Readme File for Question 3- HW3

# General

The code was written using Colab, to use the file follow these steps:

First, you have to move/copy this folder to “my drive” from “shared with me”. Otherwise, you will not be able to load or save any model to the exercise folder.

In the Code, make sure that the folder is in the right place!!!!

The exercise folder can be found on the Google Drive server in the following directory:

<https://drive.google.com/open?id=1SRN_NPWQajBMI_grUYim0QvFDmtFy22->

The notebook includes six main sections:

1. Hyper-parameters
2. General setup
3. VAE Train
4. SVM training and testing
5. Load and evaluate trained models

# Train new models

For training a new models run the sections in the following order :

1. Hyper-parameters
2. General setup
3. VAE Train
4. SVM training and testing

# Evaluate trained models

Here, the code evaluate and compared all 4 SVM models.

To load and test (compare) the saved models, run the sections in the following order

1. Hyper-parameters - !!! must be defined with respect to the saved models
2. General setup
3. Load and evaluate trained models