

## Project Development Phase

Date	05 November 2022
Team ID	PNT2022TMID43181
Project Name	Project – Visualizing and Predicting Heart Diseases with an Interactive Dashboard

### Sprint-3

**Exploring Dataset-** The data set would be explored to find the general trends of the data set.



IBM Cognos Analytics with Watson | \* New dashboard | 27 | Search content

Analytics | Filters | Fields | Properties

Selected sources / Heart\_Disease\_Prediction.csv

Navigation paths

- Heart\_Disease\_Prediction.csv
  - Age
  - Sex
  - Chest pain type
  - BP
  - Cholesterol
  - FBS over 120
  - EKG results
  - Max HR
  - Exercise angina
  - ST depression
  - Slope of ST

Tab 1

Drag and drop data here to filter all tabs.

Drag and drop data here to filter this tab.

IBM Cognos Analytics with Watson | \* New exploration | 27 | Search content

Analytics | Details | Fields | Properties

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  - Max HR
  - Exercise angina
  - ST depression
  - Slope of ST
  - Number of visits

BP by Age

Fields

- Bars
  - Age
- # Length\* Required field
  - BP
- Color
  -
- Repeat (column)
  -

IBM Cognos Analytics with Watson | \* New exploration | 27 | Search content

Analytics | Details | Fields | Properties

Selected sources / Heart\_Disease\_Prediction.csv

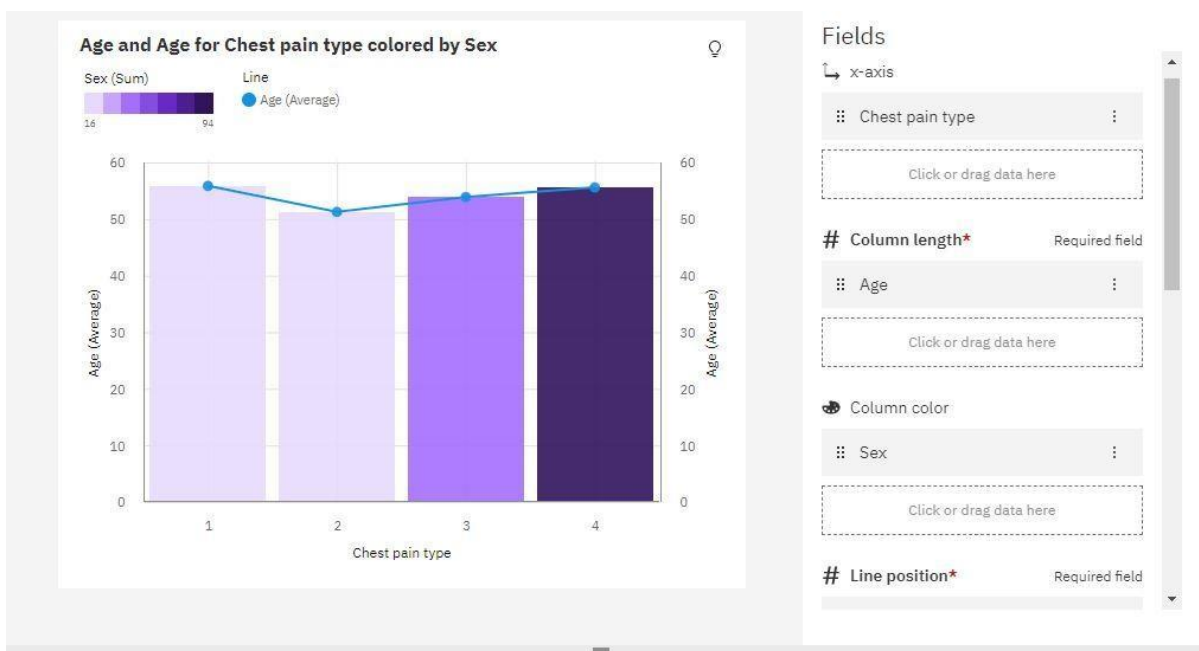
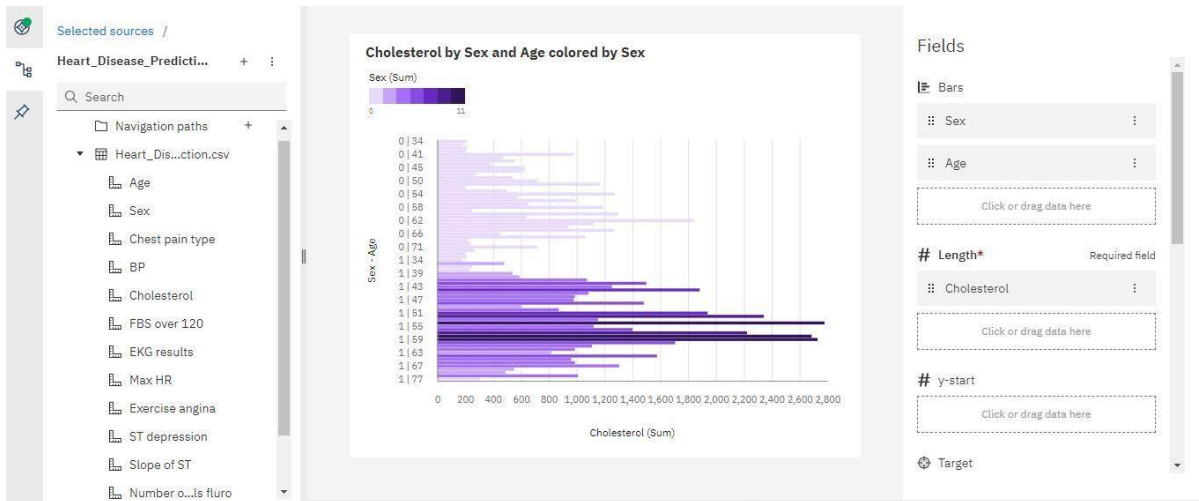
Navigation paths

- Heart\_Disease\_Prediction.csv
  - Age
  - Sex
  - Chest pain type
  - BP
  - Cholesterol
  - FBS over 120
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  - Max HR
  - Exercise angina
  - ST depression
  - Slope of ST

BP by Chest pain type and Sex colored by Sex

Fields

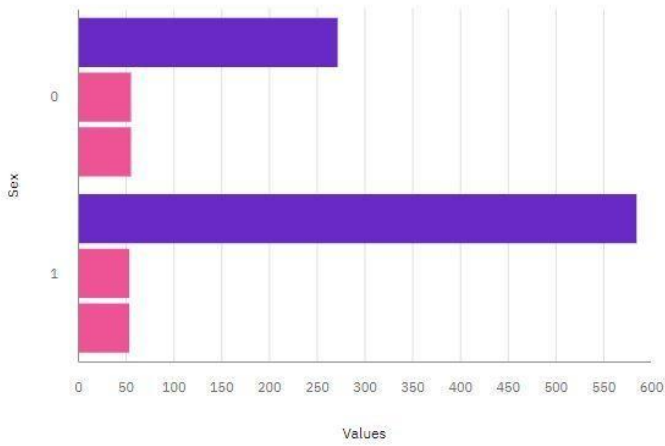
- Bars
  - Chest pain type
  - Sex
- # Length\* Required field
  - BP
- Color
  - Sex



### Chest pain type, Age and Age by Sex

Measures

● Chest pain type ● Age ● Age



### Fields

Bars

Sex

Click or drag data here

# Length\*

Required field

Chest pain type

Age

Age

Click or drag data here

# y-start

Click or drag data here

### Age by Chest pain type and Sex

Age (Average)



### Fields

Rows

Chest pain type

Click or drag data here

Columns

Sex

Click or drag data here

Points

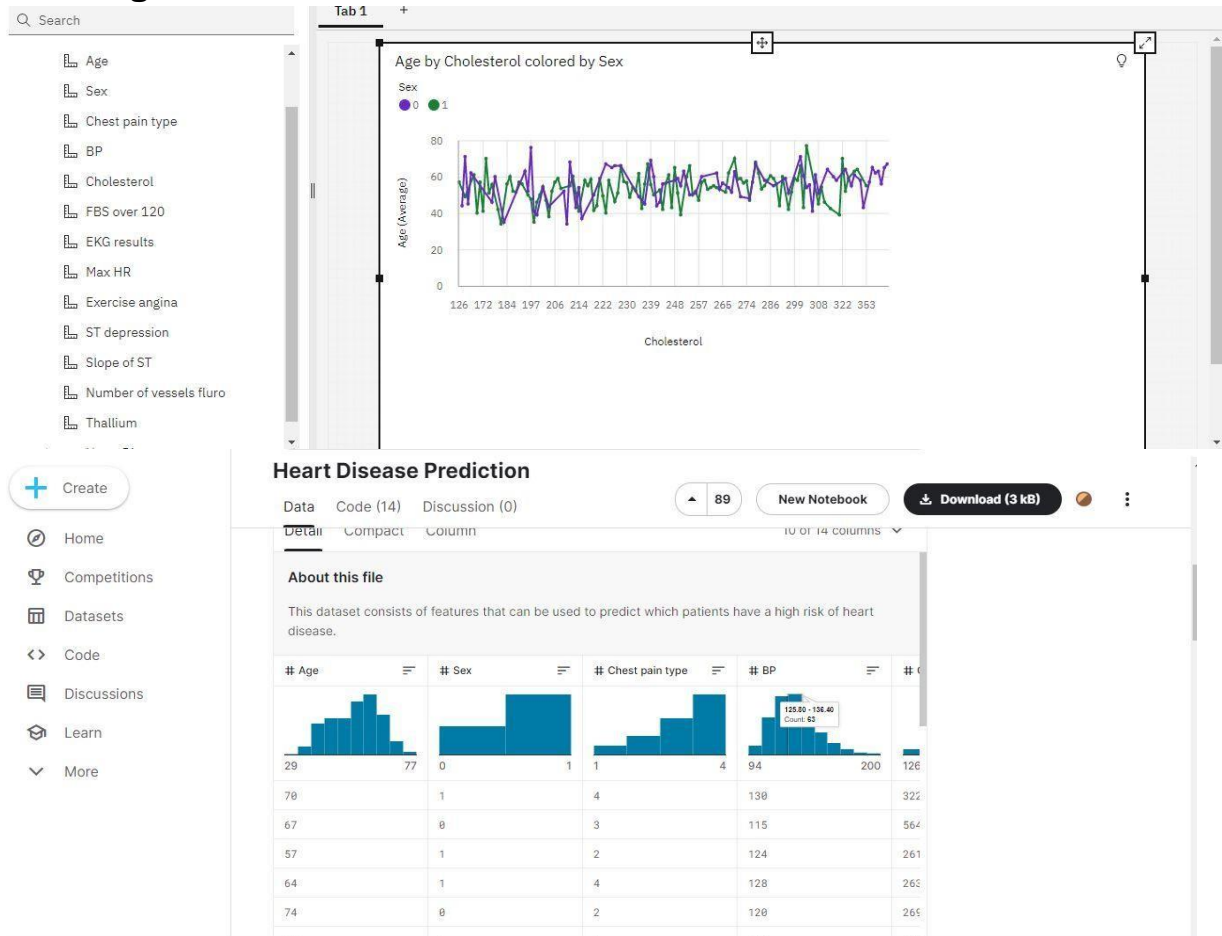
Age

Click or drag data here

Heat\*

Required field

## Working with Dataset - The Data Should be Evaluated and make useful for the Project.



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Search content

?

Quick launch

Reading Heart\_Disease\_Prediction.csv...

Cancel Details

Upload data

Upload or drag and drop spreadsheets, csv files, and other data sources.

Prepare data

Use data modules to clean and connect data from multiple resources.

Exploration

Quickly find unbiased answers by identifying trends in your data with data explo...

Present data

Create sophisticated, multi-page, multi-query dashboards, reports, or stori...

Get started

Recent

<input type="checkbox"/>	Name	Location	Type	Last Accessed	
<input type="checkbox"/>	Average BP during the Chest Pain	My content	Dashboard	31/10/2022, 05:37	:
<input type="checkbox"/>	My first dashboard	My content	Dashboard	31/10/2022, 05:31	:
<input type="checkbox"/>	Heart_Disease_Prediction.csv CSV	My content	Uploaded file	31/10/2022, 05:19	:

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Search content

?

Quick launch

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<input type="checkbox"/>	Heart_Disease_Prediction.csv CSV	My content	Uploaded file	31/10/2022, 05:19	: