

## Project Design Phase-I Solution Architecture

Date	19 September 2022
Team ID	PNT2022TMID00162
Project Name	Project – Estimate the Crop Yield using Data Analytics
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, behaviour, 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:

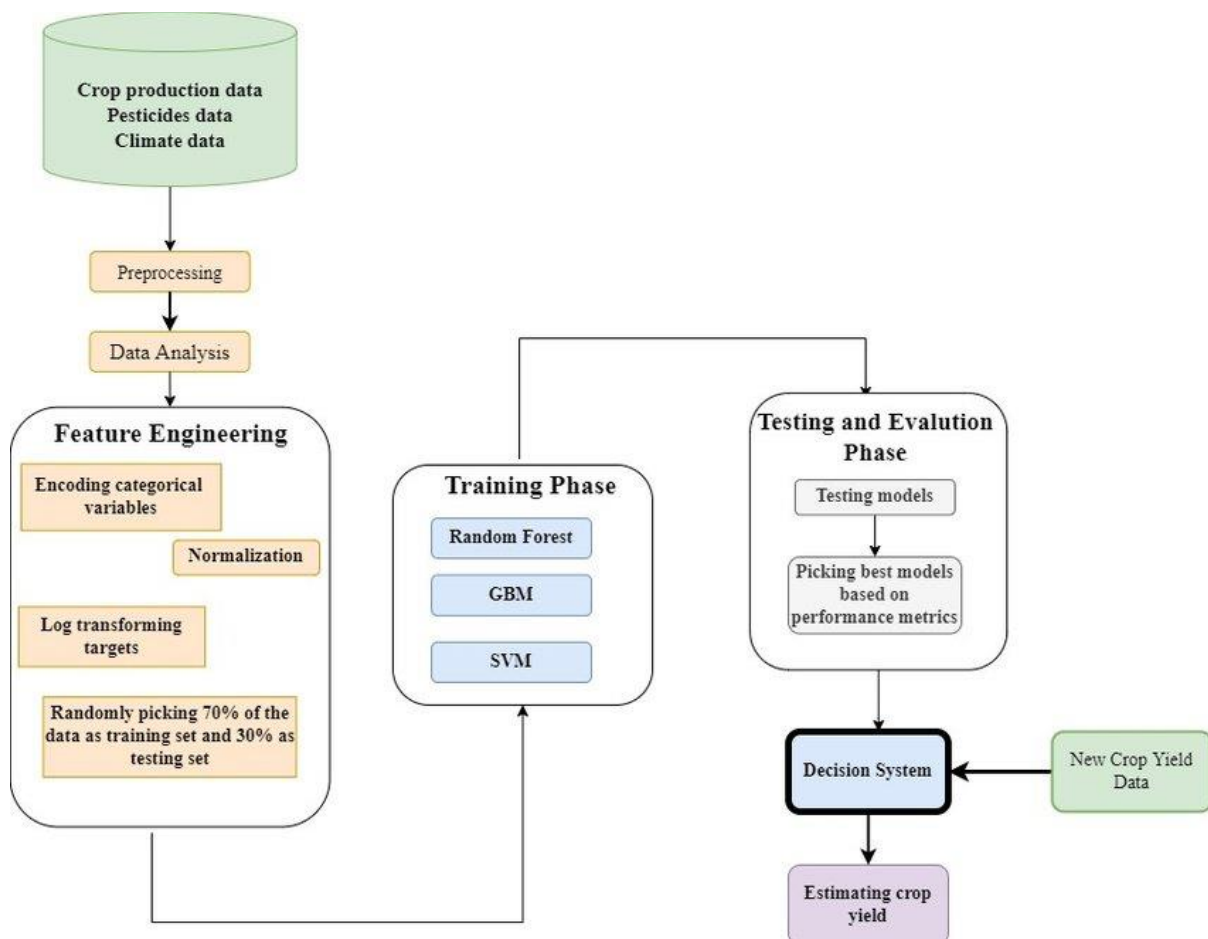


Figure 1: Architecture and data flow of the crop yield estimation using data analytics

Reference: [https://www.researchgate.net/figure/Overall-architecture-of-our-crop-yield-prediction-system\\_fig3\\_359604265](https://www.researchgate.net/figure/Overall-architecture-of-our-crop-yield-prediction-system_fig3_359604265)