

## Ideation Phase

### Brainstorm & Idea Prioritization Template

Date	31 January 2026
Team ID	LTVIP2026TMIDS24885
Project Name	Heart Disease Analysis
Maximum Marks	4 Marks

#### Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

#### Step-1: Team Gathering, Collaboration and Select the Problem Statement

Heart disease remains one of the leading causes of mortality worldwide, with its impact continuing to grow due to lifestyle changes, unhealthy dietary habits, and insufficient physical activity. Despite significant advances in medical science, prevention and early detection remain crucial in reducing severe health outcomes. The increasing availability of large-scale healthcare data—covering patient demographics, medical history, lifestyle factors, and clinical indicators—presents an opportunity to better understand the causes and progression of heart disease. However, extracting meaningful insights from such complex datasets requires advanced analytical and visualization tools. In this project, we collaboratively aim to analyze heart disease data using Tableau, a powerful data visualization and business intelligence platform. The objective is to transform raw healthcare data into interactive and insightful dashboards that highlight key risk factors and reveal important correlations. These insights can support data-driven decision-making for healthcare professionals, policymakers, and individuals. By leveraging Tableau's interactive capabilities, the project seeks to uncover hidden trends, compare patient groups, and present compelling data-driven stories that contribute to early detection, preventive care, and increased awareness of heart disease.

The screenshot shows a web-based application for brainstorming. On the left, there is a vertical teal sidebar with the word "BRAINSTORMING" written vertically. The main content area has a white background. At the top left, there is a circular icon with a lightbulb inside, followed by the text "Brainstorm & idea prioritization" and the "IREVOLUTION" logo. On the top right, there is a small circular profile picture and the text "LTVIP2026TMIDS24885". Below this, there is a green callout box containing the question: "How might we analyze heart disease patient data to identify key risk factors, patterns, and trends that help healthcare professionals make better decisions and improve early diagnosis and prevention?". At the bottom, there is a section titled "Key rules of brainstorming" with the subtext "To run a smooth and productive session." It lists six rules with icons: "Stay in topic." (checkmark), "Encourage wild ideas." (lightbulb), "Defer judgment." (cross), "Listen to others." (ear), "Go for volume." (document), "If possible, be visual." (eye). A "Review template inspiration" link is also visible at the bottom.

## Step-2: Brainstorm, Idea Listing and Grouping

In this step, the team brainstorms ideas related to heart disease analysis. Different factors such as patient demographics, lifestyle habits, and clinical indicators are discussed to understand their impact on heart disease. All ideas are listed without judgment to encourage creativity and collaboration. After brainstorming, the ideas are grouped into meaningful categories such as demographic factors, lifestyle factors, clinical indicators, and visualization ideas. This grouping helps in organizing the analysis and selecting the most important factors for effective visualization using Tableau.

### Brainstorm

Write down any ideas that come to mind that address your problem statement.

⌚ 10 minutes

Gender wise  
Heart Disease

People suffering  
from Diabetic  
and Stroke

Impact of Smoking and  
alcohol drinking on heart  
disease

Race wise Heart  
disease

Age and BMI vs Heart disease

People got stroke suffering from Diabetes  
and Heart disease

Gender wise  
Heart Disease

Race wise  
Heart disease

Other Diseases vs  
Stroke

General Health vs Heart  
Disease

### Group ideas – Heart Disease Analysis

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a suitable title label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller subgroups.

⌚ 20 minutes

#### Demographic Factors

Gender wise  
Heart Disease

#### Clinical Factors

People suffering from  
Diabetic and Stroke

#### Clinical Factors

People suffering  
from Diabetic and  
Stroke

#### Lifestyle Factors

Impact of smoking and  
alcohol drinking on heart  
disease

Other Diseases vs  
Stroke

People got stroke suffering  
from Diabetes and Heart  
disease

#### Risk & Disease Interaction

General Health vs  
Heart Disease

#### Risk & Disease Interaction

Age and BMI vs  
Heart disease

General Health vs  
Heart Disease

### **Step-3: Idea Prioritization**

## Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

⌚ 20 minutes

