Project title: HeartDiseaseAnalysis using tableau
Team ID: LTVIP2026TMIDS89151

Project Design Phase-I - Solution Fit Template

Problem–Solution Fit refers to clearly identifying a genuine user problem and ensuring that the proposed solution effectively resolves it. In this project, patients, healthcare professionals, and decision-makers face difficulty understanding heart disease risk factors because the available health data is complex, scattered, and not visually organized.

The proposed solution—interactive Tableau dashboards and story-driven visualizations— addresses this issue by converting raw data into clear, structured, and actionable insights. This approach helps solve complex problems in a way that aligns with users' needs, expectations, and decision-making processes.

Purpose

- To address the lack of clear understanding of heart disease risk factors by presenting health data in a simple, structured, and user-friendly format.
- To enable faster and more informed healthcare decisions through interactive and dynamic visual analytics.
- To encourage the adoption of data-driven healthcare insights by leveraging widely used visualization tools such as Tableau.
- To enhance communication of health risks and trends through storytelling dashboards that improve awareness and build trust.
- To identify the challenges users face in interpreting heart disease data and enhance their experience through improved visualization and analytical approaches.

Problem–Solution Fit Canvas — Heart Disease Analysis