SOLUTION REQUIREMENTS

Date	19 November 2022
Team ID	PNT2022TMID23206
Project Name	Visualizing and Predicting Heart Diseases with an Interactive DashBoard

Visualizing and Predicting Heart Diseases with an Interactive DashBoard

Data Analysis:

Data analysis is the process of cleaning, changing, and processing raw data, and extracting actionable, relevant information that helps businesses make informed decisions. The procedure helps reduce the risks inherent in decision-making by providing useful insights and statistics, often presented in charts, images, tables, and graphs.

Analyze data:

- Identify the key metrics you need, such as BP rate and average Maximum Heart rate
- Use a tool to track this data.
- Record this data in visual dashboards
- Review the data regularly against historical averages to monitor growth and problem areas.

Collect data:

A spreadsheet can help you collate your data, but a platform with features is the best option

With the sheer amount of information on leads, ST slopes and Vessel fluros to keep track of, you'll need a streamlined piece of software with clear access to your data.

Prepare data:

Data preparation is the process of preparing raw data so that it is suitable for further processing and analysis. Key steps include collecting, cleaning, and

labeling raw data into a form suitable for machine learning (ML) algorithms and then exploring and visualizing the data.

Create Dashboard:

A dashboard for data analytics is **a tool used to multi-task, organize, visualize, analyze, and track data**. The overall purpose of a data analytics dashboard is to make it easier for data analysts, decision makers, and average users to understand their data and make better data-driven decisions.

Skill Recruitment:

IBM Account

IBM Cognos

Python