

Project Development Phase

Date	02 November 2022
Team ID	PNT2022TMID51181
Project Name	Project – Visualizing and Predicting Heart Diseases with an Interactive Dashboard

Sprint-2

Profile- To Know the User about Him/Her Information and provide to Generate the Report for his Analysis

The image displays two screenshots of the IBM-Heart Dashboard, specifically the Profile page. The top screenshot shows the profile header with a heart rate graphic and a 'Name' field. The bottom screenshot shows the 'Profile Information' section with fields for Full Name, Mobile, Email, Location, Gender, Age, Blood Group, and Social media links, along with a 'GENERATE AS REPORT' button.

IBM-Heart Dashboard

- Dashboard
- Notifications
- ACCOUNT PAGES
 - Profile
 - Sign In

Profile

Name

Profile Information

"Do your part by caring for the heart." "Be smart and protect your heart." "Cover those kilometers because the heart matters." "Start from the healthy heart."

Full Name:

Mobile: (+91)

Email:

Location:

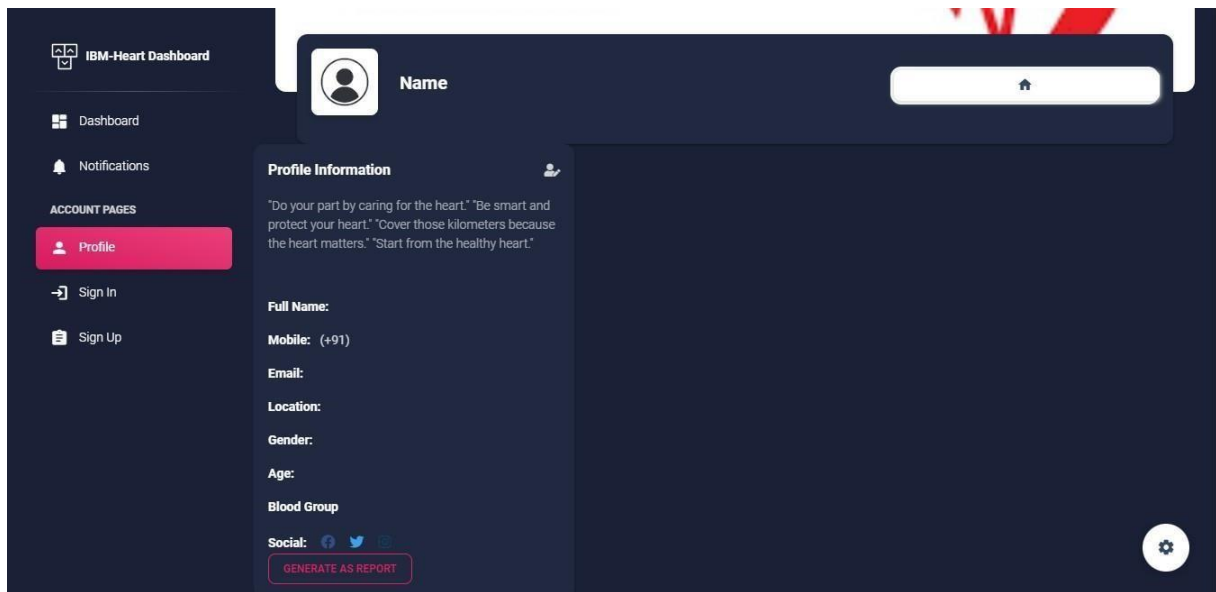
Gender:

Age:

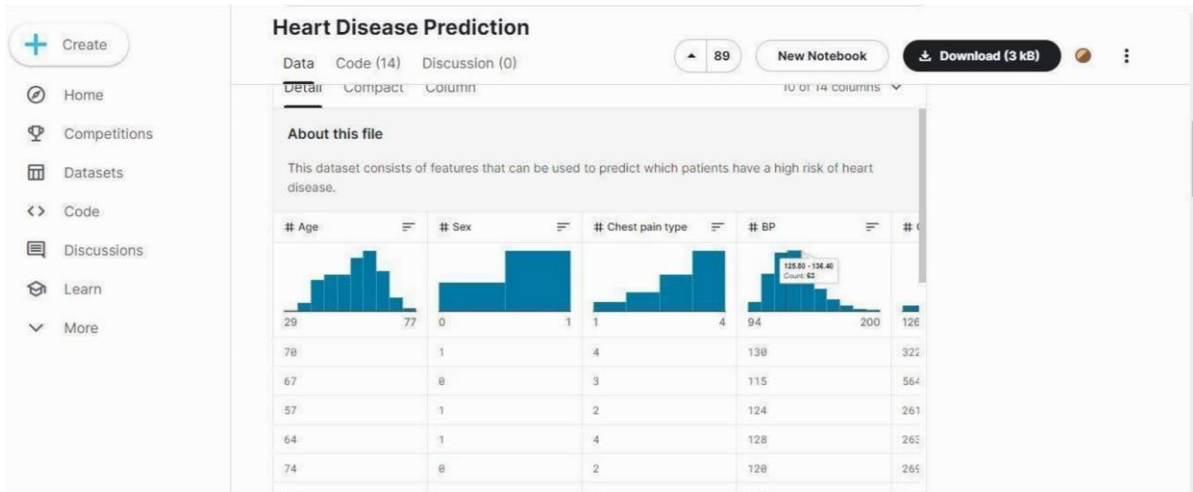
Blood Group

Social: [Facebook](#) [Twitter](#) [Instagram](#)

GENERATE AS REPORT



Dataset collection - The data required for analysis and prediction must be collected from various sources,Collecting Dataset from Different Site.



Attribute Information:

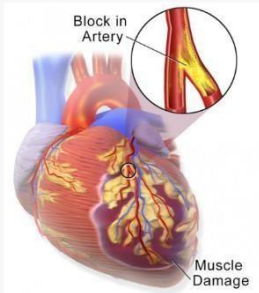
Only 14 attributes used:

1. #3 (age)
2. #4 (sex)
3. #9 (cp)
4. #10 (trestbps)
5. #12 (chol)
6. #16 (fbs)
7. #19 (restecg)
8. #32 (thalach)
9. #38 (exang)
10. #40 (oldpeak)
11. #41 (slope)
12. #44 (ca)
13. #51 (thal)
14. #58 (num) (the predicted attribute)

Complete attribute documentation:

- 1 id: patient identification number
- 2 ccf: social security number (I replaced this with a dummy value of 0)
- 3 age: age in years
- 4 sex: sex (1 = male; 0 = female)
- 5 painloc: chest pain location (1 = substernal; 0 = otherwise)
- 6 painexer (1 = provoked by exertion; 0 = otherwise)
- 7 relrest (1 = relieved after rest; 0 = otherwise)
- 8 pncaden (sum of 5, 6, and 7)
- 9 cp: chest pain type
 - Value 1: typical angina
 - Value 2: atypical angina
 - Value 3: non-anginal pain
 - Value 4: asymptomatic
- 10 trestbps: resting blood pressure (in mm Hg on admission to the hospital)
- 11 htn
- 12 chol: serum cholestorol in mg/dl
- 13 smoke: I believe this is 1 = yes; 0 = no (is or is not a smoker)
- 14 cigs (cigarettes per day)
- 15 years (number of years as a smoker)
- 16 fbs: (fasting blood sugar > 120 mg/dl) (1 = true; 0 = false)
- 17 dm (1 = history of diabetes; 0 = no such history)
- 18 famhist: family history of coronary artery disease (1 = yes; 0 = no)

HEART DISEASE DATASET (COMPREHENSIVE)



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Links: A database for using machine learning and data mining techniques for coronary artery disease diagnosis

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Categories: Machine Learning
Health
Biomedical and Health Sciences

Keywords: Heart Disease, Coronary artery disease, Cardiovascular disease, heart disease dataset

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