

Project Development Phase

SPRINT – 2

Date	16 October 2022
Team ID	PNT2022TMID05779
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dash Board

UNDERSTAND THE DATASET:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Age	Sex	Chest pain	BP	Cholesterol	FBS over 1	EKG result	Max HR	Exercise ang	ST depress	Slope of ST	Number of	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	
29	51	0	3	120	295	0	2	157	0	0.6	1	0	3	Absence	

NUMBER OF DATASET: 271

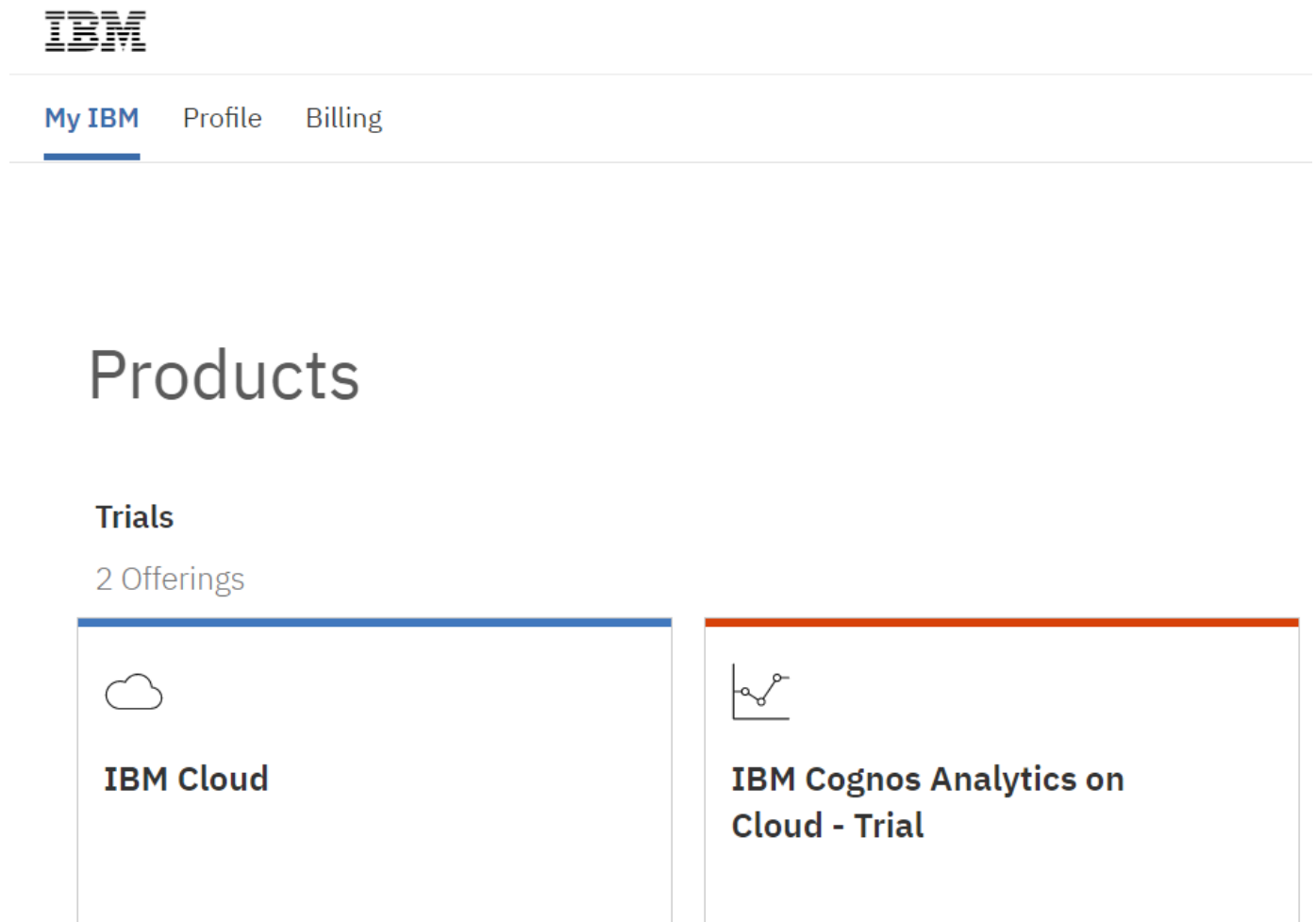
NUMBER OF PARAMETERS: 14

PARAMETERS DESCRIPTION:

COLUMN	DESCRIPTION
Age	Age of the Patient's
Sex	Gender of the Patient's
Chest pain	Number of times the chest pain has occurred
BP	Level Of Patient's Blood pressure
Cholesterol	Level Of Patient's Cholesterol level
FBS over 120	Patient's fasting blood sugar level over 120
EKG results	Records the Electrical Signal from the heart to check for different heart condition
Max HR	Maximum heart rate level of Patient's
Exercise angina	Pressure in the Chest, It often occurs with exercise or stress
ST depression	ST depression represents Myocardial ischemia
Slope of ST	Slope of ST segment
Number of vessels fluro	To diagnose the vessels
Thallium	Amount of Thallium present in Patient's Body
Heart Disease	Presence/Absence of heart disease

LOAD THE DATASET:

Step 1: Open IBM Cognos Analytics:



Step 2: Upload the Dataset:

