

Project Design Phase-I Solution Architecture

Date	18 October 2022
Team ID	PNT2022TMID12314
Project Name	A Novel Method for Handwritten Digit Recognition System
Maximum Marks	4 Marks

Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

- Find the best tech solution to solve existing business problems.
- Describe the structure, characteristics, behavior, and other aspects of the software to project stakeholders.
- Define features, development phases, and solution requirements.
- Provide specifications according to which the solution is defined, managed, and delivered.

Solution Architecture Diagram:

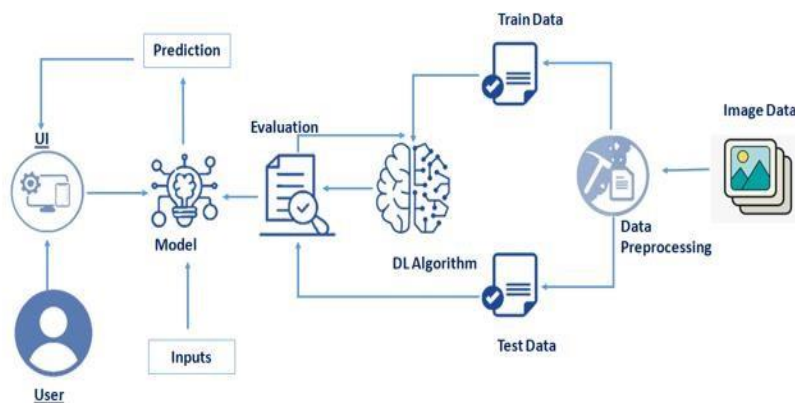


Figure 1: Architecture of the Handwritten digit recognition system.

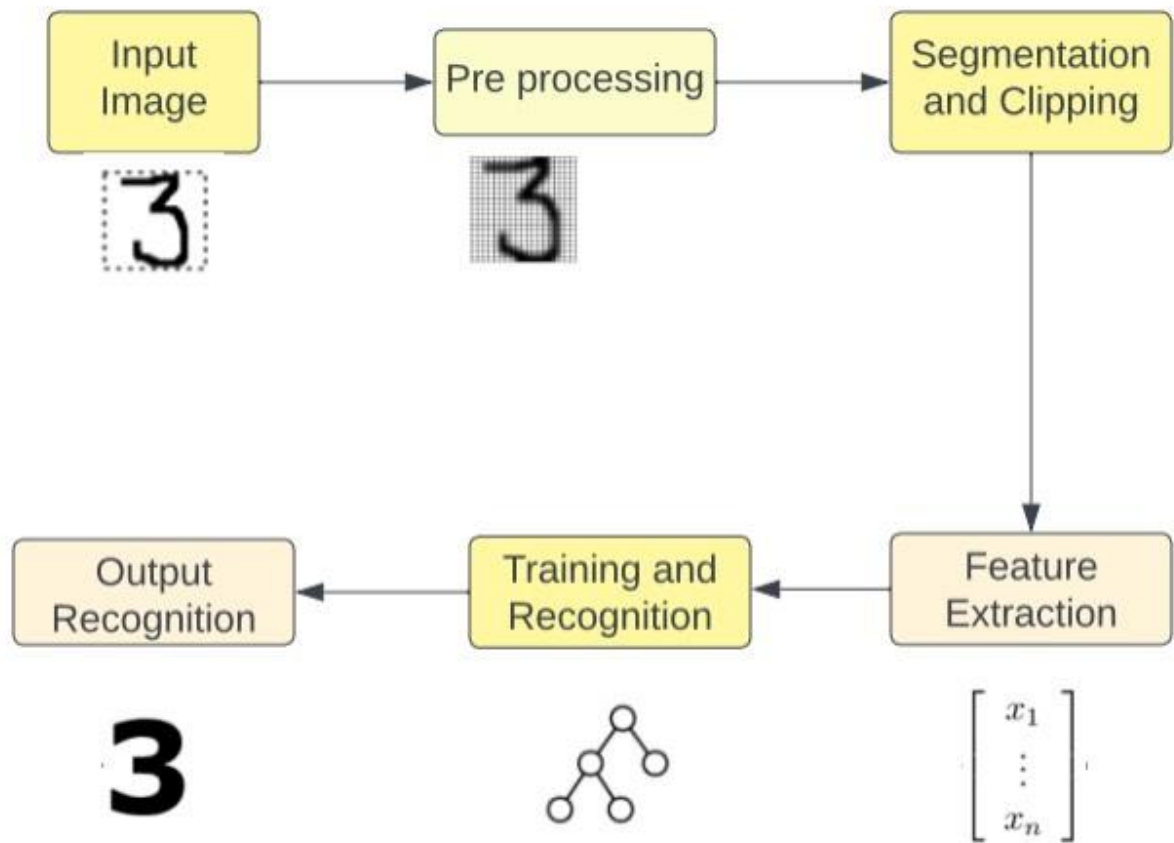


Figure 2: Model Architecture of the Deep Learning model used for Handwritten digit recognition.