

Project Development Phase

Date	04 November 2022
Team ID	PNT2022TMID30513
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's Profile page. The top screenshot shows the profile header with a heart rate graphic and a 'Full Name' input field. The bottom screenshot shows the 'Profile Information' section with fields for 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:

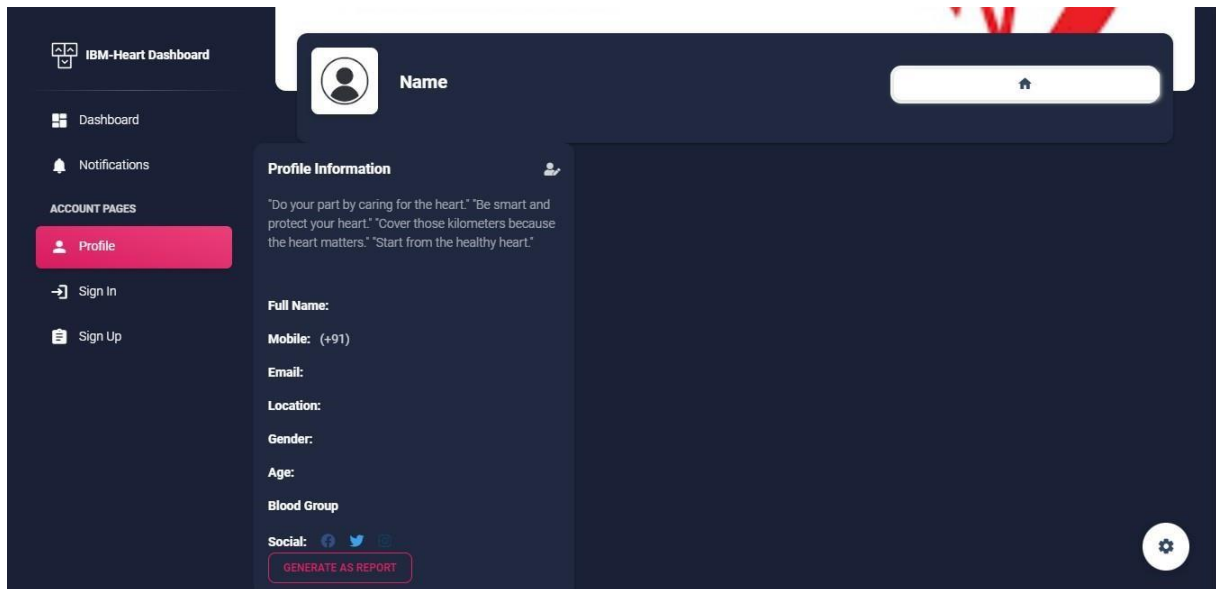
Gender:

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.

Create

Home

Competitions

Datasets

Code

Discussions

Learn

More

Heart Disease Prediction

DataCode (14)Discussion (0)

89

New Notebook

Download (3 kB)

DetailCompactColumn

10 of 14 columns

About this file

This dataset consists of features that can be used to predict which patients have a high risk of heart disease.

Age

Sex

Chest pain type

BP

C

29

77

0

1

1

4

94

200

126

70

1

4

130

322

67

0

3

115

564

57

1

2

124

261

64

1

4

128

265

74

0

2

120

265

Attribute Information:

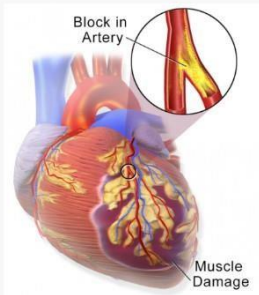
Only 14 attributes used:

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 ttn: trestbps
- 12 chol: serum cholestoral 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)



★★★★★ 4 ratings - Please [login](#) to submit your rating.

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Links: A database for using machine learning and data mining techniques for coronary artery disease diagnosis
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22408 Views

Categories: Machine Learning
Health
Biomedical and Health Sciences
Keywords: Heart Disease, Coronary artery disease, Cardiovascular disease, heart disease dataset

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