Assignment # 6 - Details

Due Date: NOV 15, 2022
Deliverable Length: as needed
Type: Individual Project
Submission Format: pdf file

Assignment Description

This assignment is based on the discussion re Convolutional Neural Networks (CNN) that was studied and discussed in length in our last lecture. In this assignment, we will practice with a number of widely used and popular software that potentially can be helpful for our future AI/DL/ML implementations. For this assignment, please focus your discussion on three options below:

- **PyTorch**
- **TensorFlow**
- **Keras**

For each software, please explain the hardware and other software requirement, installation process & related requirement, the strength and shortcoming, and provide a table that compare their similarity and difference. In the concluding remarks, please identify your software of choice and reasons behind your decision.