## Project Design Phase-I
## Solution Architecture

| Date | 9 November 2022 |
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| Team ID | **PNT2022TMID19351** |
| Project Name | Natural Disasters Intensity Analysis and Classification using Artificial Intelligence |
| 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:

Climate change is increasing the intensity and magnitude of disasters, leading to a higher number of deaths, injuries and increased economic losses.

Nature-based solutions, such as conserving forests, wetlands and coral reefs, can help communities prepare for, cope with, and recover from disasters, including slow-onset events such as drought.Climate change is increasing the frequency, intensity and magnitude of disasters, leading to a higher number of deaths and injuries, as well as increased property and economic losses.

In the past 20 years, 80% of major disasters have been caused by weather such storms, floods and droughts
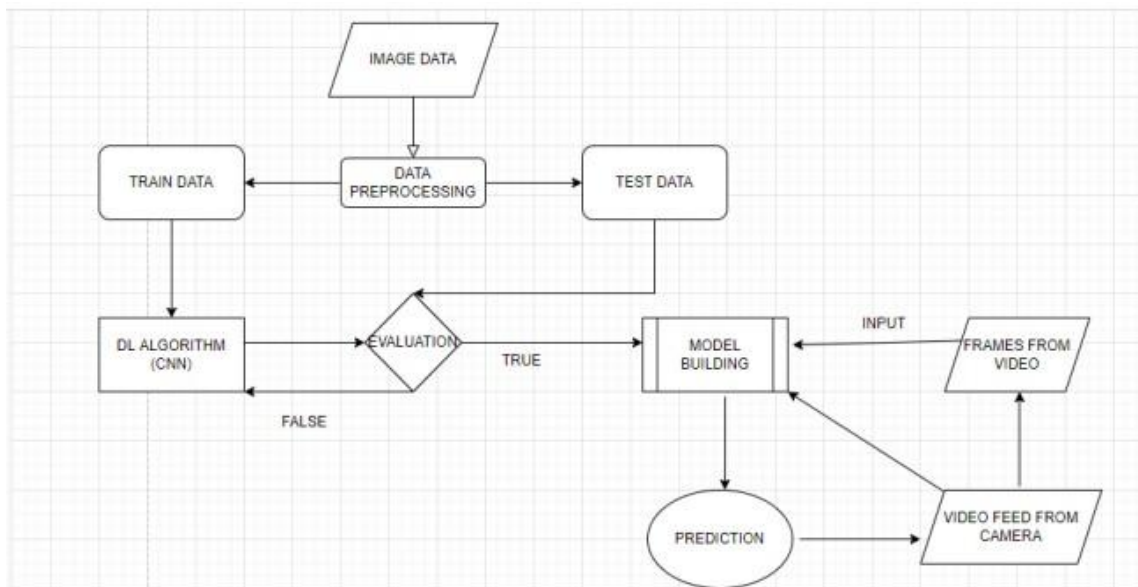
## Example - Solution Architecture Diagram:



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

**Reference:** **https://aws.amazon.com/blogs/industries/voice-applications-in-clinical-researchpowered-by-ai-on-aws-part-1-architecture-and-design-considerations/**

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