

Assignment 1 - Deep Learning for CV - Building a CNN

Build your own CNN model to classify objects in the MNIST handwritten digit database or any other labeled image database (eg. Keggles Flower database) using Tensorflow and Keras.

Submit a report with the following together with a discussion

- 1, Architecture of the CNN model
2. Source code program
3. Training and testing graphs (use Tensor Board to get training and testing statistics and graphs of loss and accuracy)

Use hparam option in Tensor Board to justify your selection of hyper parameters

4. Some actual and predicted results with images.

Submit on or before 17th June 2021