

## **Project Design Phase-I**

### **Solution Architecture**

|               |   |
|---------------|---|
| Date          | 23 October 2022   |
| Team ID       | PNT2022TMID27028  |
| Project Name  | Project - Traffic and capacity analysis for major ports |
| 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:

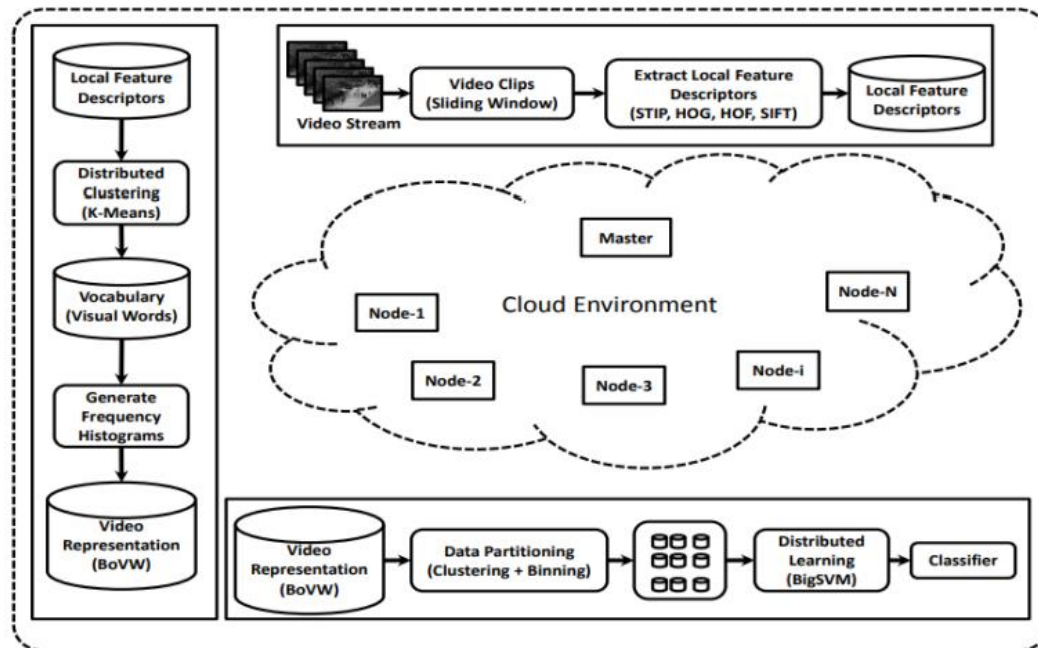


Figure 1: Architecture and data flow of the voice patient diary sample application

Reference: [https://people.iith.ac.in/ckm/assets/pdfs/conf\\_6.pdf](https://people.iith.ac.in/ckm/assets/pdfs/conf_6.pdf)