

Team ID	PNT2022TMID20641
Project Name	Visualizing and prediction of heart disease with an interactive dashboard

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 can be downloaded from the following:

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

Context:

The leading cause of death in the developed world is heart disease. Therefore there needs to be work done to help prevent the risks of having a heart attack or stroke.

Content:

We're using this dataset to predict which patients are most likely to suffer from a heart disease in the near future using the features give

The data dictionary is as follows:

- Age
- Sex
- Chest pain type
- BP
- Cholesterol
- FBS over 120
- EKG results
- Max HR
- Exercise angina

- ST depression
- Slope of ST
- Number of vesselfluro
- Thallium

Heart_Disease_Prediction.csv - Microsoft Excel

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	Age	Sex	Chest pain type	BP	Cholesterol	FBS over 120	EKG results	Max HR	Exercise angina	ST depression	Slope of ST	Number of vessels fluro	Thallium	Heart Disease			
2	70	1	4	130	322	0	2	109	0	2.4	2	3	3	Presence			
3	67	0	3	115	564	0	2	160	0	1.6	2	0	7	Absence			
4	57	1	2	124	261	0	0	141	0	0.3	1	0	7	Presence			
5	64	1	4	128	263	0	0	105	1	0.2	2	1	7	Absence			
6	74	0	2	120	269	0	2	121	1	0.2	1	1	3	Absence			
7	65	1	4	120	177	0	0	140	0	0.4	1	0	7	Absence			
8	56	1	3	130	256	1	2	142	1	0.6	2	1	6	Presence			
9	59	1	4	110	239	0	2	142	1	1.2	2	1	7	Presence			
10	60	1	4	140	293	0	2	170	0	1.2	2	2	7	Presence			
11	63	0	4	150	407	0	2	154	0	4	2	3	7	Presence			
12	59	1	4	135	234	0	0	161	0	0.5	2	0	7	Absence			
13	53	1	4	142	226	0	2	111	1	0	1	0	7	Absence			
14	44	1	3	140	235	0	2	180	0	0	1	0	3	Absence			
15	61	1	1	134	234	0	0	145	0	2.6	2	2	3	Presence			
16	57	0	4	128	303	0	2	159	0	0	1	1	3	Absence			
17	71	0	4	112	149	0	0	125	0	1.6	2	0	3	Absence			
18	46	1	4	140	311	0	0	120	1	1.8	2	2	7	Presence			
19	53	1	4	140	203	1	2	155	1	3.1	3	0	7	Presence			
20	64	1	1	110	211	0	2	144	1	1.8	2	0	3	Absence			
21	40	1	1	140	199	0	0	178	1	1.4	1	0	7	Absence			
22	67	1	4	120	229	0	2	129	1	2.6	2	2	7	Presence			
23	48	1	2	130	245	0	2	180	0	0.2	2	0	3	Absence			
24	43	1	4	115	303	0	0	181	0	1.2	2	0	3	Absence			
25	47	1	4	112	204	0	0	143	0	0.1	1	0	3	Absence			