

**ELC: Handwritten Digit Recognition**  
**Assignment**  
**Deadline: 30 December 2024**

You need to submit a python notebook file, containing the 5 different models (K-NN, SVM, Logistic Regression, Decision Tree, CNN) implemented on EMNIST dataset. The code discussed today having same 5 models on MNIST dataset has already been uploaded on the LMS, you can refer the file and implement the same on EMNIST dataset.

Also create the variation of the models by changing the hyper-parameters (e.g. changing the value of k in K-NN, changing value of c in SVM, changing dropout rate or no. of epochs in CNN, etc..).