

Intern Assignment

Goal: Build and train a Convolutional Neural Network (CNN) to classify handwritten digits from the MNIST dataset.

Questions:

- Q1.** Train a CNN model on the MNIST dataset and report the accuracy.
- Q2.** Experiment with different hyperparameters such as the number of filters, kernel size, or activation functions and observe the impact on the performance of the model.
- Q3.** Print the model summary for each of the combinations used in Q2.