

A Novel Method For Handwritten Digit Recognition System

USER

Predict independent of writing style

Analyzing the image of the digit

Predict digits irrespective of size and shape

No need to manually content the digit

How cost efficient it is?

How much time is saved?

Greatly reduces time to process handwritten documents

Automated Data Entry

Data classification

Day-to-Day application of the system

Storing images of important numbers

User interface of the system

Manually type digit into systems

Software may predict digits wrongly

Accurate recognition

Speed detection

Reduce human effort

Increase flexibility

Saves human effort

Concerned to use it in real time application

Easy to use user interface

Accurate recognition

Concern about data safety

Predict Handwritten Digits

How it recognizes digits?

Smart working tool

Digitalizing handwritten digits

PAINS

Requires physical storage

Human error

Dissatisfaction

Requires human effort manually scan and upload the number images

irregular input data

Time taken to give the desird ouput

Unlabeled data fed to the model

Concern of privacy of uploaded images

GAINS

Easy processing of digital files

Error free banking operation

Reduce data storage

Reward and recognition

Reduce manual work

Easy of converting written data

Automated tool for digit recognition

Useful for real time application like number plate recognition