# Visualizing and Predicting Heart Diseases with an Interactive Dash Board

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## Understanding the Dataset:

This database contains of 14 fields. The "goal" field refers to the presence of heart disease in the patient. It is integer valued from 0 (no presence) to 4.

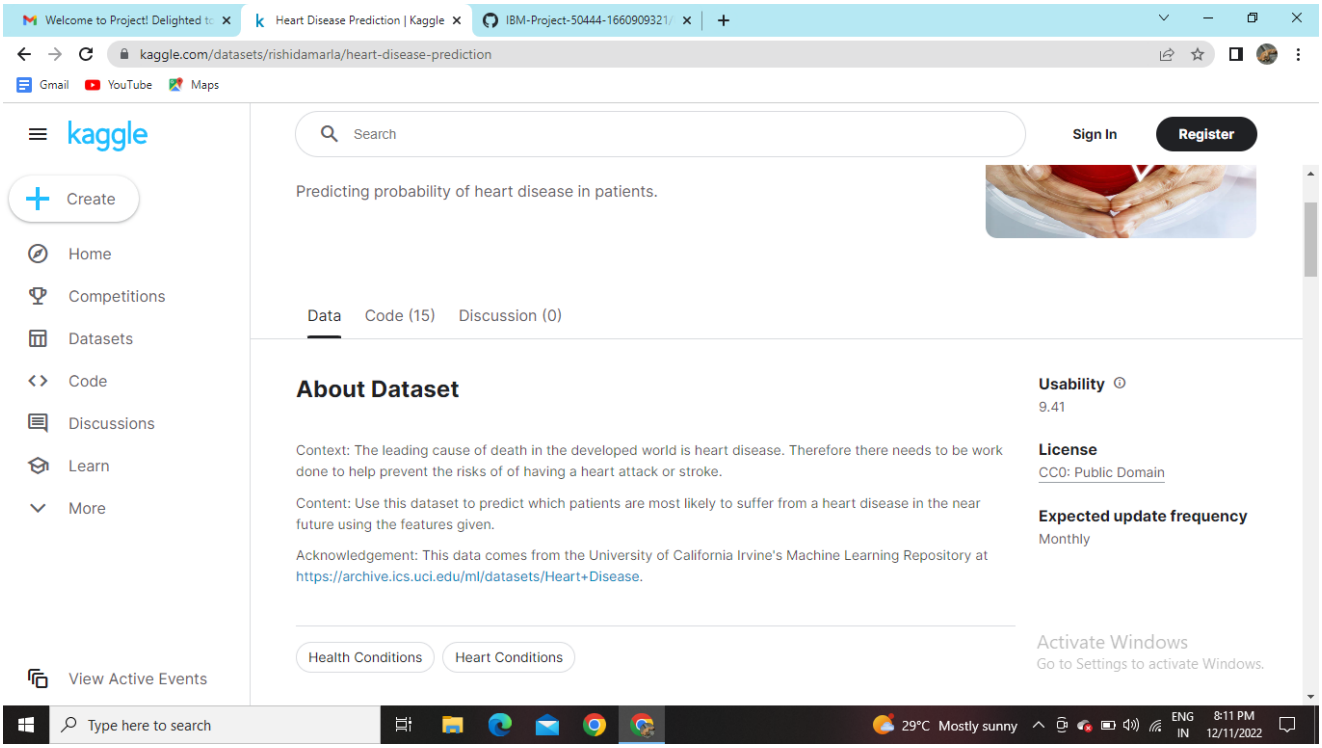
The data dictionary is as follows:

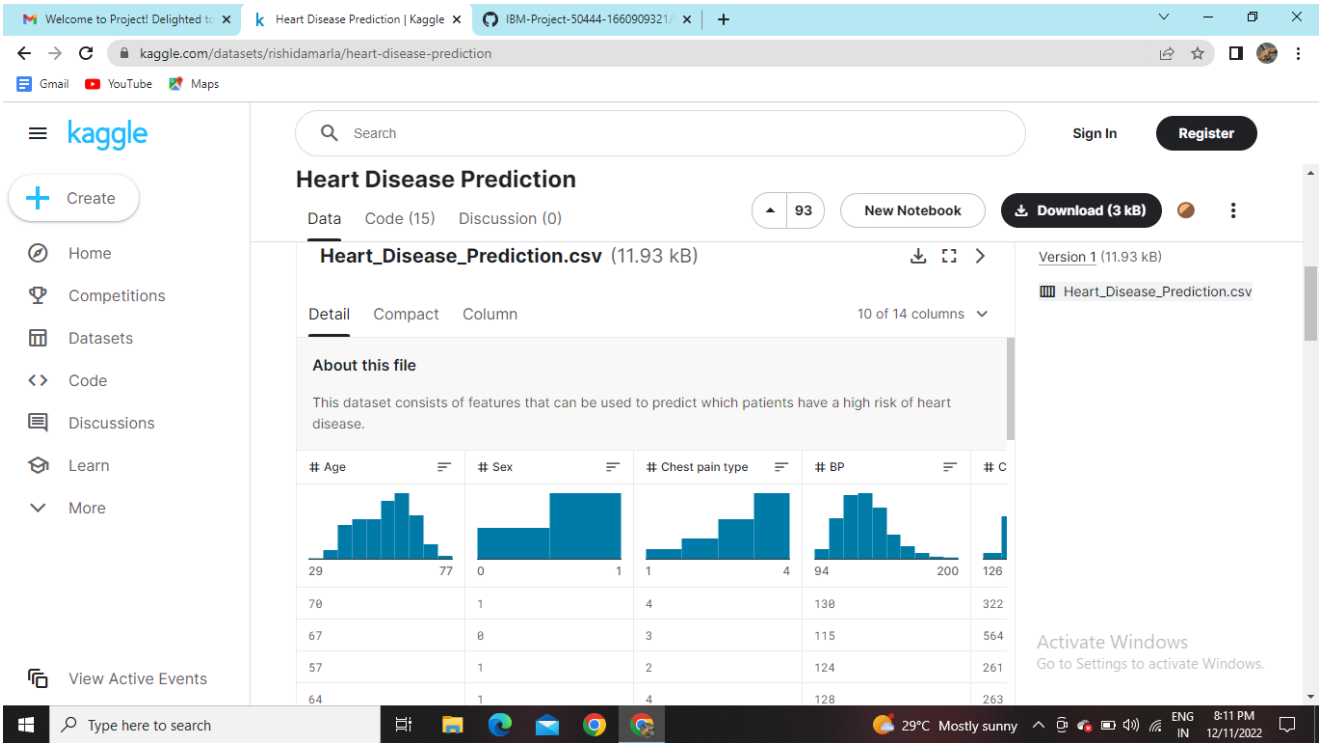
1. Age
2. Sex
3. Chest pain type
4. BP
5. Cholesterol
6. FBS over 120
7. EKG Results
8. Max HR
9. Exercise angina
10. ST depression
11. Slope of ST
12. Number of vessels fluro
13. Thallium
14. Heart Disease

Reference:

The data can be downloaded from the following:

https://www.kaggle.com/datasets/rishidamarla/heart-disease-prediction

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Heart Disease Prediction | Kaggle
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kaggle.com/datasets/rishidamarla/heart-disease-prediction
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Heart Disease Prediction
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New Notebook
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Heart_Disease_Prediction.csv (11.93 kB)
Detail
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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
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 4 128 263
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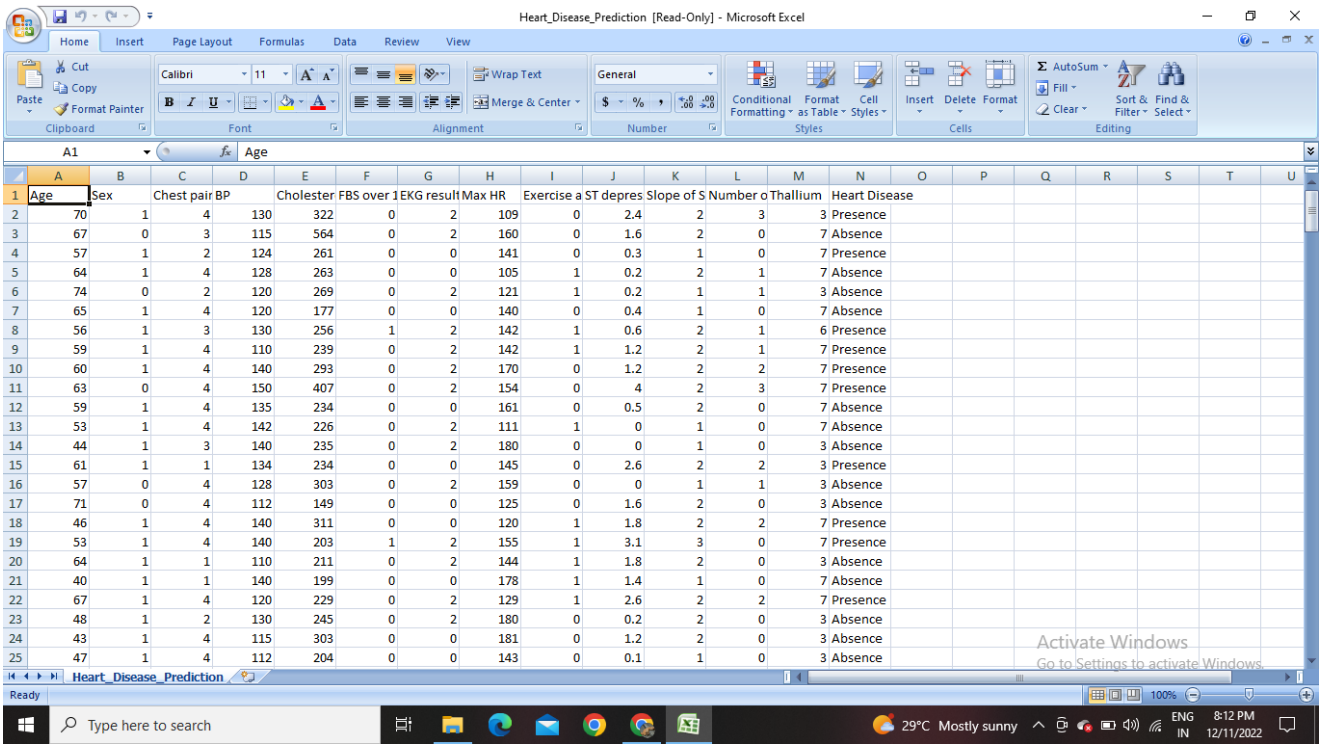
Heart_Disease_Prediction [Read-Only] - Microsoft Excel
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Age
Age Sex Chest pain BP Cholester FBS over 1 EKG result Max HR Exercise a ST depres Slope of S Number o Thallium Heart Disease
70 1 4 130 322 0 2 109 0 2.4 2 3 3 Presence
67 0 3 115 564 0 2 160 0 1.6 2 0 7 Absence
57 1 2 124 261 0 0 141 0 0.3 1 0 7 Presence
64 1 4 128 263 0 0 105 1 0.2 2 1 7 Absence
74 0 2 120 269 0 2 121 1 0.2 1 1 3 Absence
65 1 4 120 177 0 0 140 0 0.4 1 0 7 Absence
56 1 3 130 256 1 2 142 1 0.6 2 1 6 Presence
59 1 4 110 239 0 2 142 1 1.2 2 1 7 Presence
60 1 4 140 293 0 2 170 0 1.2 2 2 7 Presence
63 0 4 150 407 0 2 154 0 4 2 3 7 Presence
59 1 4 135 234 0 0 161 0 0.5 2 0 7 Absence
53 1 4 142 226 0 2 111 1 0 1 0 7 Absence
44 1 3 140 235 0 2 180 0 0 1 0 3 Absence
61 1 1 134 234 0 0 145 0 2.6 2 2 3 Presence
57 0 4 128 303 0 2 159 0 0 1 1 3 Absence
71 0 4 112 149 0 0 125 0 1.6 2 0 3 Absence
46 1 4 140 311 0 0 120 1 1.8 2 2 7 Presence
53 1 4 140 203 1 2 155 1 3.1 3 0 7 Presence
64 1 1 110 211 0 2 144 1 1.8 2 0 3 Absence
40 1 1 140 199 0 0 178 1 1.4 1 0 7 Absence
67 1 4 120 229 0 2 129 1 2.6 2 2 7 Presence
48 1 2 130 245 0 2 180 0 0.2 2 0 3 Absence
43 1 4 115 303 0 0 181 0 1.2 2 0 3 Absence
47 1 4 112 204 0 0 143 0 0.1 1 0 3 Absence
Heart_Disease_Prediction
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