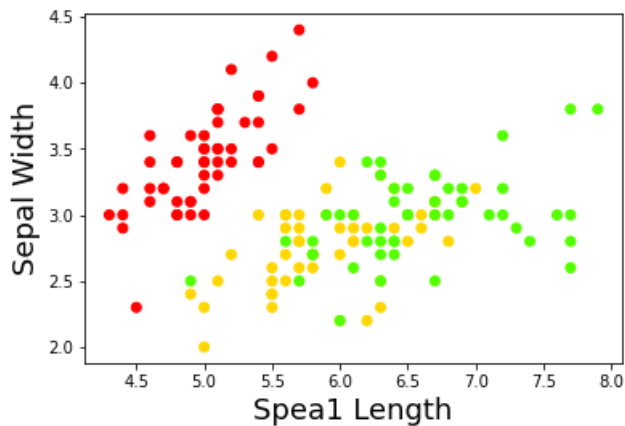
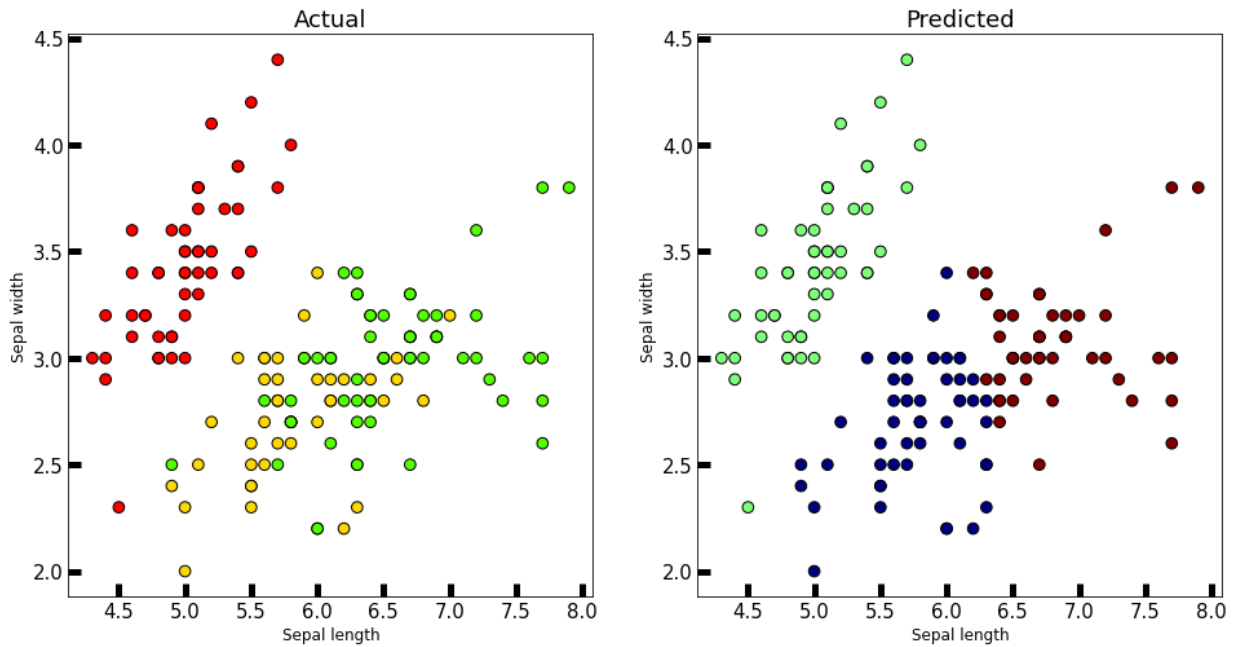


```
Out[3]: Text(0, 0.5, 'Sepal Width')
```

[illegible]

```
In [5]: fig, axes = plt.subplots( 1,2, figsize=(16,8))
axes[0].scatter(X[:, 0], X[:, 1], c=y, cmap='prism',edgecolor='k', s=75)
axes[1].scatter(X[:, 0], X[:, 1], c=new_labels, cmap='jet',edgecolor='k', s=75)
axes[0].set_xlabel('Sepal length', fontsize=12)
axes[0].set_ylabel('Sepal width', fontsize=12)
axes[1].set_xlabel('Sepal length', fontsize=12)
axes[1].set_ylabel('Sepal width', fontsize=12)
axes[0].tick_params(direction='in', length=10, width=5, colors='k', labels=15)
axes[1].tick_params(direction='in', length=10, width=5, colors='k', labels=15)
axes[0].set_title('Actual', fontsize=18)
axes[1].set_title('Predicted', fontsize=18)
```

Out[5]: Text(0.5, 1.0, 'Predicted')



```
Out[6]: array([[1.05159358, 0.11840608, 1.76483558],
 [0.9261403 , 0.44093083, 1.91421501],
 [1.18751365, 0.38160189, 2.11649197],
 [1.24233499, 0.52193869, 2.21291325],
 [1.19250806, 0.17210462, 1.88740674],
 [1.26401576, 0.61483331, 1.6362795 ],
 [1.37037386, 0.40696437, 2.23658316],
 [1.04835901, 0.02863564, 1.84176313],
 [1.38917649, 0.80375369, 2.41906566],
 [0.96397369, 0.34470277, 1.91293635],
 [1.07457758, 0.47876926, 1.54505593],
 [1.20353254, 0.2078942 , 2.03892075],
 [1.02100579, 0.47499474, 2.01414307],
 [1.50533642, 0.82560281, 2.51386918],
 [1.30781396, 0.9785806 , 1.37197092],
 [1.70913197, 1.19432826, 1.73068857],
 [1.26401576, 0.61483331, 1.6362795 ],
 [1.05159358, 0.11840608, 1.76483558],
 [1.10998895, 0.78741349, 1.32839928],
```