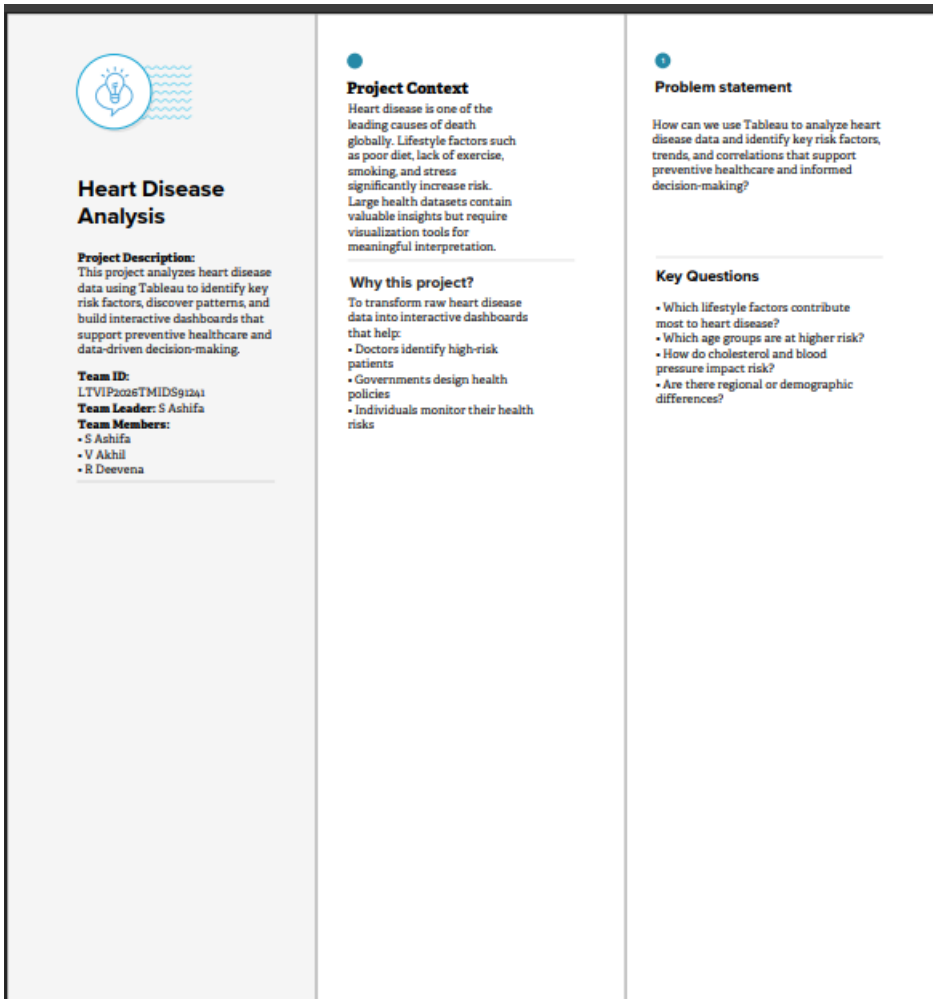
Ideation Phase
Brainstorm & idea prioritization

Date	31 January 2025
Team ID	LTVIP2026TMIDS91241
Project Name	HeartDisease Analysis
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization

Many people are unaware of their risk of heart disease until serious symptoms appear, and there is a lack of simple tools that help users understand their heart health using data. Lifestyle factors such as BMI, sleep patterns, alcohol consumption, and smoking habits are often ignored or not properly monitored. Medical reports are usually difficult for common people to interpret without clear visual explanations. Because of this, people fail to take early preventive actions. Using data analytics and visualization for early prediction can help individuals understand risks and prevent life-threatening heart conditions.

Step1 : Team Gathering,project context and problem statement



Step 2:Brainstorm,Idea Listing,Grouping and Group Ideas

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Brainstorm

In this stage, we generated ideas to analyze heart disease data using Tableau. Each team member contributed key factors related to demographic, clinical, and lifestyle risks that may influence heart disease.

Ashifa	Akhil	Deevena
Cholesterol level analysis	Sleep time trends	Gender-based risk comparison
High-risk group identification	Race Heart Disease comparison	Smoking impact analysis
Age correlation	BMI vs heart disease	Physical inactivity impact

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Group ideas

In this stage, we organized our brainstormed ideas into meaningful categories such as demographic factors, clinical indicators, and lifestyle risk factors to better structure our analysis.

Demographic Factors

- Age and heart disease correlation
- Gender-based risk comparison
- Urban vs rural comparison

Clinical Indicators

- Cholesterol level analysis
- BMI vs heart disease
- Blood pressure trends

Lifestyle Risk Factors

- Smoking impact analysis
- Physical inactivity impact
- High-risk group identification

Step 3:Idea Prioritization