

## Ideation Phase


### Brainstorm & Idea Prioritization Template

Date	15 February 2026
Team ID	LTVIP2026TMIDS74725
Project Name	Heart Disease Analysis
Maximum Marks	4 Marks

#### Brainstorm & Idea Prioritization :

##### Problem Statement Chosen :

*Healthcare professionals and policymakers struggle to analyze heart disease risk factors effectively due to the absence of interactive and visual analytics tools that can handle complex medical and lifestyle data:*

 Idea Group / Category	Description
Demographic Analysis	Bar chart: Gender vs Heart Disease
Age-Based Trends	Line / Bar chart: Age vs Heart Disease
Lifestyle Impact	Smoking & Alcohol vs Heart Disease
Medical Condition Correlation	Diabetic vs Stroke
Comparative Health Analysis	Other Heart Disease vs Stroke
Population Study	Race-wise Heart Disease
Health Perception	General Health vs Heart Disease
Fitness Impact	Physical Activity vs Heart Disease
Multivariable Analysis	Age vs BMI vs Diabetic
Critical Risk Identification	People with Stroke suffering from Heart Disease & Diabetes
Interactivity	Global filters (Age, Gender, Lifestyle factors)
Presentation	Responsive Tableau Dashboard for Desktop, Tablet & Mobile

## Idea Prioritization :

Based on **impact** and **feasibility**, we prioritized the top ideas for implementation:

Priority	Idea	Justification
High	Gender vs Heart Disease	Core demographic insight
High	Age vs Heart Disease	Identifies high-risk age groups
High	Smoking & Alcohol Impact	Major lifestyle risk factor
High	Diabetic vs Stroke	Critical medical correlation
High	Physical Activity vs Heart Disease	Preventive health insight
Medium	Race-wise Heart Disease	Population-based comparison
Medium	Age vs BMI vs Diabetic	Advanced analysis
Low	Complex multi-condition charts	Less suitable for small screens