Working With the Dataset

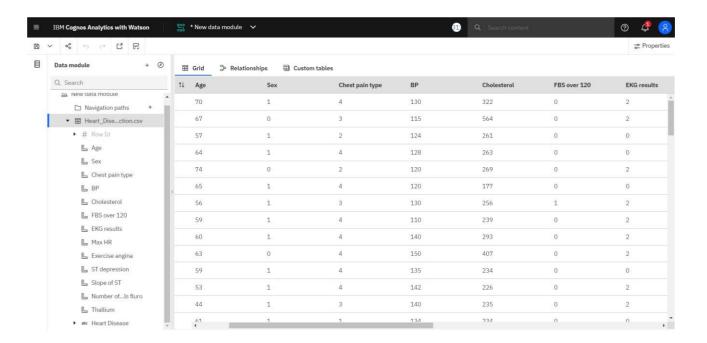
Understanding the Dataset

Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dash Board
	an interactive Dash Doard

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

- 5 Cholesterol6 FBS over 120
- 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
- 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