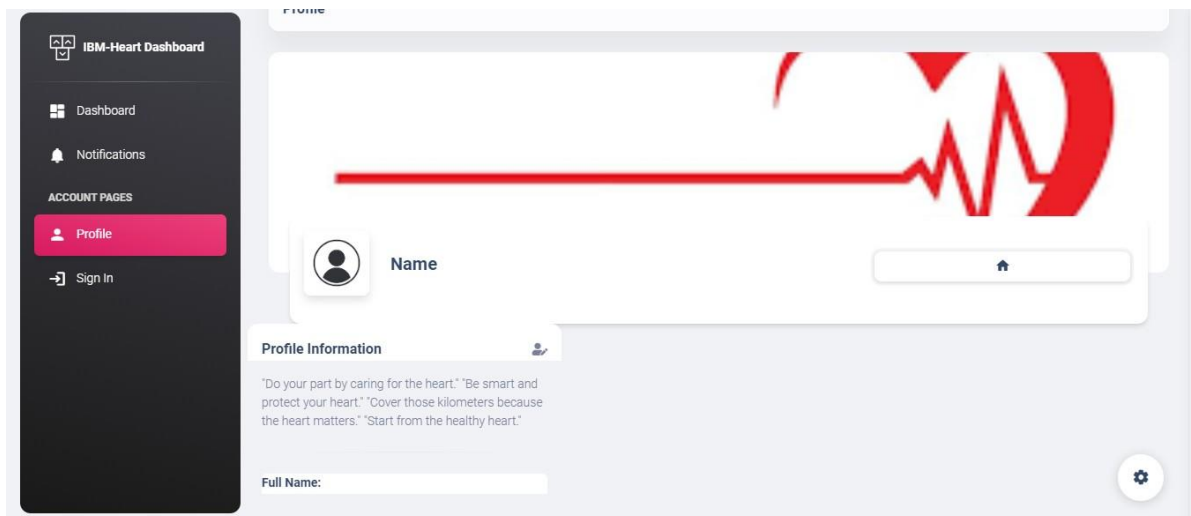


Project Development Phase

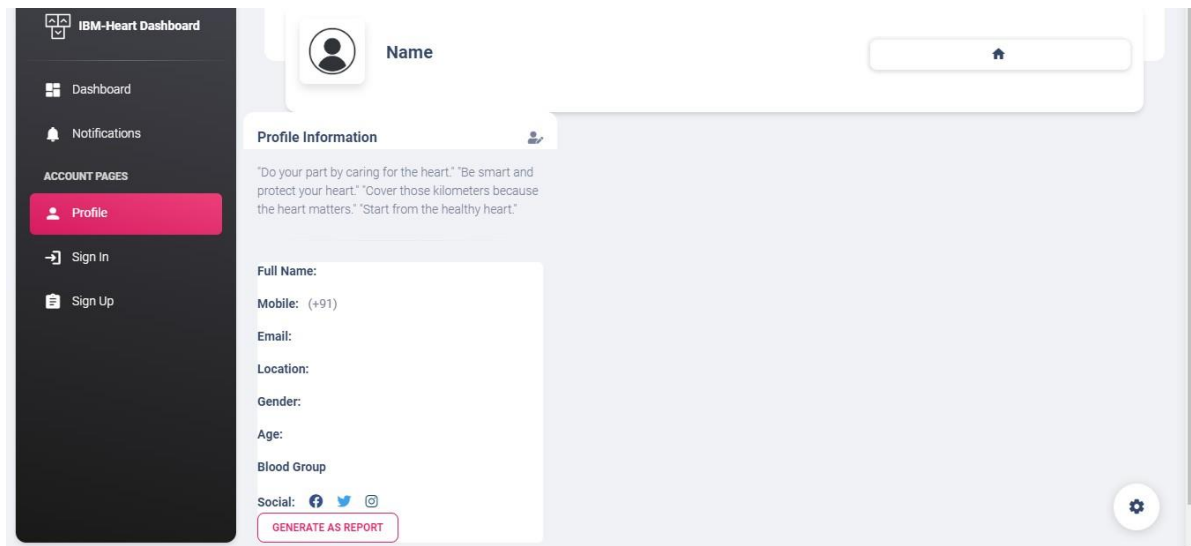
Date	04 November 2022
Team ID	PNT2022TMID43181
Project Name	Project – Visualizing and Predicting Heart Diseases with an Interactive Dashboard

Sprint-2

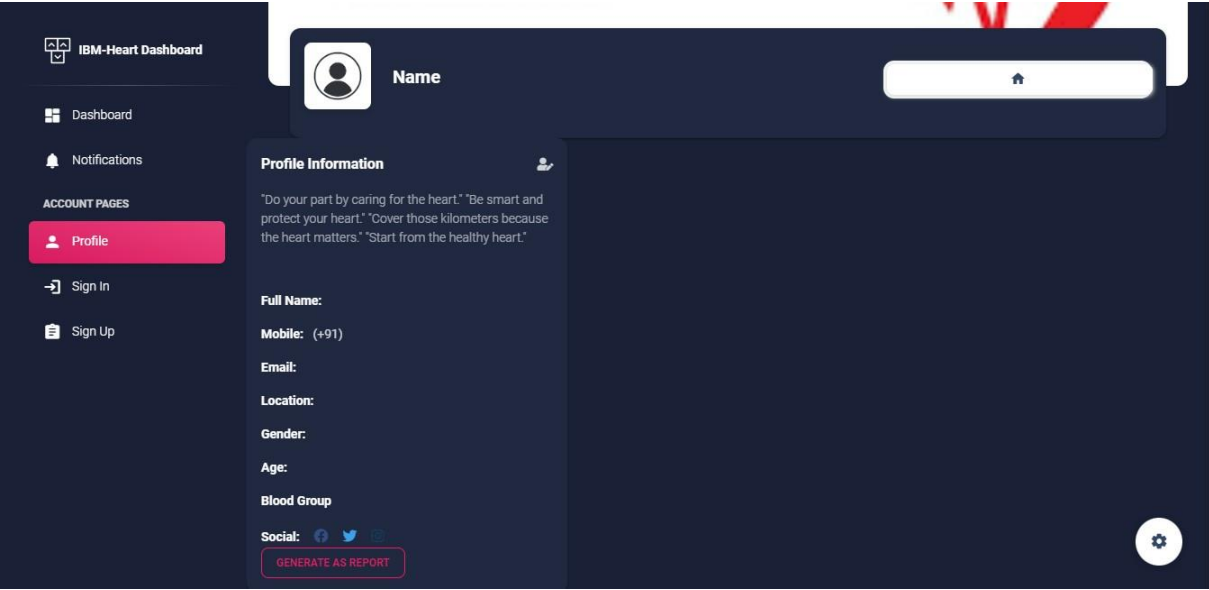
Profile- To Know the User about Him/Her Information and provide to Generate the Report for his Analysis



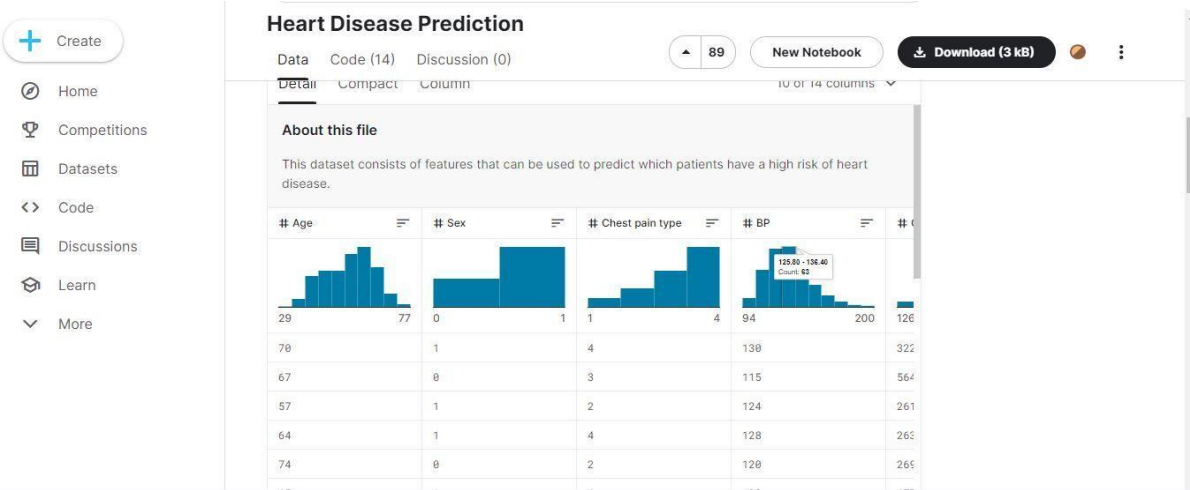
The screenshot shows the 'Profile' page of the 'IBM-Heart Dashboard'. On the left is a dark sidebar with navigation links: 'Dashboard', 'Notifications', 'ACCOUNT PAGES' (containing 'Profile' and 'Sign In'). The main content area features a large red heart rate monitor graphic. Below it is a profile card with a placeholder for a profile picture and the label 'Name'. Underneath is a 'Profile Information' section with a quote: "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." Below the quote is a 'Full Name:' input field. A settings gear icon is in the bottom right corner.



This screenshot shows the same 'Profile' page but with the 'Profile Information' section expanded into a form. The form fields include: 'Full Name:', 'Mobile: (+91)', 'Email:', 'Location:', 'Gender:', 'Age:', 'Blood Group', and 'Social:' with icons for Facebook, Twitter, and Instagram. A 'GENERATE AS REPORT' button is located at the bottom of the form. The sidebar and top navigation remain the same.



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



Attribute Information:

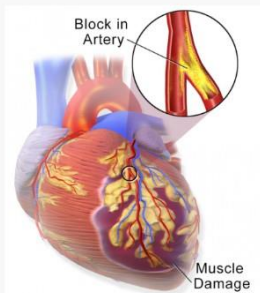
Only 14 attributes used:

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 restrelt (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 cholestoral in mg/dl
- 13 smoke: 1 believe this is 1 = yes; 0 = no (is or is not a smoker)
- 14 cligs (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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DOI: 10.21227/dz4t-cm36

Data Format: *.csv

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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