**Project Design Phase-I**

**Solution Architecture**

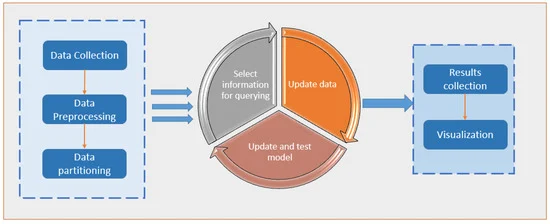
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| --- | --- |
| Date | 30 September 2022 |
| Team ID | PNT2022TMID02476 |
| Project Name | Project – visualizing and predicting heart disease with an interactive dashboard |
| Maximum Marks | 4 Marks |

**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, 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.

**Solution Architecture Diagram:**

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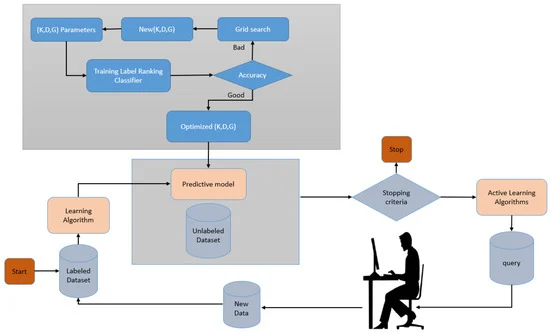
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Figure 1: Architecture visualizing and predicting heart disease

**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

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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

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