A Novel Method for Handwritten Digit Recognition System

What do they THINK AND FEEL?

what really counts

major preoccupations

worries & aspirations

Each character is recognized using OCR techniques and errors are corrected using lexicons or spelling checkers

The handwritten to be recognised is digitized scanners or camers

The image of the document is segmented into lines, words and individual characters

The ability of a computer to recognize the human handwritten digits from different sources like images, papers, touch screens, etc, and classify them into 10 predefined classes

What do they HEAR?

what friends say

what boss say

what influencers say

Microsoft oneNote is also a part of Microsoft 365 suite, includes a conversion to so u can change handwritten text into typed text

Double tap or touch and to hold a word you want to select. Select more words by sweeping your finger over them

What do they SEE?

environment

friends

what the market offers

Market offers pen to print

environment says Gboard with google handwriting

Mazec is a key board app that converts handwriting o text in various apps

What do they SAY AND DO?

attitude in public

appearance

behavior towards others

Create the model

Train the model

Evaluate the model

PAIN

fears

frustrations

obstacles

Someone sitting next to us talking to his machine. More over, any one whowants to input confidential data to his or her computer is not willing to do it in public places

Most importantly it is not possible to speak to a machine in a natural way due to constraints.

Constraints such as background noise, cross talk, accented speech and so on.

GAIN

"wants" / needs

measures of success

obstacles

The system not only produces a classification of the digit,but also a rich description of the instantuation parametres which can yield information such as the writing style.

The generative models can perform recognition driven segmentation.

Over handwriting is the spped of data entry. This is because it is much easier to dectate the machine tend to write