

## PROBLEM STATEMENT

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

<b>What does this problem focus on?</b>	The generative models can perform recognition-driven segmentation. The method involves a relatively small number of parameters and hence training is relatively easy and fast.
<b>When does this occur?</b>	This matter occurs when written by hand digits are not necessarily always of typically the same size, thickness, or orientation and are validated to margins since they differ coming from the writing of personal to individual.
<b>Why do we need this in workplace?</b>	Automating these tasks removes the need for a human effort which is error-prone in performing this kind of tedious works and improves speed as well as efficiency.
<b>How to do this simulation?</b>	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.
<b>Where it is used in workplace?</b>	The digit recognition system is used in postal mail sorting, bank check processing, and form data entry.