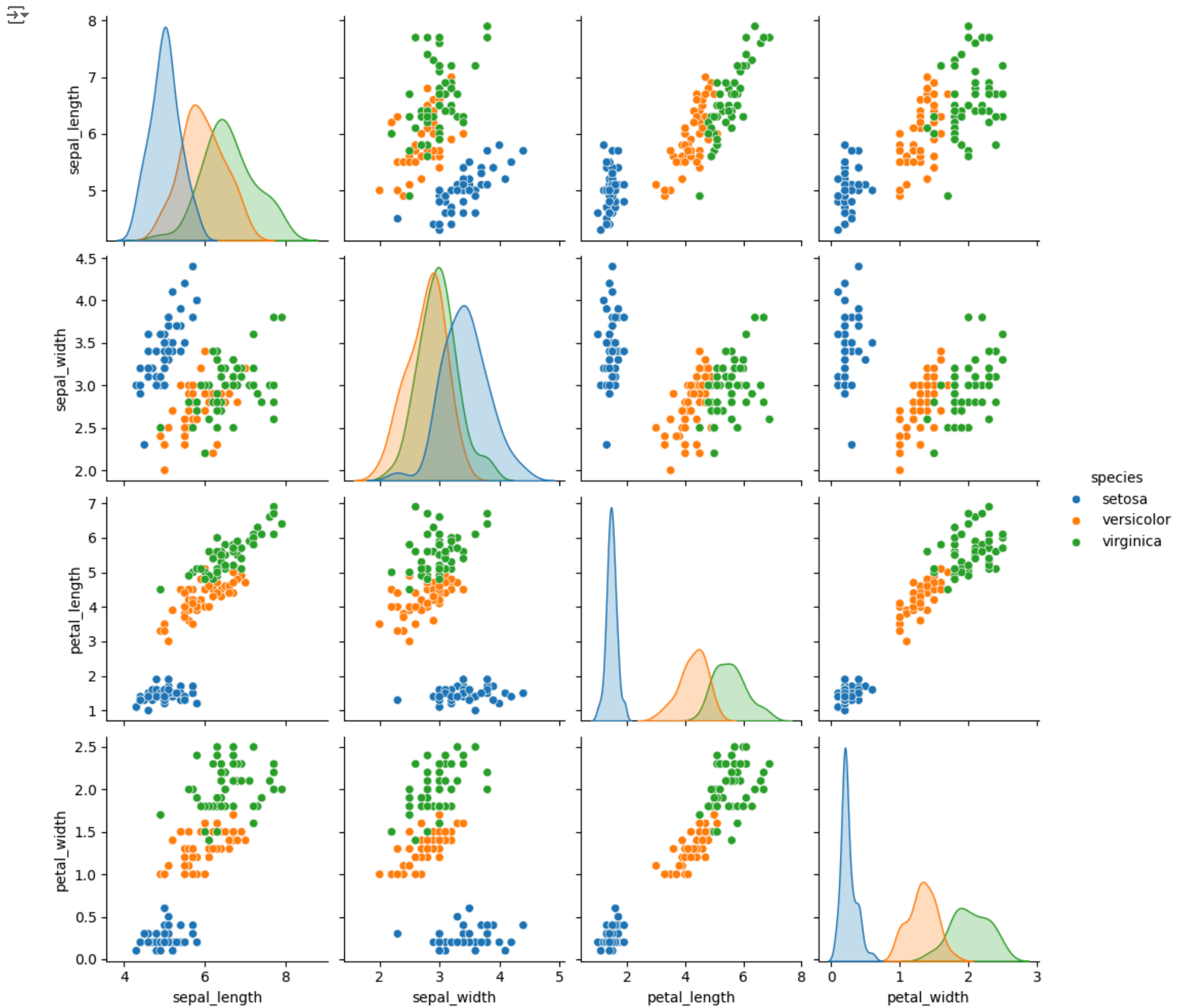


```
import seaborn as sns
import matplotlib.pyplot as plt
iris=sns.load_dataset('iris')
```

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



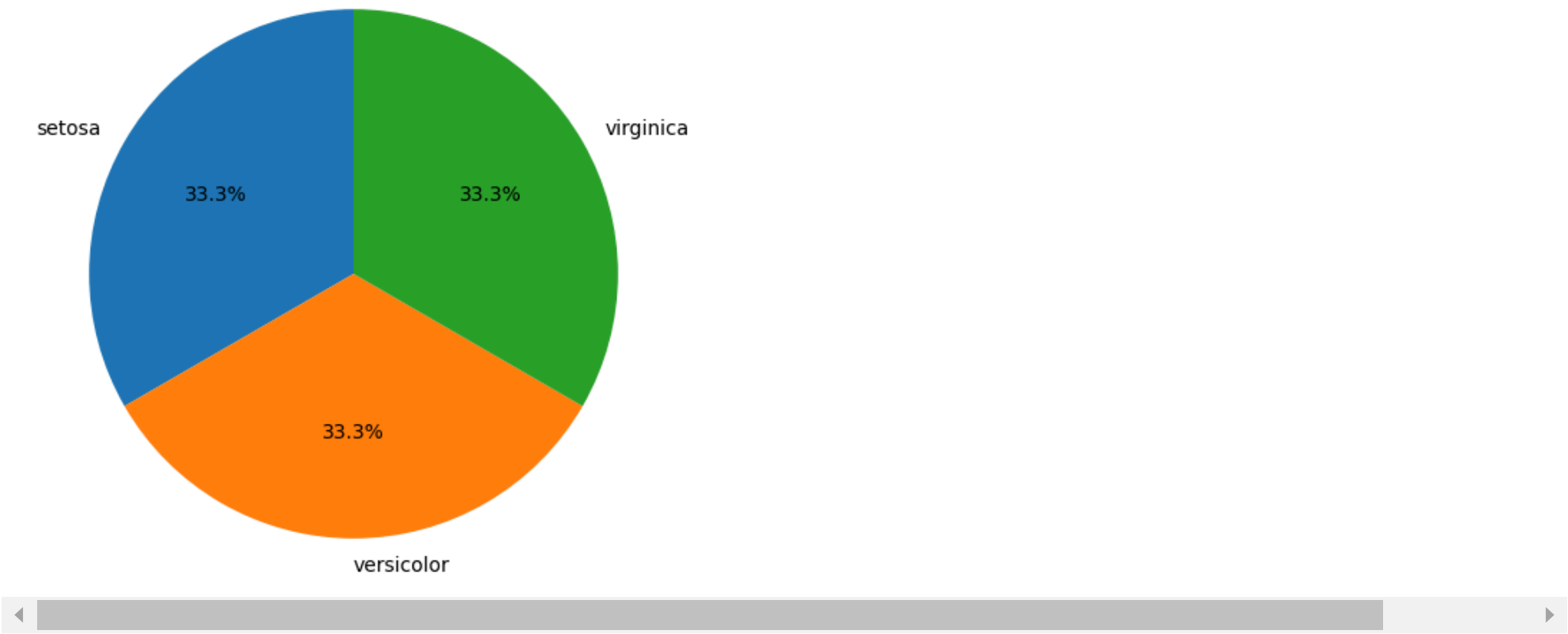
```
import seaborn as sns
import matplotlib.pyplot as plt
```

```
iris = sns.load_dataset('iris')
species_counts = iris['species'].value_counts()
```

```
plt.figure(figsize=(6, 6))
plt.pie(species_counts, labels=species_counts.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

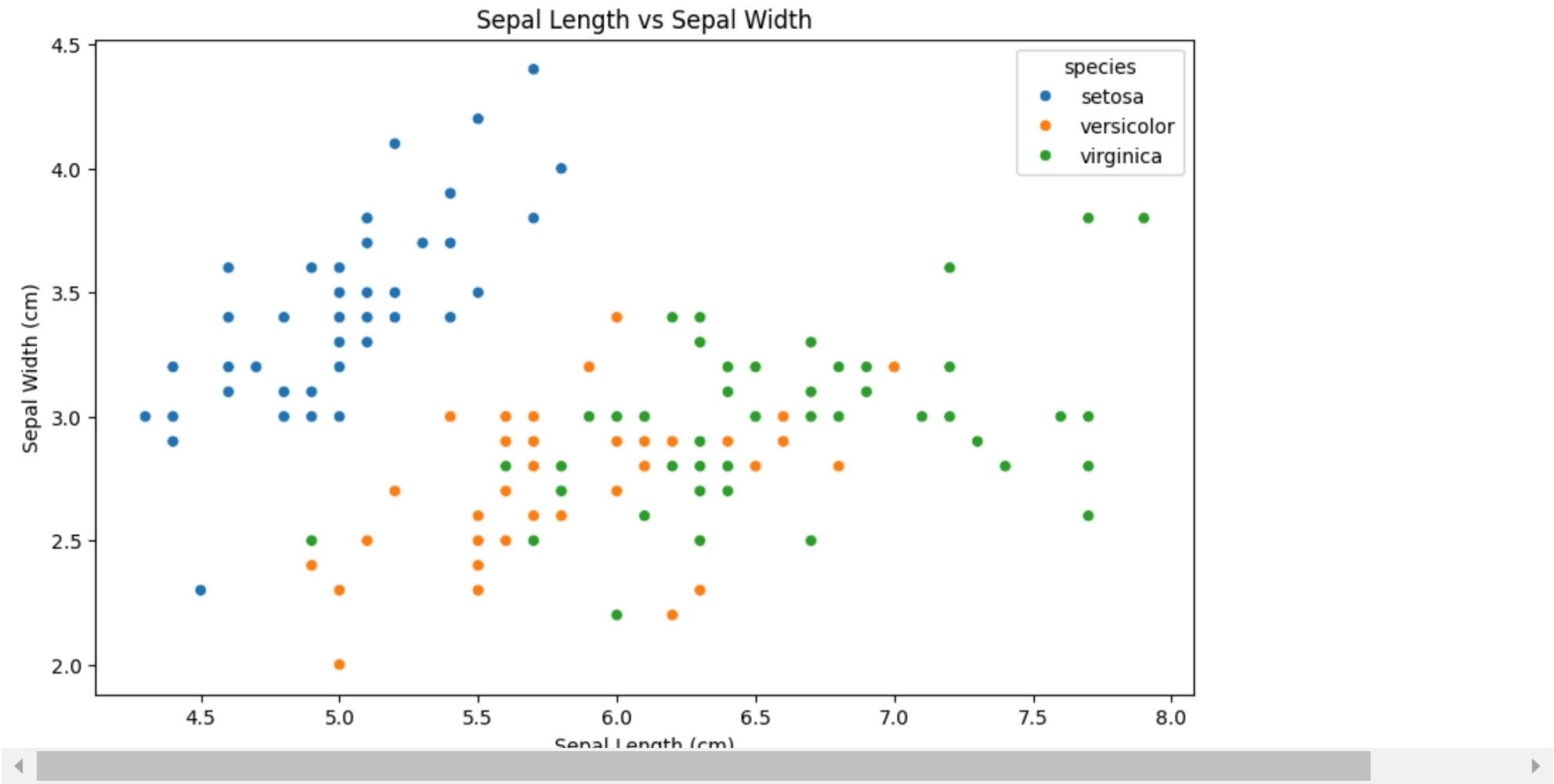
# Load dataset
iris = sns.load_dataset('iris')

# Set figure size
plt.figure(figsize=(10, 6))

# Create scatter plot
sns.scatterplot(x='sepal_length', y='sepal_width', hue='species', data=iris)

# Set plot title and labels
plt.title('Sepal Length vs Sepal Width')
plt.xlabel('Sepal Length (cm)')
plt.ylabel('Sepal Width (cm)')

# Display the plot
plt.show()
```

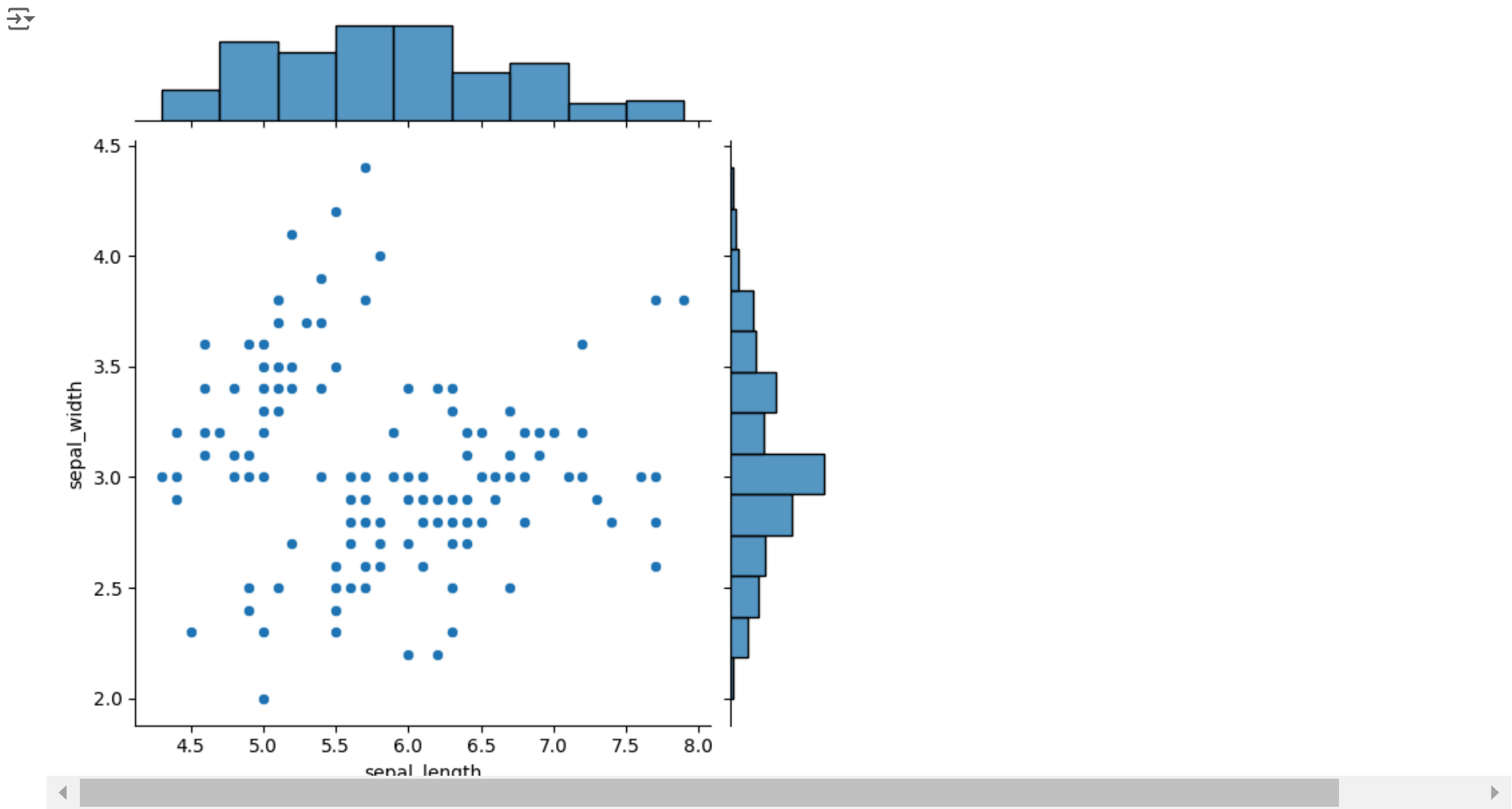


```
import seaborn as sns
import matplotlib.pyplot as plt

# Load the dataset
iris = sns.load_dataset('iris')

# Create a jointplot
sns.jointplot(x='sepal_length', y='sepal_width', data=iris, kind='scatter') # Use '=' instead of '-'
```

```
# Show the plot
plt.show()
```

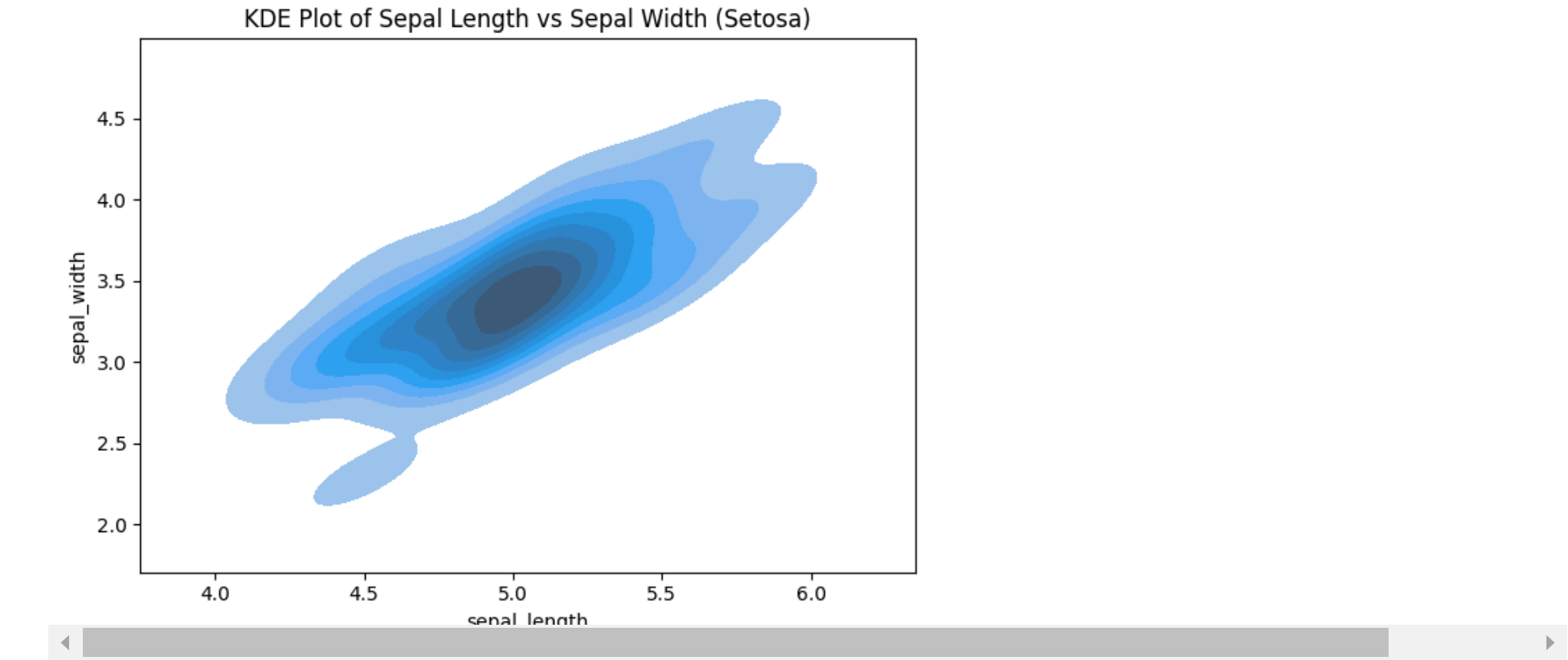


```
import seaborn as sns
import matplotlib.pyplot as plt
iris = sns.load_dataset('iris')
setosa = iris[iris['species'] == 'setosa']
sns.kdeplot(x='sepal_length', y='sepal_width', data=setosa, shade=True)
plt.title('KDE Plot of Sepal Length vs Sepal Width (Setosa)')
plt.tight_layout()
plt.show()
```

<ipython-input-7-7ddee188536f>: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)
```



KDE Plot for Setosa Species (Petal Length vs Petal Width):

```
import seaborn as sns
import matplotlib.pyplot as plt
iris = sns.load_dataset('iris')
sns.kdeplot(x='petal_length', y='petal_width', data=setosa, shade=True)
plt.title('KDE Plot of Petal Length vs Petal Width (Setosa)')
```

```
plt.tight_layout()
plt.show()
```

```
<ipython-input-5-0144c8f3505e>:4: 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)
```

