue='species', height =4).map(plt.scatter, 'sepal_length', 'sepal_width').a  
plt.show()
```



```
sns.pairplot(iris, hue='species', height=4) #plotting  
plt.show()
```





✓ 11s completed at 9:31 AM

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