

## WORKING WITH THE DATASET

### UNDERSTANDING THE DATASET

<b>Team ID</b>	PNT2022TMID54045
<b>Project Name</b>	Visualizing and Predicting Heart Diseases with an Interactive Dash Board

### 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>

The data dictionary is as follows:

#### **Sno Field Name**

- 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 fluoro
- 13 Thallium
- 14 Heart Disease

## HEART DISEASE PREDICTION DATASET :

FILE HOME INSERT PAGE LAYOUT FORMULAS DATA REVIEW VIEW															
A1 : Age															
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
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 fluoro	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	
26	54	0	2	132	288	1	2	159	1	0	1	1	3	Absence	
27	48	0	3	130	275	0	0	139	0	0.2	1	0	3	Absence	
28	46	0	4	138	243	0	2	152	1	0	2	0	3	Absence	