

Pairplots

Pairplots are used to plot multiple pairwise bivariate distributions in a dataset. This creates a matrix of axes and shows the relationship for each pair of columns in a DataFrame. By defaults. It also draws the univariate distribution of each variable on the diagonal Axes.

```
In [2]: import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
```

```
In [4]: plt.style.use('fivethirtyeight')
```

```
In [5]: iris=sns.load_dataset('iris')
```

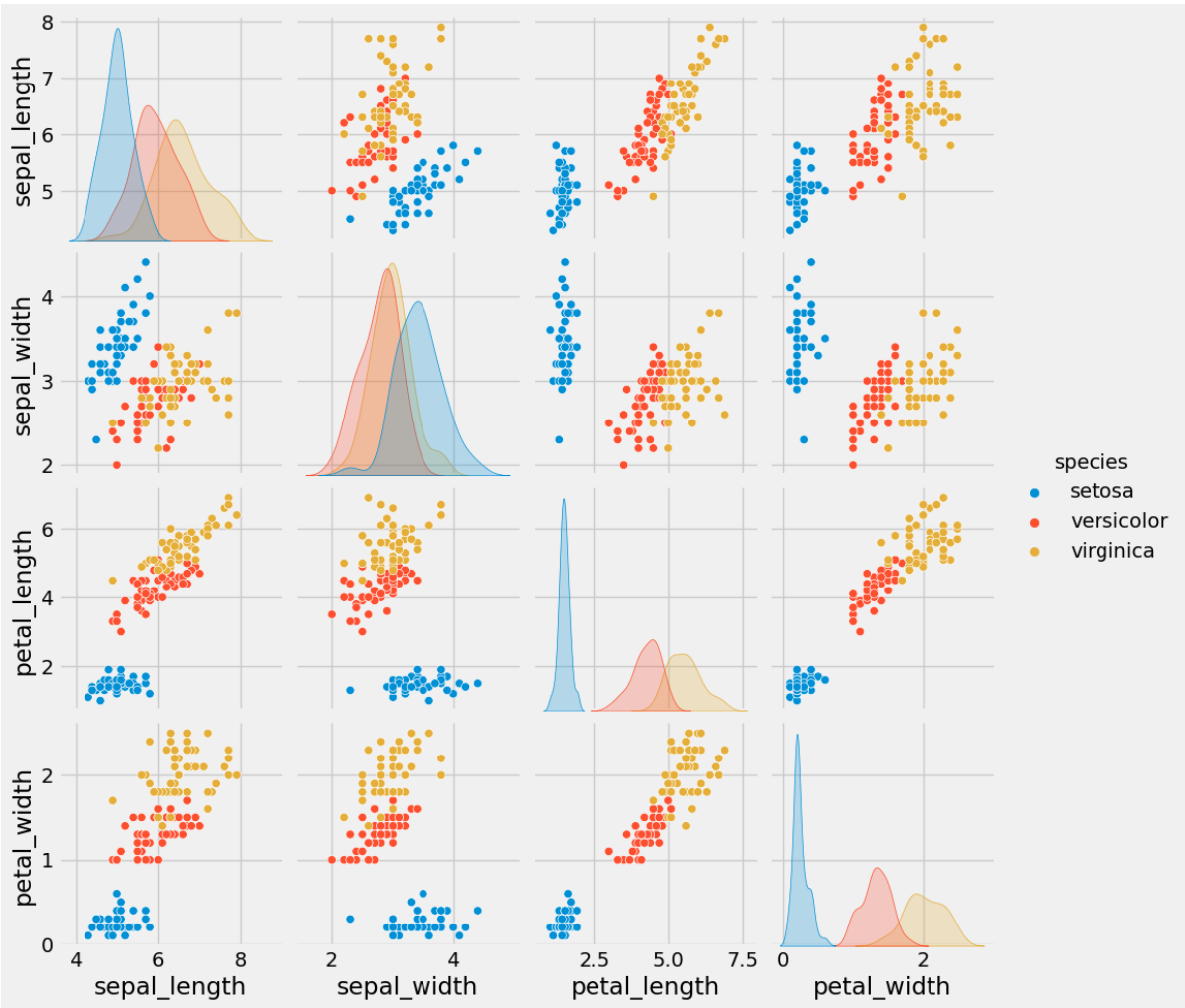
```
In [6]: iris.head()
```

```
Out[6]:
```

	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 [8]: sns.pairplot(iris, hue='species')
```

```
Out[8]: <seaborn.axisgrid.PairGrid at 0x25098109600>
```



In []: