

PROBLEM STATEMENT

Developers are putting all their strength to make machines more intelligent, and smarter than humans. One such method that helps engineers improve machines is Deep Learning. In modern world the Handwritten pattern recognition has made a great impact towards the field of pattern recognition systems and sorting data. The process of giving machines the ability to recognise human handwritten digits is known as handwritten digit recognition. Handwritten digits are imperfect, differ from person to person, and can be constructed with a variety of tastes, making it difficult for the machine to complete the task. The main problem is the ability to create an efficient algorithm that can detect handwritten numbers sent by users in the form of scanners, tabs, and other digital devices. To increase efficiency and accuracy in identifying and recognising patterns, numbers, and characters is the basic objective of all these character or digit recognition systems.