

WORKING WITH DATASET

TEAM ID	PNT2022TMID21605
PROJECT NAME	Visualizing and Predicting Heart Disease with an Interactive Dashboard

Understanding The Dataset

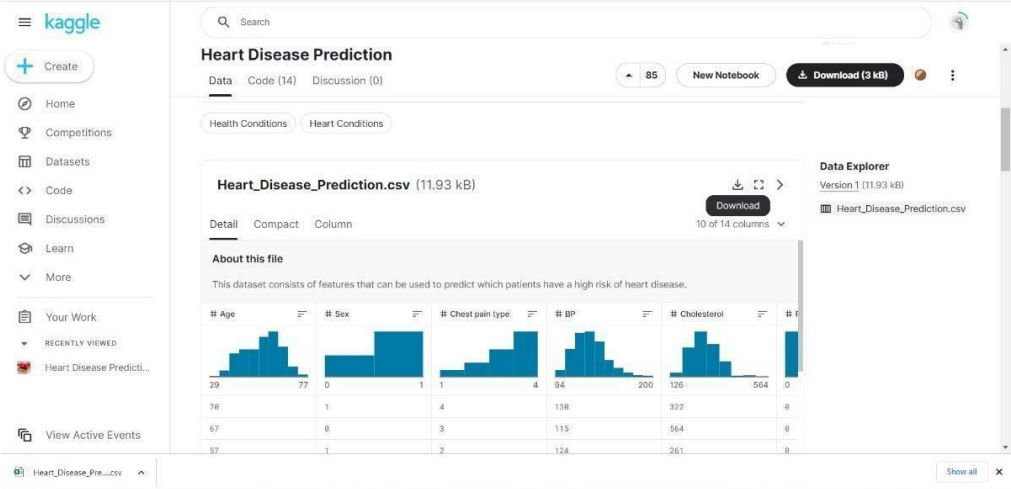
This database contains 14 fields. The "goal" field refers to the presence of heart disease in the patient. It is integer valued from 0 (no presence) to 4.

The data dictionary is as follows:

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 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																		
Age	Sex	Chest pain	BP	Cholesterc	FBS over 1	EKG result	Max HR	Exercise at	ST depress	Slope of S	Number of	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					
54	0	2	132	288	1	2	159	1	0	1	1	3	Absence					
48	0	3	130	275	0	0	139	0	0.2	1	0	3	Absence					

Heart_Disease_Prediction																		
Age																		
66	1	2	160	246	0	0	120	1	0	2	3	6	Presence					
65	0	4	150	225	0	2	114	0	1	2	3	7	Presence					
42	1	4	136	315	0	0	125	1	1.8	2	0	6	Presence					
52	1	2	128	205	1	0	184	0	0	1	0	3	Absence					
65	0	3	140	417	1	2	157	0	0.8	1	1	3	Absence					
63	0	2	140	195	0	0	179	0	0	1	2	3	Absence					
45	0	2	130	234	0	2	175	0	0.6	2	0	3	Absence					
41	0	2	105	198	0	0	168	0	0	1	1	3	Absence					
61	1	4	138	166	0	2	125	1	3.6	2	1	3	Presence					
60	0	3	120	178	1	0	96	0	0	1	0	3	Absence					
59	0	4	174	249	0	0	143	1	0	2	0	3	Presence					
62	1	2	120	281	0	2	103	0	1.4	2	1	7	Presence					
57	1	3	150	126	1	0	173	0	0.2	1	1	7	Absence					
51	0	4	130	305	0	0	142	1	1.2	2	0	7	Presence					
44	1	3	120	226	0	0	169	0	0	1	0	3	Absence					
60	0	1	150	240	0	0	171	0	0.9	1	0	3	Absence					
63	1	1	145	233	1	2	150	0	2.3	3	0	6	Absence					
57	1	4	150	276	0	2	112	1	0.6	2	1	6	Presence					
51	1	4	140	261	0	2	186	1	0	1	0	3	Absence					
58	0	2	136	319	1	2	152	0	0	1	2	3	Presence					
44	0	3	118	242	0	0	149	0	0.3	2	1	3	Absence					
47	1	3	108	243	0	0	152	0	0	1	0	3	Presence					
61	1	4	120	260	0	0	140	1	3.6	2	1	7	Presence					
57	0	4	120	354	0	0	163	1	0.6	1	0	3	Absence					
70	1	2	156	245	0	2	143	0	0	1	0	3	Absence					
76	0	3	140	197	0	1	116	0	1.1	2	0	3	Absence					
67	0	4	106	223	0	0	142	0	0.3	1	2	3	Absence					