

Requirement Analysis

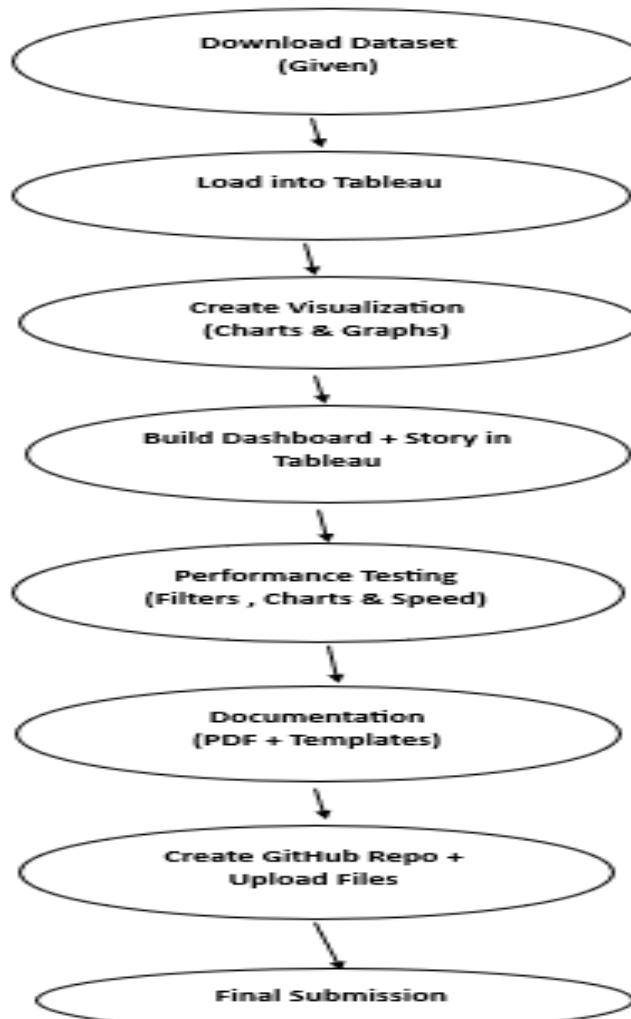
Data Flow Diagram

Date	18-02-2026
Team ID	LTVIP2026TMIDS88080
Project title	Heart Disease Analysis: Identifying Risk Factors Using Tableau.
Maximum Marks	4 M

Data Flow Diagrams:

In this project, the heart disease dataset (CSV file) is loaded into Tableau for analysis. Tableau processes the medical data to create multiple visualizations that highlight relationships between factors such as gender, smoking, alcohol consumption, diabetes, stroke history, and heart disease occurrence. These visualizations are organized into an interactive dashboard and story. The final output is published through Tableau Public, allowing users to explore insights about heart disease risk factors through an easy-to-use interface.

Flow Diagram:



DFD level 0:

This Level 0 DFD represents the overall flow of data in the project. The process begins with importing the heart disease dataset (CSV file) into Tableau, where the data is processed and transformed into meaningful visual insights. These insights are displayed through a dashboard and story, which are shared with end users such as healthcare professionals, medical researchers, and health analysts.

The objective of this data flow is to help users understand key risk factors, identify high-risk groups, and support early detection and preventive healthcare decisions using data-driven analysis.

