

Project Design Phase-I

Solution Architecture

Date	29 October 2022
Team ID	PNT2022TMID06779
Project Name	A Novel Method For Handwritten Digit Recognition System
Maximum Marks	4 Marks

Solution Architecture:

A Novel Method for Handwritten digit recognition system is to recognize the handwritten digits from a wide variety of sources like emails, papers, images, letters etc. It is a hard task for the machine because handwritten digits are not perfect and can be made with many different shapes and sizes. Digit recognition plays an important role in the modern world. It basically detects the scanned images of handwritten digits. To develop a handwritten digit recognizing system that enables users to automate the process of digit recognition using this deep learning model.

Example - Solution Architecture Diagram:

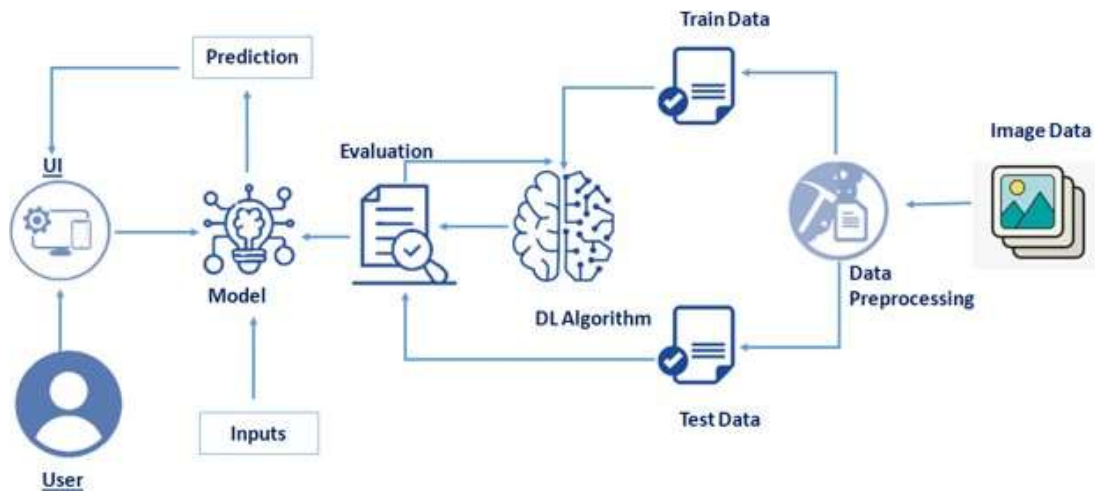


Figure 1: Architecture and data flow of the Handwritten Digit Recognition application

Reference: <https://www.researchgate.net/publication/354755659> A Novel Handwritten Digit Classification System Based on Convolutional Neural Network Approach