



Session 29

Assignment 1 Question

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1. Introduction

This assignment will help you to consolidate the concepts learnt in the session.

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 spacy.misc package with the name face.

Hint:

```
import numpy as np

from sklearn import cluster, datasets

from scipy import misc
```

NOTE: The solution shared through Github should contain the source code used and the screenshot of the output.

3. Output

N/A