

PROBLEM STATEMENT

To identify the letters of the sentence written by the user in their devices and to convert the handwritten text into digital format.

What does this problem focus on?	The generative models can perform segmentation driven recognition. The method involves a relatively small number of parameter and hence training is relatively faster.
When does this occur?	While recording information as a handwritten script (this case hand digits are only considered).
Why do we need this?	While automating the digitizing process of the hand scripting document, human centric digitization results in slower, error prone and thus inefficient. Thus an AI based application is mandate to make the process more accurate, less time consuming and effective.
How to do this?	Hand scripts need not necessarily being the same size, thickness, orientation and validated to margins. Unlike many other recognition schemes, it does not rely on some form of pre-normalization of input images, but can handle arbitrary scalings, translations and a limited degree of image rotation.
Where it is used?	The digit recognition system is used in postal mail sorting, bank check processing, form data entry.