Assignment29: Session 29 Machine Learning 9

**2. Problem Statement**

In this assignment students have to compress racoon grey scale image into 5 clusters. In

the end, visualize both raw and compressed image and look for quality difference.

The raw image is available in spicy.misc package with the name face.

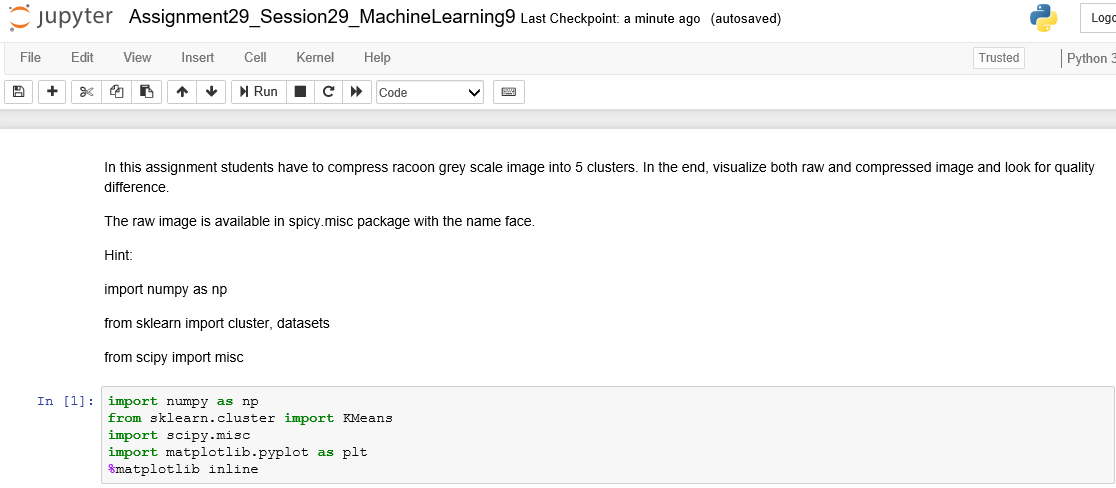
Hint:

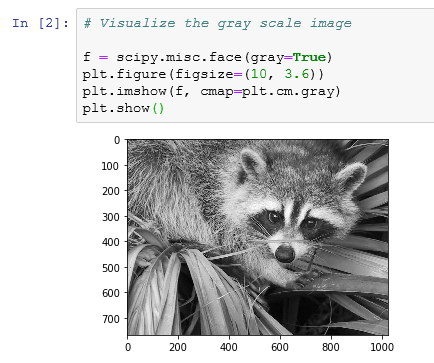
import numpy as np

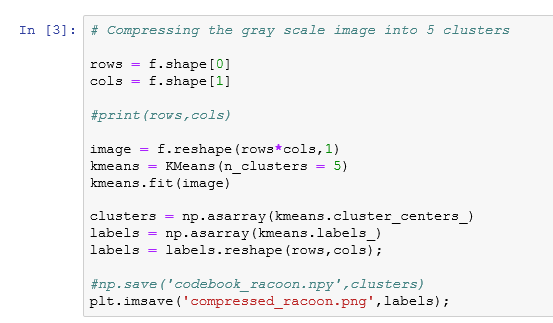
from sklearn import cluster, datasets

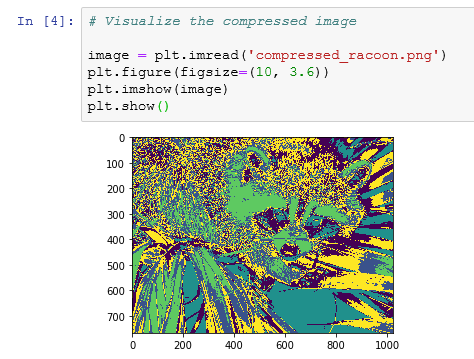
from scipy import misc

**3. Output**

****

****

****

****