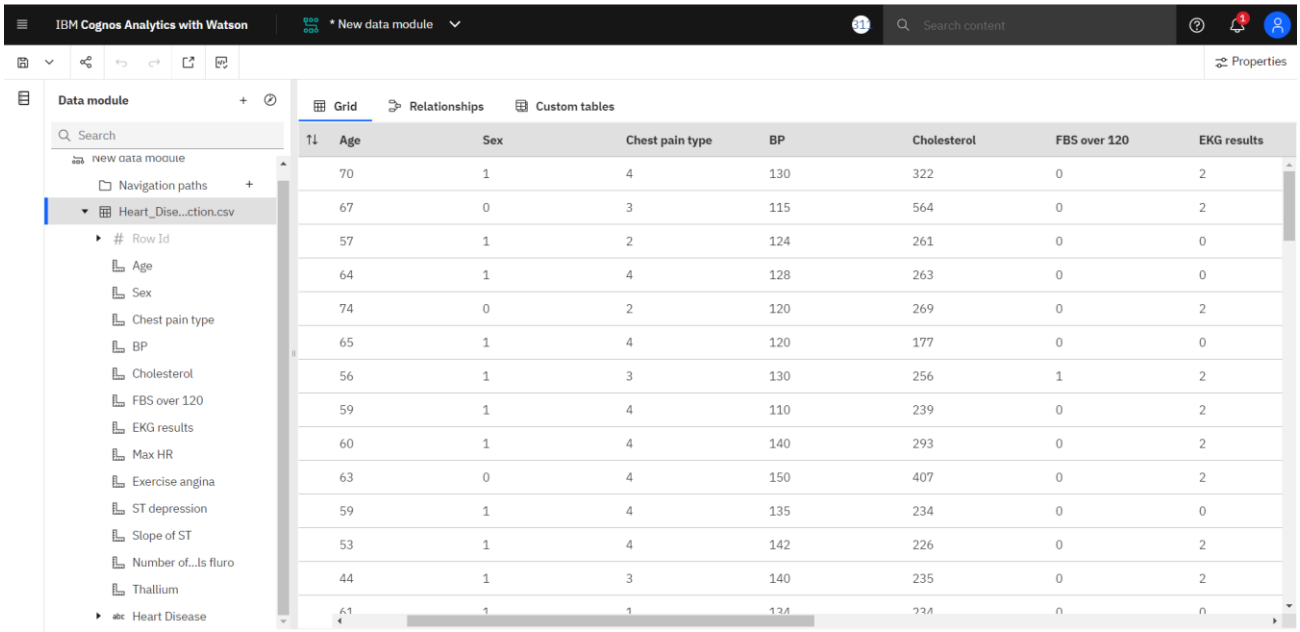
Working With the Dataset

Understanding the Dataset

Date	30 October 2022
Team ID	PNT2022TMID53476
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dash Board

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 1.
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



S. No.	Attribute	Description	Type
1	Age	Patient's age	Numerical
2	Sex	Gender of patient (male-0 female-1)	Nominal
3	Chest pain type	Chest pain type (Value 1- typical angina, Value 2-atypical angina, Value 3-non-anginal pain, Value 4-asymptomatic)	Nominal
4	BP	Resting blood pressure (in mm Hg, values from 94 from 200)	Numerical
5	Cholesterol	Serum cholesterol in mg/dl, values from 126 to 564)	Numerical
6	FBS over 120	Fasting blood sugar>120 mg/dl, true- 1 false-0)	Nominal
7	EKG results	Resting electro cardio graphics result (0 to 2) Value 0: normal, Value 1: having ST-T wave abnormality, Value 2: showing probable or definite left ventricular hypertrophy	Nominal
8	Max HR	Maximum heart rate achieved (71 to 202)	Numerical
9	Exercise angina	Exercise included agina (1-yes 0-no)	Nominal
10	ST depression	ST depression introduced by exercise relative to rest (0 to 6.2)	Numerical
11	Slope of ST	The slop of the peak exercise ST segment (1 to 3) Value 1: upsloping , Value 2: flat, Value 3: downsloping	Nominal
12	Number of vessels fluro	Number of major vessels (0-3)	Numerical
13	Thallium	3 = normal; 6 = fixed defect; 7 = reversable defect	Nominal
14	Heart Disease	1 or 0	Nominal