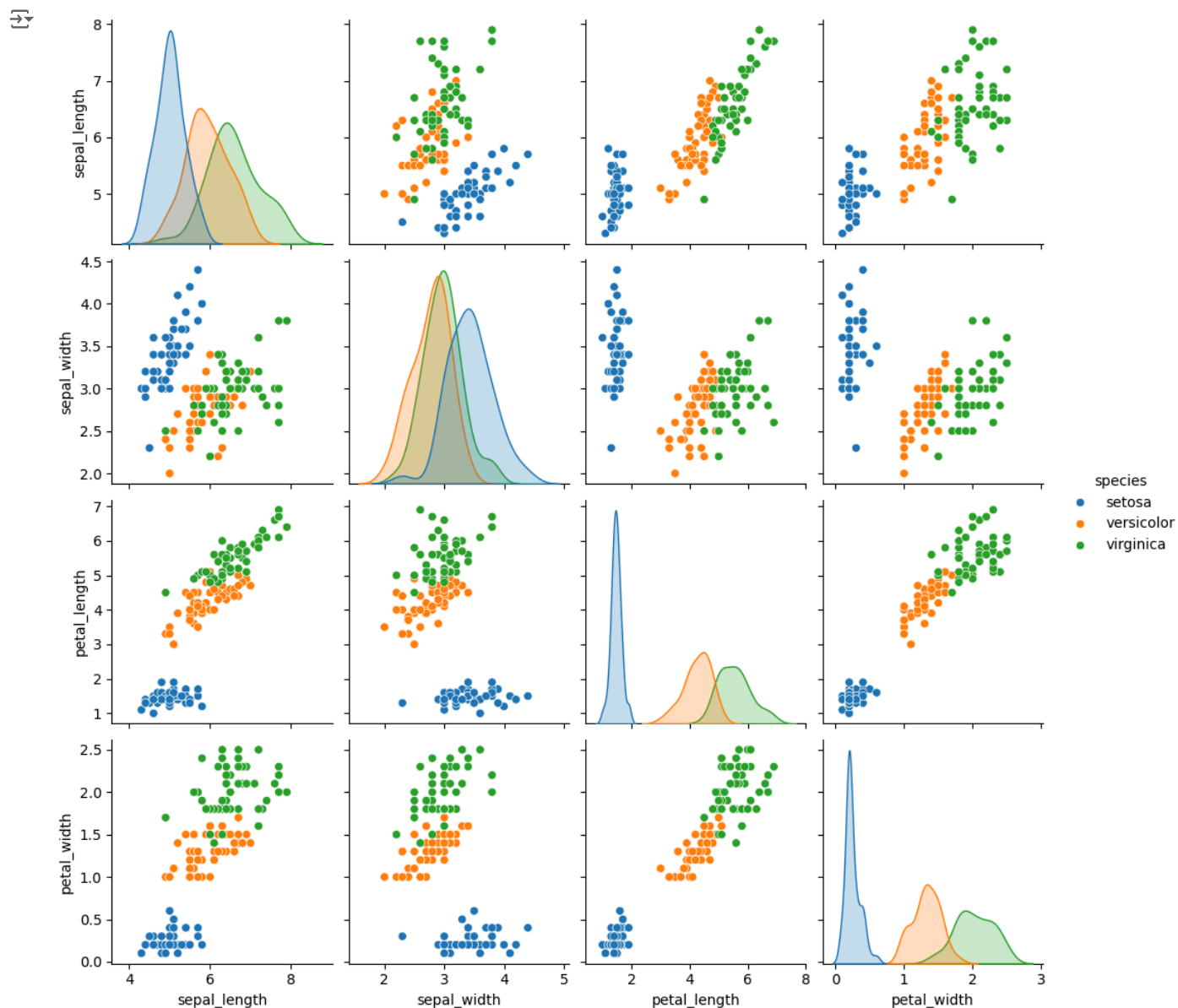


```
import seaborn as sns
```

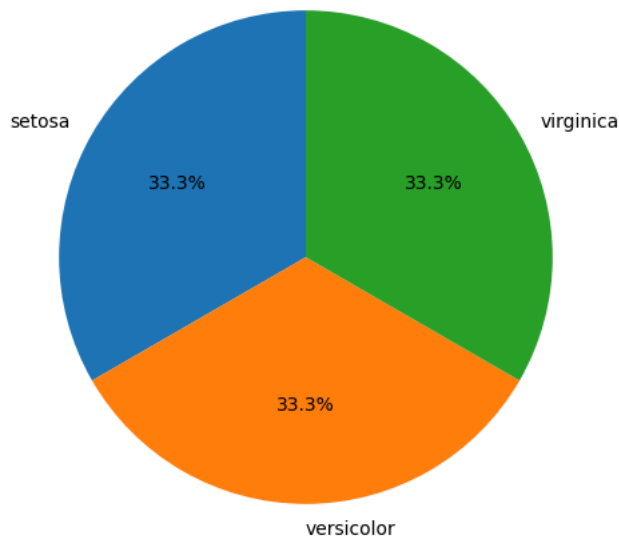
```
import matplotlib.pyplot as plt
iris=sns.load_dataset('iris')
sns.pairplot(iris,hue='species',height=2.5)
plt.show()
```



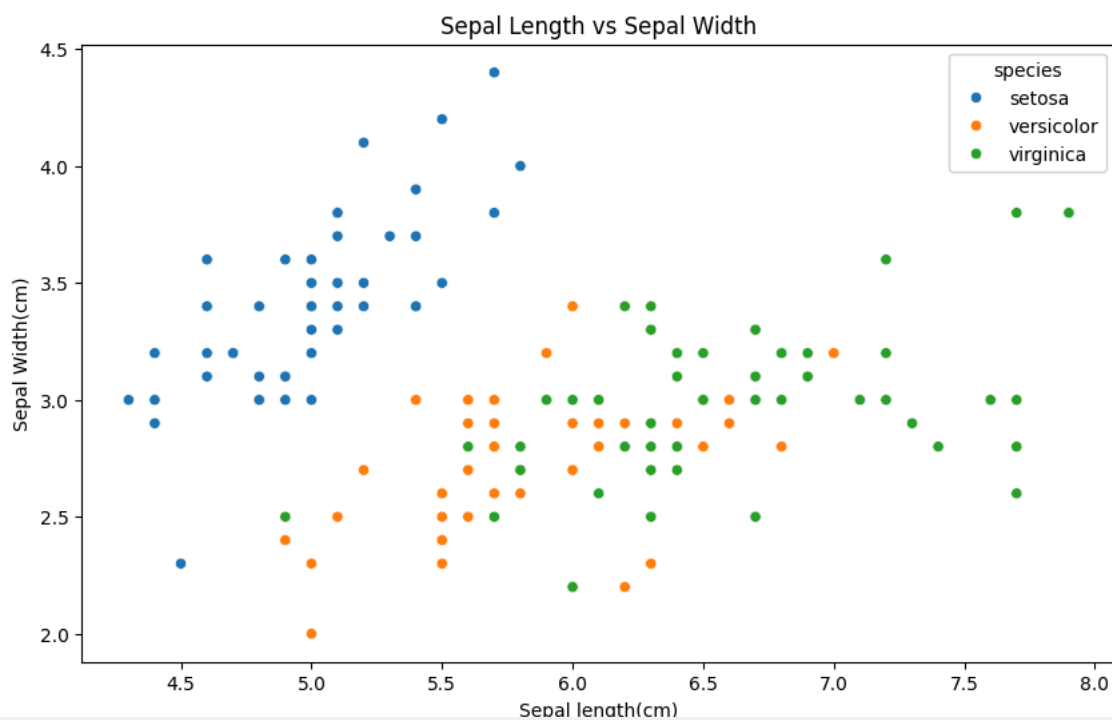
```
import seaborn as sns
import matplotlib.pyplot as plt
iris=sns.load_dataset('iris')
species_counts=iris['species'].value_counts()
plt.figure(figsize=(6,6))
plt.pie(species_counts,labels=species_count.index,autopct='%1.1f%%',startangle=90)
plt.title("Species Frequency in Iris Dataset")
plt.show()
```



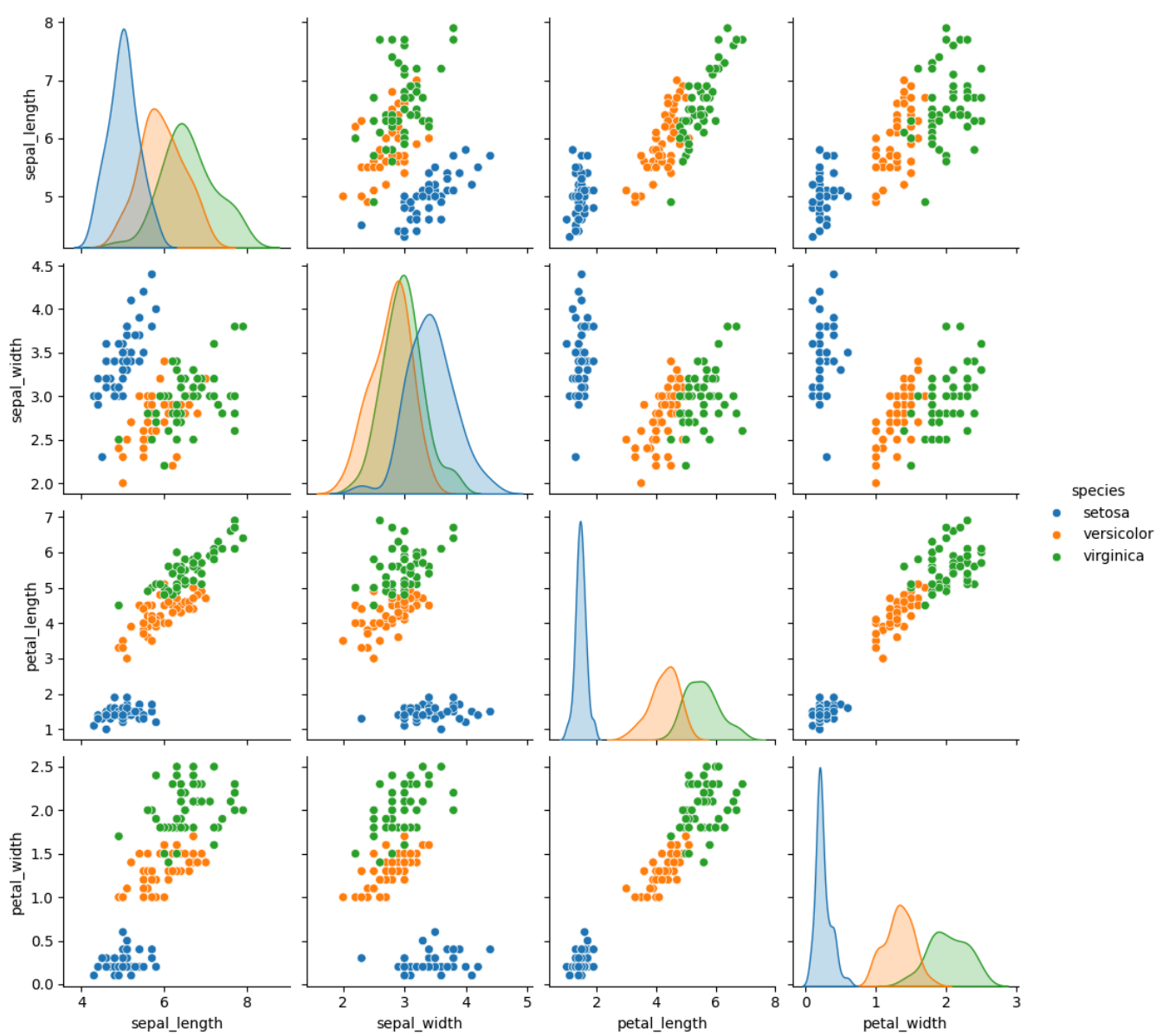
Species Frequency in Iris Dataset



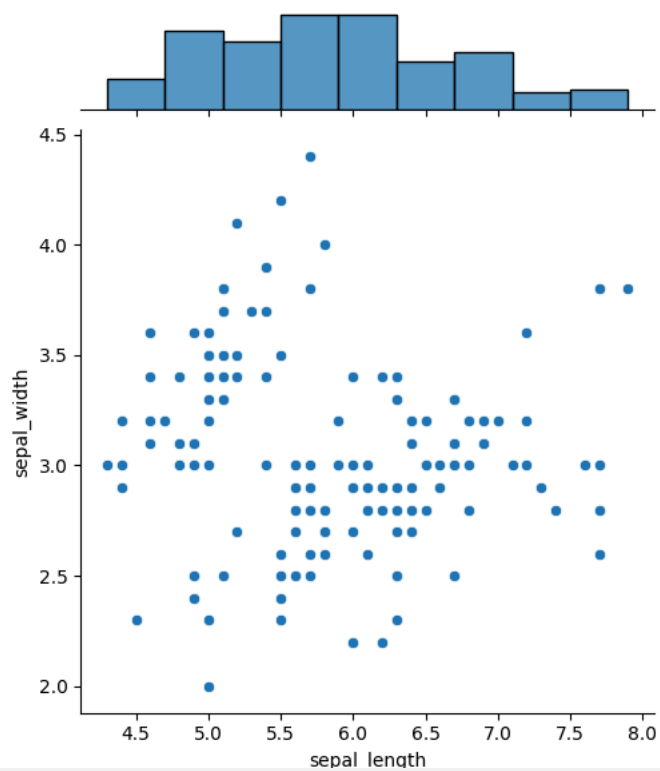
```
import seaborn as sns
import matplotlib.pyplot as plt
iris=sns.load_dataset('iris')
plt.figure(figsize=(10,6))
sns.scatterplot(x='sepal_length',y='sepal_width',hue='species',data=iris)
plt.title("Sepal Length vs Sepal Width")
plt.xlabel('Sepal length(cm)')
plt.ylabel('Sepal Width(cm)')
plt.show()
```



```
import seaborn as sns
import matplotlib.pyplot as plt
iris=sns.load_dataset('iris')
sns.pairplot(iris,hue='species',height=2.5)
plt.show()
```



```
import seaborn as sns
import matplotlib.pyplot as plt
iris=sns.load_dataset('iris')
sns.jointplot(x='sepal_length',y='sepal_width',data=iris,kind='scatter')
plt.show()
```



```
import seaborn as sns
import matplotlib.pyplot as plt
iris=sns.load_dataset('iris')
setosa=iris[iris['species']=='setosa']
sns.kdeplot(x='sepal_length',y='sepal_width',data=setosa,shade=True,cmap="viridis")
plt.title("KDE plot of Sepal Length vs Sepal Width(setosa)")
plt.show()
```

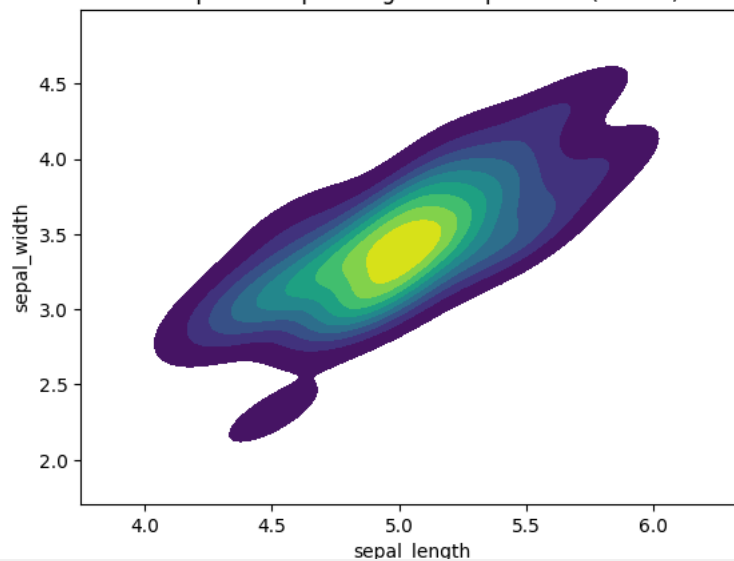


<ipython-input-5-714ca34e094b>:5: FutureWarning:


`shade` is now deprecated in favor of `fill`; setting `fill=True`.
This will become an error in seaborn v0.14.0; please update your code.

```
sns.kdeplot(x='sepal_length',y='sepal_width',data=setosa,shade=True,cmap="viridis")
```

KDE plot of Sepal Length vs Sepal Width(setosa)

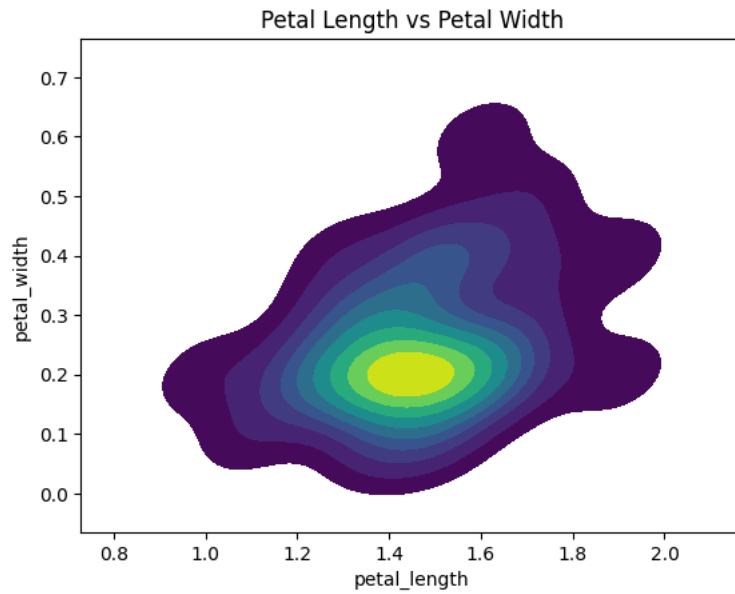


```
import seaborn as sns
import matplotlib.pyplot as plt
iris=sns.load_dataset('iris')
setosa=iris[iris['species']=='setosa']
sns.kdeplot(x='petal_length',y='petal_width',data=setosa,shade=True,cmap="viridis")
plt.title("Petal Length vs Petal Width")
plt.show()
```

 <ipython-input-3-d1c828dafaf6>:5: FutureWarning:

`shade` is now deprecated in favor of `fill`; setting `fill=True`.
This will become an error in seaborn v0.14.0; please update your code.

```
sns.kdeplot(x='petal_length',y='petal_width',data=setosa,shade=True,cmap="viridis")
```



<ipython-input-4-d1c828dafaf6>:5: FutureWarning:

`shade` is now deprecated in favor of `fill`; setting `fill=True`.
This will become an error in seaborn v0.14.0; please update your code.

```
sns.kdeplot(x='petal_length',y='petal_width',data=setosa,shade=True,cmap="viridis")
```

