

Intro to AI & CV
Instructor: Dr. Rabih Younes

Homework 4

You are to download the MNIST dataset (<https://www.kaggle.com/scolianni/mnistasjpg>), split it into a training set (70%) and a testing set (30%), then submit the following:

1. Code showing the use of a traditional machine learning algorithm (e.g., SVM) to build a classifier for the dataset.
 - a. A confusion matrix showing the obtained results from the testing data.
2. Code showing the use of a deep learning algorithm (e.g., CNN) to build a classifier for the dataset.
 - a. A confusion matrix showing the obtained results from the testing data.