



What do they THINK AND FEEL?

what really counts
major preoccupations
worries & aspirations

Is AI going to take over the jobs of humans?
The work time can be reduced
How accurate the output is going to be?

Is this reduce work pressure of employees?
Will that work for real life application?

A neural network model designed with various factors and determining other statistical learning model that can differ based on the dataset given has been created

Reduce manual labour which in turn makes cost effective

What do they HEAR?

what friends say
what boss say
what influencers say

The ability of a computer to receive and interpret intelligible handwritten input from sources such as paper documents, photographs, touch-screens and other devices.
The system not only produces a classification of the digit but also a rich description of the instantiation parameters which can yield information such as the writing style.
Handwriting Recognition utilizes image processing technologies to convert characters on scanned documents into digital forms. It typically performs well in machine-printed fonts

Making paper documents into digital forms is environmental friendly
Applications of handwriting recognition are reading postal pin code , bank check amounts, and exam paper mark validation
It can process millions of documents in enterprise in a small amount of time

What do they SEE?

environment
friends
what the market offers

Handwritten digits by fitting generative models that are built from deformable B-splines with Gaussian "ink generators" spaced along the length of the spline

Makes the company to adapt for the industry 4.0 standards

What do they SAY AND DO?

attitude in public
appearance
behavior towards others

Can be easily trained with different handwritings
The output will be more than 95% accurate
Can be customized easily for our needs

Evaluation of digits can be easily done with more accuracy
Faster and more reliable process

PAIN

fears
frustrations
obstacles

Not be able to recognize text that is printed in a font that is different from the default font for the language
A digit recognition error is when an OCR engine, in converting digit to digit, incorrectly recognizes a digit as another one
Huge variability and ambiguity of strokes from person to person
Cursive handwriting makes separation and recognition of digits are challenging
Collecting a good labelled dataset to learn is not cheap compared to synthetic data

GAIN

"wants" / needs
measures of success
obstacles

This process is much faster as compared to the manual typing of the information into the system
When data is stored electronically in secure servers and distributed systems, it remains safe even under emergency situations
systems are designed to assure high accuracy and reliability
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