

Project Design Phase-I Solution Architecture

Date	19 September 2022
Team ID	PNT2022TMID43198
Project Name	Machine Learning based Vehicle Performance Analyzer
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:

- Due to the significant research and technology development in wireless communication, the traditional ITS has to care about the vehicular communication field.
- Predicting the performance level of cars is an important and interesting problem
- The performance analysis of the car is based on the engine type, no of engine cylinders, fuel type, and horsepower, etc.
- This approach is a very important step towards understanding the vehicle's performance.

Example - Solution Architecture Diagram:

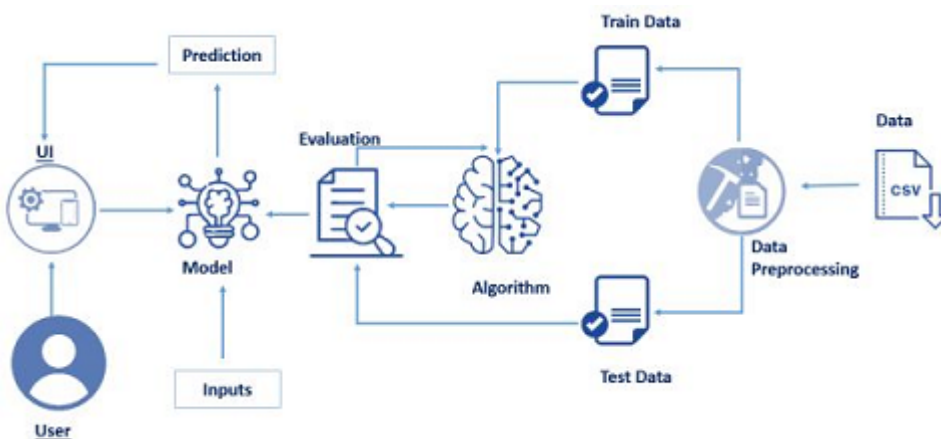


Figure 1: Architecture and data flow of the voice patient diary sample application

Reference:

<https://aws.amazon.com/blogs/industries/voice-applications-in-clinical-research-powered-by-ai-on-aws-part-1-architecture-and-design-considerations/>

