

Import Library

```
In [1]: from KMeansImage import kmeans_image
```

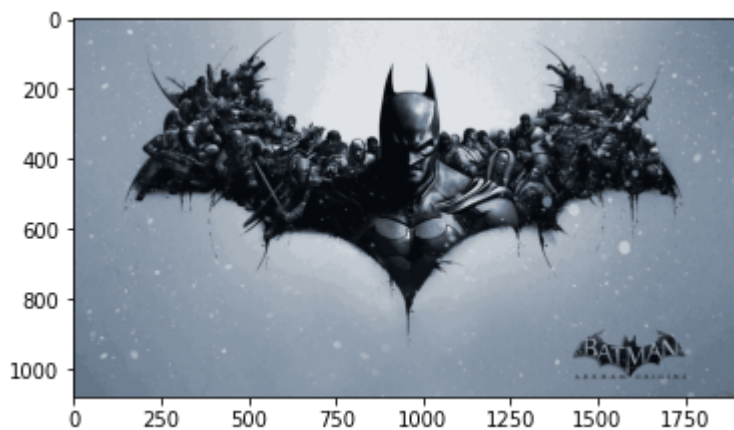
First parameter = path

Second parameter = No. of colors i.e. Clusters

```
In [11]: k_img = kmeans_image('/home/sahil/Downloads/KMeansImage/res/batman.jpg', 20)
```

Original Image size: 419.291KB

Compressed Image: 253.235KB



See the difference between size of both pics

For saving the file use -

```
In [12]: k_img.save()
```

Image saved: /home/sahil/Downloads/KMeansImage/res/batman_KMeans_.jpg

Interactive For Jupyter Notebook

```
In [13]: from KMeansImage import kmeans_image_ui
```

Paramete = Image directory path

```
In [16]: k_img = kmeans_image_ui('/home/sahil/Downloads/KMeansImage/res/') 
```

```
In [17]: k_img.save()
```

Image saved: /home/sahil/Downloads/KMeansImage/res/sherlock_KMeans_.jpg