

VISUALIZING AND PREDICTING HEART DISEASE WITH AN INTERACTIVE DASHBOARD

PROJECT DEVELOPMENT PHASE

TEAM ID: PNT2022TMID44038

Sprint 1

USN-1:

As a user, I can gather the details of the patients.

USN-2:

As an Analyst, I will check the data set and clean the dataset to create an efficient model.

USN-3:

As an Analyst I will also correct the raw data and create a data module.

The screenshot displays the IBM Cognos Analytics interface. The top navigation bar includes the text 'IBM Cognos Analytics with Watson', a dropdown menu for 'heart disease dataset', a search bar with the text 'Search content', and user profile icons. Below the navigation bar is a toolbar with various icons for navigation and actions. The main content area is divided into two panels. The left panel, titled 'Data module', contains a search bar and a list of data modules. The selected module is 'heart dise...iction.csv', which is expanded to show a list of fields: '# Row Id', 'Age', 'Sex', 'Chest pain type', 'BP', 'Cholesterol', 'FBS over 120', 'EKG results', 'Max HR', and 'Exercise angina'. The right panel, titled 'Grid', shows a table with 10 rows and 6 columns. The columns are 'Row Id', 'Age', 'Sex', 'Chest pain type', 'BP', and 'Chol'. The table contains patient data for 10 rows.

Row Id	Age	Sex	Chest pain type	BP	Chol
1	70	1	4	130	32
2	67	0	3	115	56
3	57	1	2	124	26
4	64	1	4	128	26
5	74	0	2	120	26
6	65	1	4	120	17
7	56	1	3	130	25
8	59	1	4	110	23
9	60	1	4	140	25
10	63	0	4	150	40

ST depression	Slope of ST	Number of vessels fluro	Thallium	Heart Disease
2.4	2	3	3	Presence
1.6	2	0	7	Absence
0.3	1	0	7	Presence
0.2	2	1	7	Absence
0.2	1	1	3	Absence
0.4	1	0	7	Absence
0.6	2	1	6	Presence
1.2	2	1	7	Presence
1.2	2	2	7	Presence
4	2	3	7	Presence

In this phase we have cleaned the given dataset using IBM COGNOS ANALYTICS.

Data Module Link:

https://us1.ca.analytics.ibm.com/bi/?perspective=camodeller&pathRef=.my_folders%2Fheart%2Bdisease%2Bdataset