C-M-009: Machine Learning Lab II '20-21

Lab. 3 (Given December 29, 2020; Due December 31, 2020)

Your answers must be entered in Moodle by midnight of the day it is due. You must submit the code as well as a self-contained PDF which has the approach, an explanation of the implementation, the output as well as anything else asked by the question. Marks devoted to this Lab. are indicated in the "Syllabus" sheet that was provided the first day of class.

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1. In this simple exercise, you will construct a GAN to generate human faces. Train your VAE on the celebA dataset but you will not be using the attributes part of the dataset. The images themselves are 64×64 pixels dataset. Submit 3 generated images that appear realistic.