

Assignment-6 Part-3(Report)

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Description :

The task was to carry out image segmentation. It is an emerging field of machine learning due to its application in image recognition. We used k-means clustering which is an unsupervised learning algorithm. We tried out various values of k and found that we got the best results for k=4. We have made the program such that you only need to enter the path to the folder containing the images. The only requirement is that the images should be named as image1.jpg, image2.jpg and so on.

Packages Used :

- os
- numpy
- sys
- cv2