

Project Design Phase-I Solution Architecture

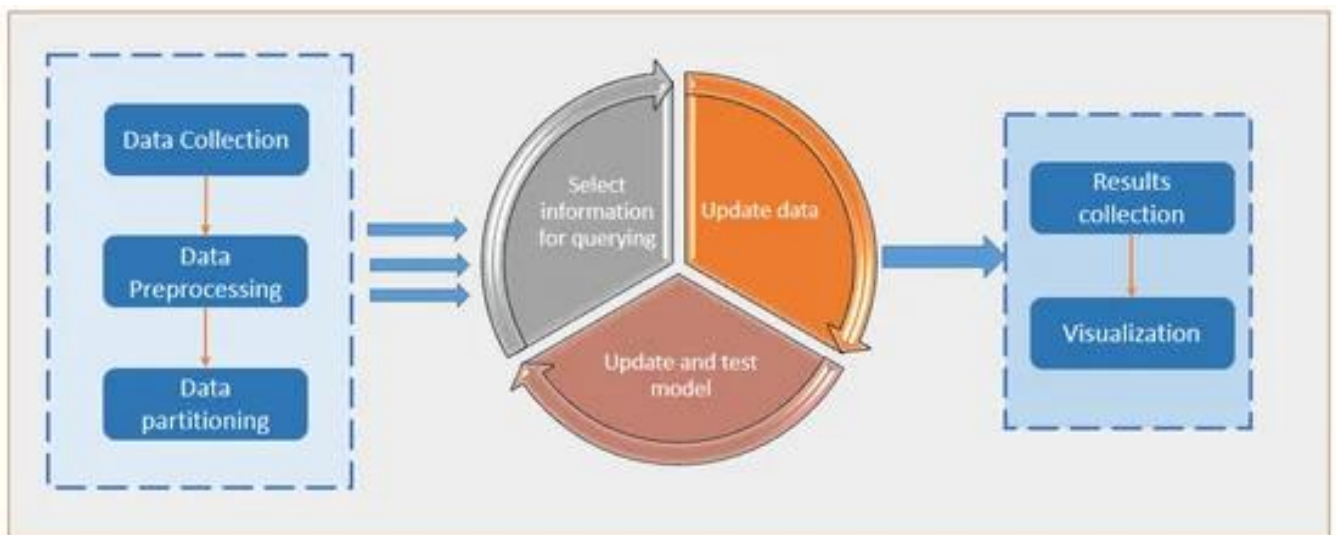
Date	19 September 2022
Team ID	PNT2022TMID02520
Project Name	Project – visualizing and predicting heart disease with an interactive dashboard
Maximum Marks	4 Marks

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.

Solution Architecture Diagram:



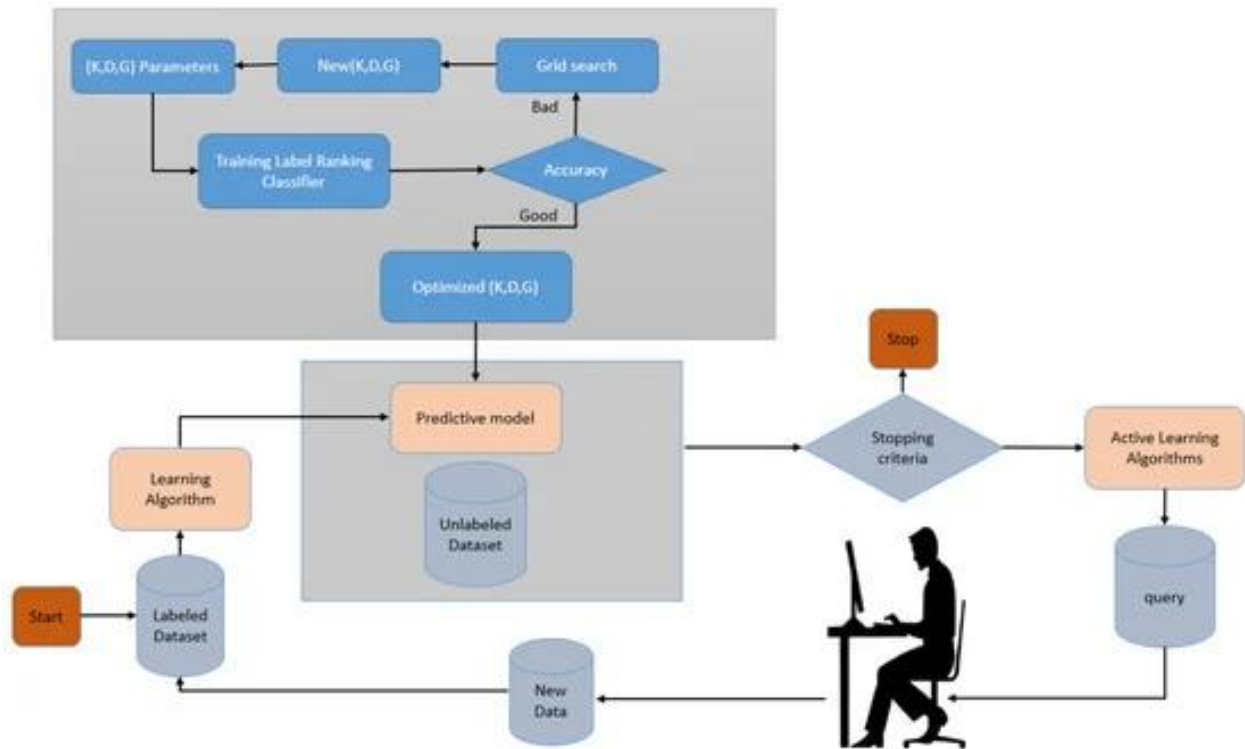


Figure 1: Architecture visualizing and predicting heart disease

Reference:

Uma.K, M.Hanumathappa, "Heart Disease Prediction Using Classification Techniques with Feature Selection Method", Adarsh Journal of Information Technology, Volume-5, Issue-2, pp.22-29, 2016

V. Manikantan & S.Latha,"Predicting the Analysis of Heart Disease Symptoms Using Medicinal Data Mining Methods", International Journal on Advanced Computer Theory and Engineering, Volume-2, Issue-2, pp.5-10, 2013