Empathy Map

TOPIC

Visualization and Predicting Heart Diseases with an Interactive Dashboard

WHO?

Healthcare professionals, researchers, and individuals concerned about cardiovascular health.

WHAT?

There is a pressing need for an advanced data visualization and prediction tool for heart diseases. Current methods lack user-friendly interfaces and fail to provide comprehensive insights into heart health data. This poses challenges in early detection, prevention, and intervention.

WHERE?

The problem is global, as heart diseases are a leading cause of death worldwide. However, the solution can be applied in healthcare institutions, clinics, and even by individuals monitoring their heart health at home.

WHY?

Heart diseases are a major public health concern, causing a significant number of deaths and health-related costs. Effective visualization and prediction can aid in early identification of risk factors, personalized treatment, and lifestyle modifications, ultimately saving lives and reducing healthcare expenses.

WHEN?

The problem has been persistent for years, but recent advancements in data analytics and machine learning provide an opportunity to address it effectively. The solution should be developed and implemented as soon as possible to mitigate the impact of heart diseases.