

# WORKING WITH DATASET

TEAM ID	PNT2022TMID52957
PROJECT NAME	Visualizing and Predicting Heart Disease 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 dictionary is as follows:

- 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

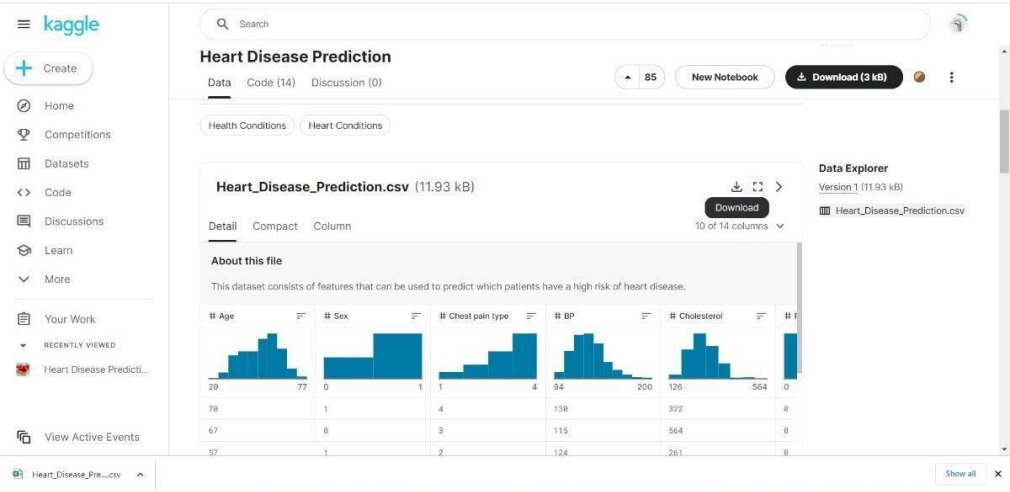
Number of vessels fluro
- 13

Thallium
- 14

Heart Disease

The data can be downloaded from the following:

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



Heart_Disease_Prediction																
AutoSave OFF																
File Home Insert Page Layout Formulas Data Review View Help																
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POSSIBLE DATA LOSS Some features might be lost if you save this workbook in the comma-delimited (.csv) format. To preserve these features, save it in an Excel file format.																
A1 Age																
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Age	Sex	Chest pain	BP	Cholesterol	FBS over 1	EKG result	Max HR	Exercise as	ST depress	Slope of ST	Number of	Thallium	Heart Disease		
2	70	1	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	1	4	130	243	0	2	153	1	0	2	0	3	Absence		

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A1 Age																
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
50	66	1	2	160	246	0	0	120	1	0	2	3	6	Presence		
51	65	0	4	150	225	0	2	114	0	1	2	3	7	Presence		
52	42	1	4	136	315	0	0	125	1	1.8	2	0	6	Presence		
53	52	1	2	128	205	1	0	184	0	0	1	0	3	Absence		
54	65	0	3	140	417	1	2	157	0	0.8	1	1	3	Absence		
55	63	0	2	140	195	0	0	179	0	0	1	2	3	Absence		
56	45	0	2	130	234	0	2	175	0	0.6	2	0	3	Absence		
57	41	0	2	105	198	0	0	168	0	0	1	1	3	Absence		
58	61	1	4	138	166	0	2	125	1	3.6	2	1	3	Presence		
59	60	0	3	120	178	1	0	96	0	0	1	0	3	Absence		
60	59	0	4	174	249	0	0	143	1	0	2	0	3	Presence		
61	62	1	2	120	281	0	2	103	0	1.4	2	1	7	Presence		
62	57	1	3	150	126	1	0	173	0	0.2	1	1	7	Absence		
63	51	0	4	130	305	0	0	142	1	1.2	2	0	7	Presence		
64	44	1	3	120	226	0	0	169	0	0	1	0	3	Absence		
65	60	0	1	150	240	0	0	171	0	0.9	1	0	3	Absence		
66	63	1	1	145	233	1	2	150	0	2.3	3	0	6	Absence		
67	57	1	4	150	276	0	2	112	1	0.6	2	1	6	Presence		
68	51	1	4	140	261	0	2	186	1	0	1	0	3	Absence		
69	58	0	2	136	319	1	2	152	0	0	1	2	3	Presence		
70	44	0	3	118	242	0	0	149	0	0.3	2	1	3	Absence		
71	47	1	3	108	243	0	0	152	0	0	1	0	3	Presence		
72	61	1	4	120	260	0	0	140	1	3.6	2	1	7	Presence		
73	57	0	4	120	354	0	0	163	1	0.6	1	0	3	Absence		
74	70	1	2	156	245	0	2	143	0	0	1	0	3	Absence		
75	76	0	3	140	197	0	1	116	0	1.1	2	0	3	Absence		
76	67	0	4	106	223	0	0	142	0	0.3	1	2	3	Absence		
77	46	1	4	142	200	0	2	147	1	0	2	2	7	Presence		