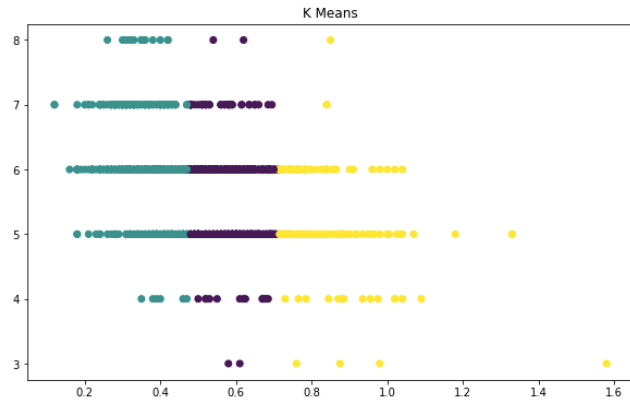


```
In [23]: plt.figure(figsize=(10,6))
plt.title('K Means')
plt.scatter(wineTrimmed['volatile_acidity'],wineTrimmed['quality'],c=kmeans.labels_)
```

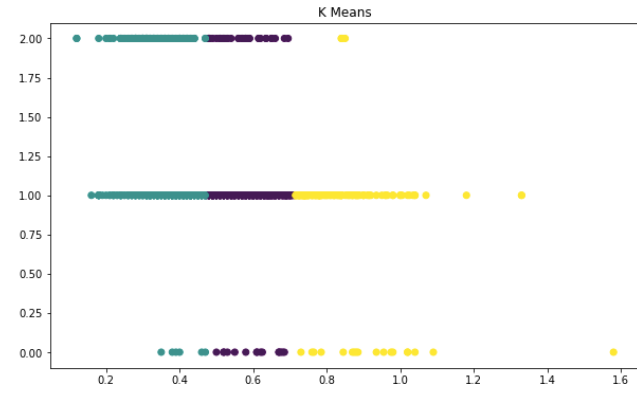
Out[23]: <matplotlib.collections.PathCollection at 0x7f954c29edc0>



Volatile Acidity vs. Quality

```
In [19]: plt.figure(figsize=(10,6))
plt.title('K Means')
plt.scatter(wineTrimmed['volatile_acidity'],wineTrimmed['qualityR'],c=kmeans.labels_)
```

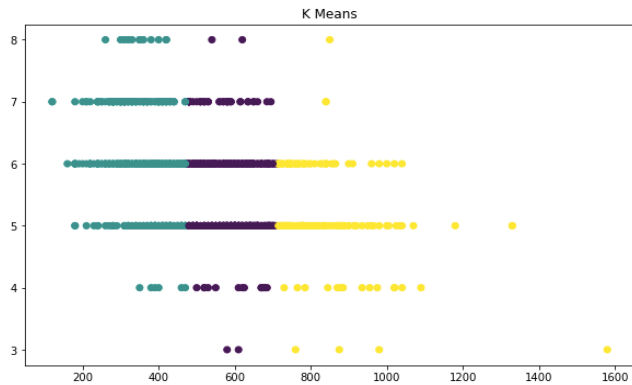
Out[19]: <matplotlib.collections.PathCollection at 0x7f954bba7ee0>



Volatile Acidity vs. Quality (Recoded)

```
In [20]: plt.figure(figsize=(10,6))
plt.title('K Means')
plt.scatter(wineTrimmed['volatile_acidityR'],wineTrimmed['quality'],c=kmeans.labels_)
```

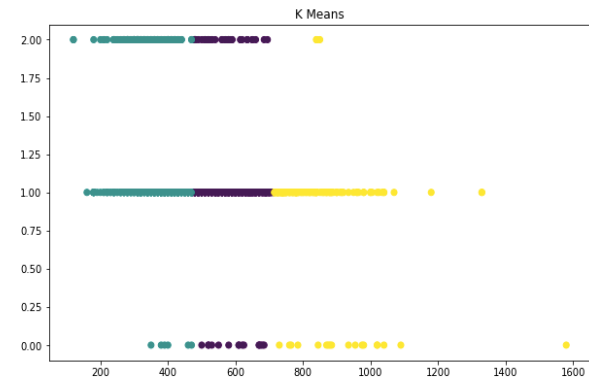
Out[20]: <matplotlib.collections.PathCollection at 0x7f954bd65460>



Volatile Acidity (Recoded) vs. Quality

```
In [18]: plt.figure(figsize=(10,6))
plt.title('K Means')
plt.scatter(wineTrimmed['volatile_acidityR'],wineTrimmed['qualityR'],c=kmeans.labels_)
```

Out[18]: <matplotlib.collections.PathCollection at 0x7f954b364d60>



Volatile Acidity (Recoded) vs. Quality (Recoded)

