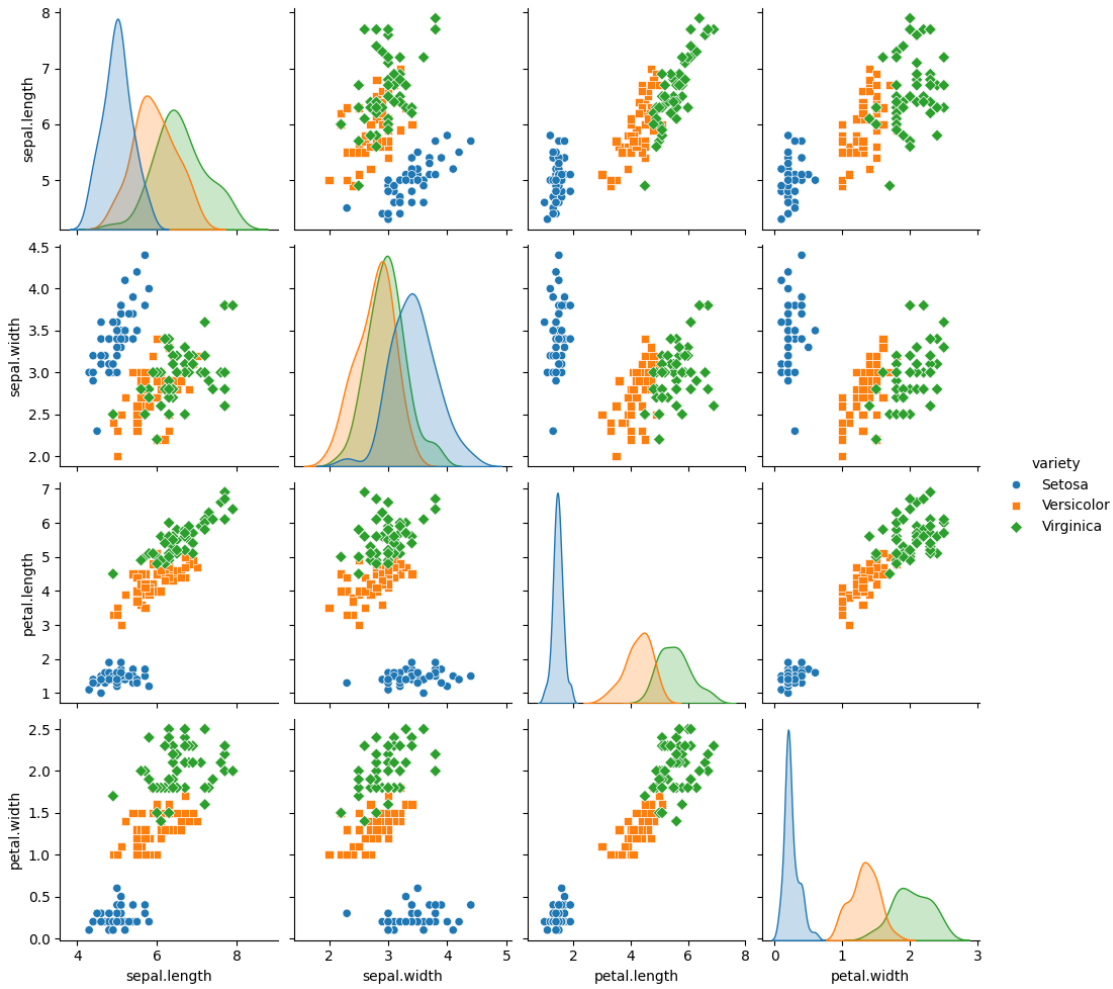
```
import matplotlib.pyplot as plt
data = pd.read_csv('./irisDataset.csv')
numeric_data = data.select_dtypes(include=[float, int])
correlation_matrix = numeric_data.corr()
print("Correlation Matrix:")
print(correlation_matrix)
correlation_matrix_unstacked = correlation_matrix.abs().unstack()
sorted_correlation = correlation_matrix_unstacked.sort_values(ascending=False)
sorted_correlation = sorted_correlation[sorted_correlation != 1]
strongest_pair = sorted_correlation.idxmax()
sns.pairplot(data, hue="variety", markers=["o", "s", "D"])
plt.show()
print(f"\nThe two attributes showing the strongest linear relationship are:␣
  ↪{strongest_pair}")
```

```
Correlation Matrix:
              sepal.length  sepal.width  petal.length  petal.width
sepal.length      1.000000    -0.117570      0.871754     0.817941
sepal.width      -0.117570     1.000000     -0.428440    -0.366126
petal.length      0.871754    -0.428440      1.000000     0.962865
petal.width       0.817941    -0.366126      0.962865     1.000000
```




```
The two attributes showing the strongest linear relationship are:
('petal.length', 'petal.width')
```