# Project Design Phase-I
# Solution Architecture

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|---|---|
| Date | 29 September 2022 |
| Team ID | PNT2022TMID22755 |
| Project Name | Deep Learning Fundus Image Analysis for Early Detection of Diabetic Retinopathy |
| 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.

## Example - Solution Architecture Diagram:

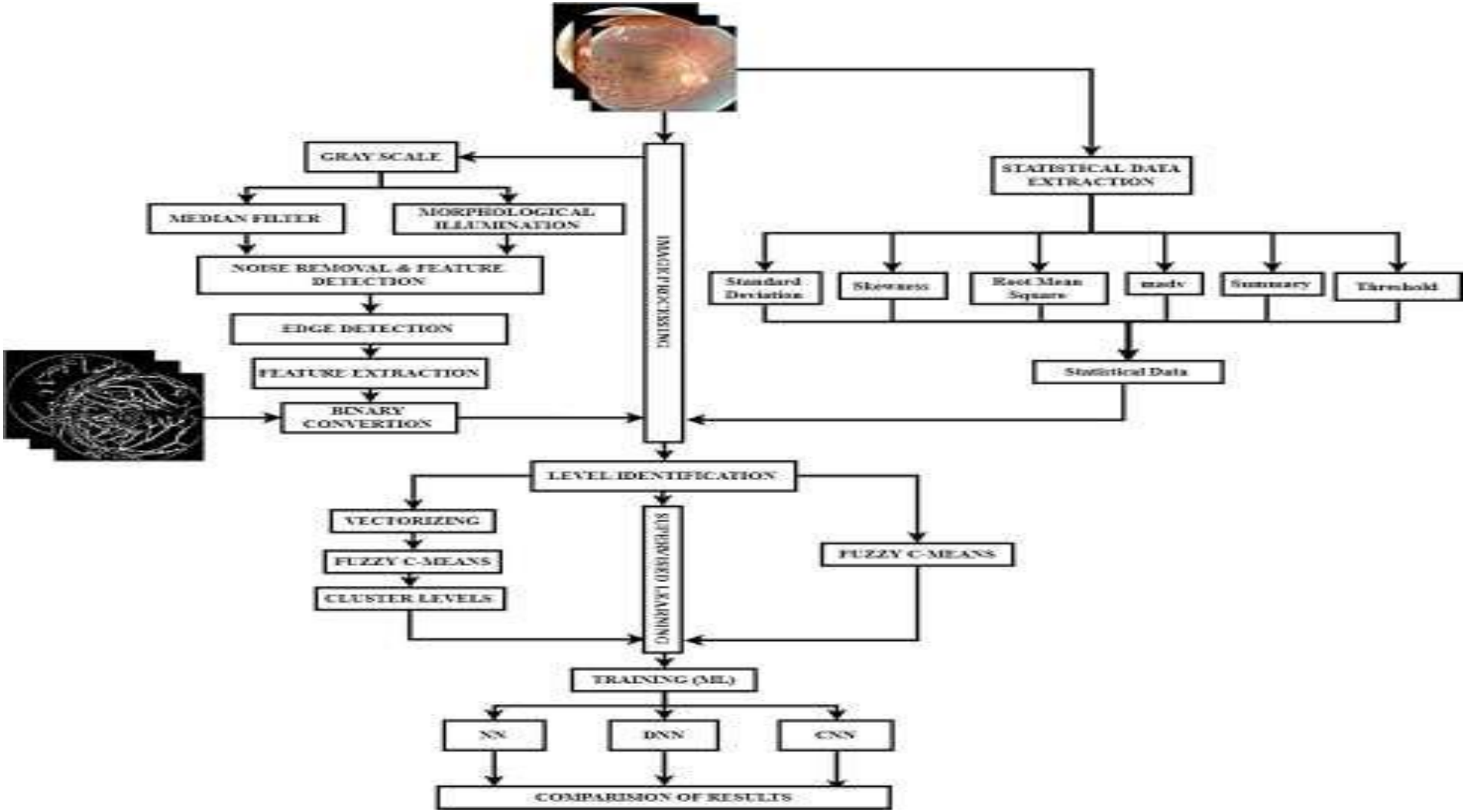


**Figure 1:** Model Architecture of Diabetic Analysis

**Reference:** https://www.researchgate.net/figure/Model-Architecture-of-Diabetic-Retinopathy-Analysis_fig6_322978904

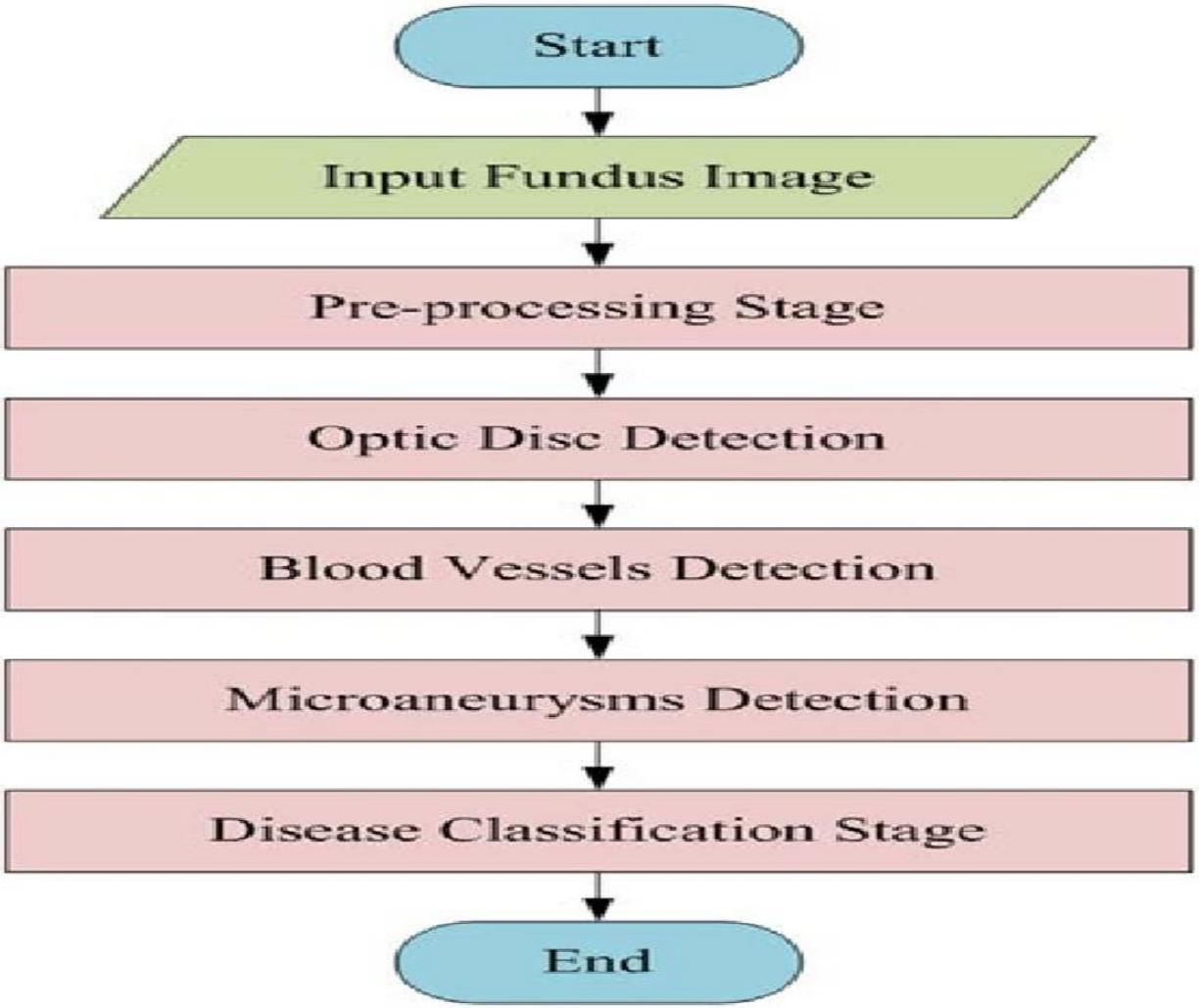


**Figure 2:** Detection of Diabetic Retinopathy

**Reference:** https://www.researchgate.net/figure/General-Flowchart-of-Detection-of-Diabetic-Retinopathy-Using-Image-Processing-Techniques_fig1_339077824