

# Working with Dataset

Date	05 November 2022
Team ID	PNT2022TMID24669
Project Name	Visualizing And Predicting Heart Diseases with An Interactive Dash Board

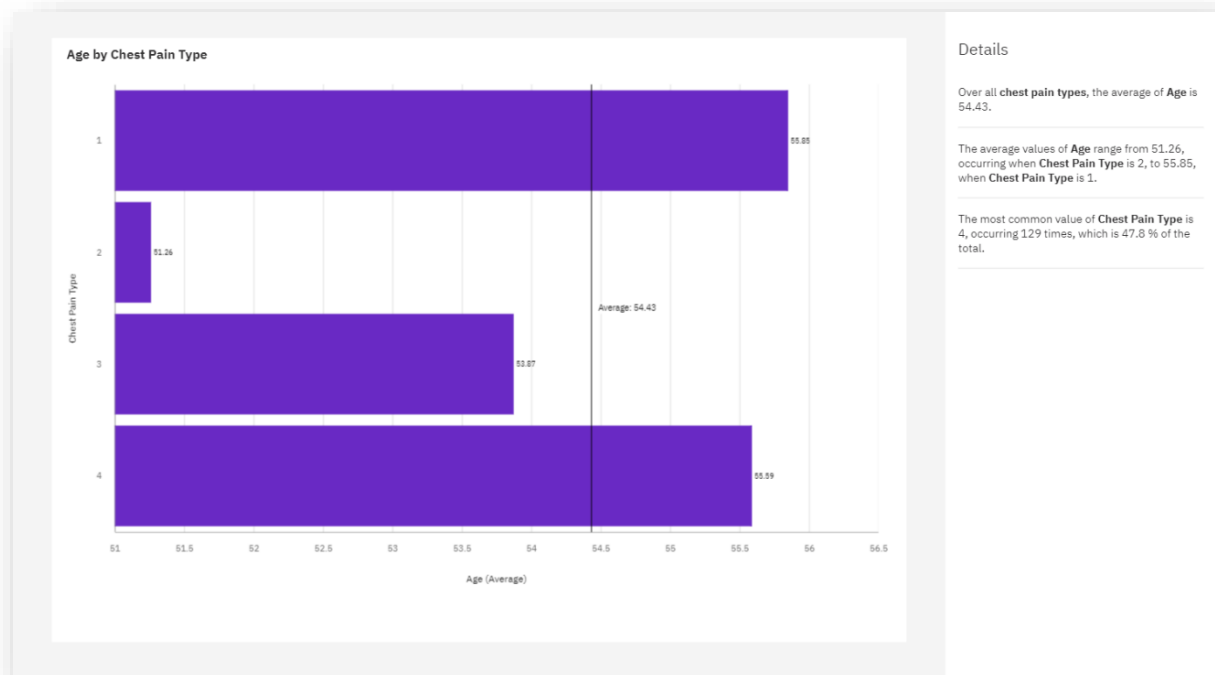
## Data Preparation (Data Module)

The screenshot displays the IBM Cognos Analytics interface. The top navigation bar includes the IBM logo, a search bar, and a user profile icon. The main workspace is divided into a left sidebar and a central grid view. The sidebar shows a 'Data module' section with a search bar and a list of data sources, including 'Heart\_Dise...ction.csv'. The central grid view displays a table with the following columns: Row Id, Age, Sex, Chest pain type, BP, and Chol. The table contains 9 rows of data.

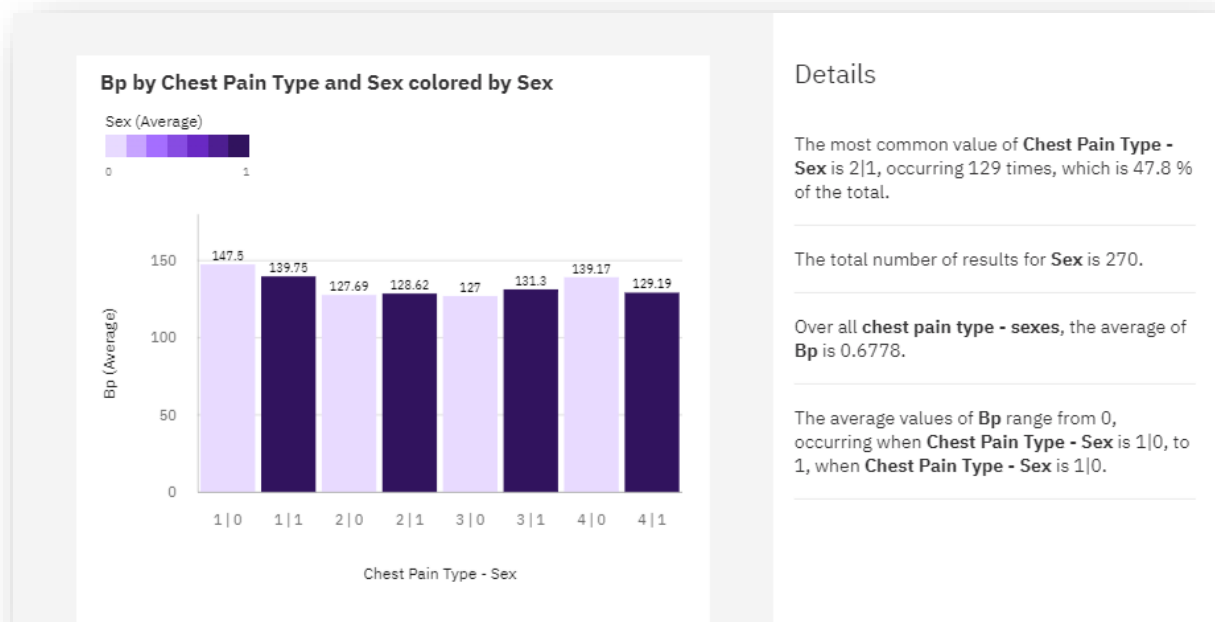
Row Id	Age	Sex	Chest pain type	BP	Chol
1	70	1	4	130	32
2	67	0	3	115	56
3	57	1	2	124	26
4	64	1	4	128	26
5	74	0	2	120	26
6	65	1	4	120	17
7	56	1	3	130	25
8	59	1	4	110	22
9	60	1	4	140	25

## Exploration of Data:

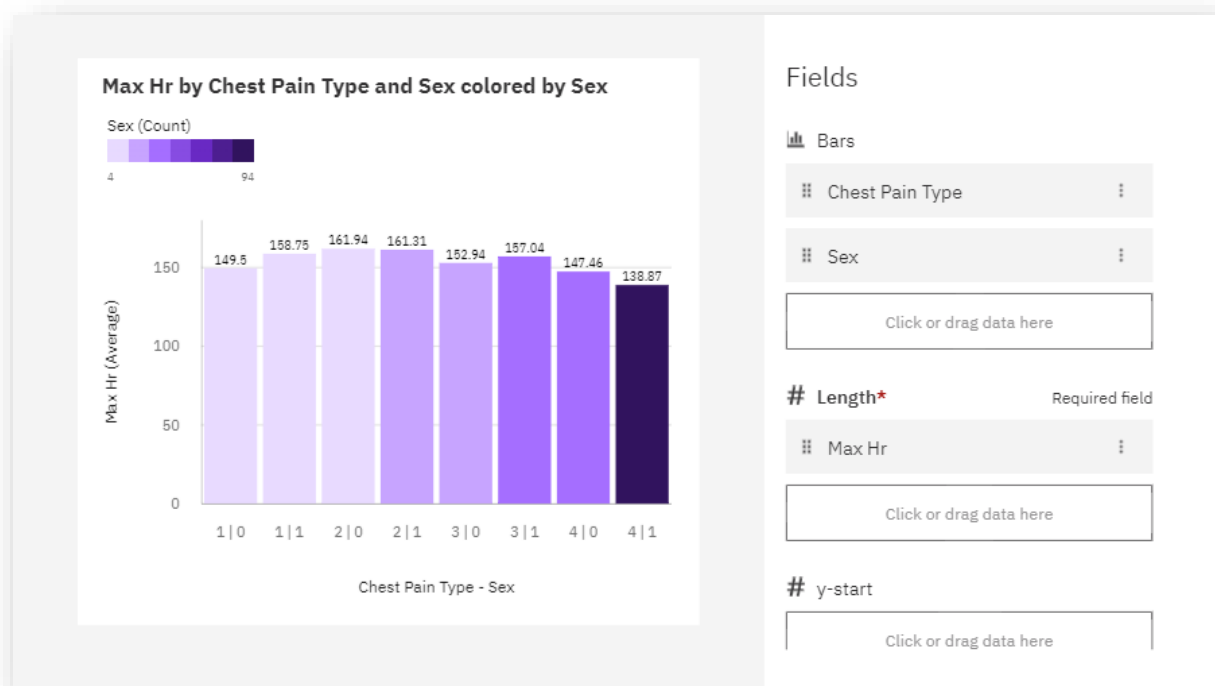
### Age by Chest pain type



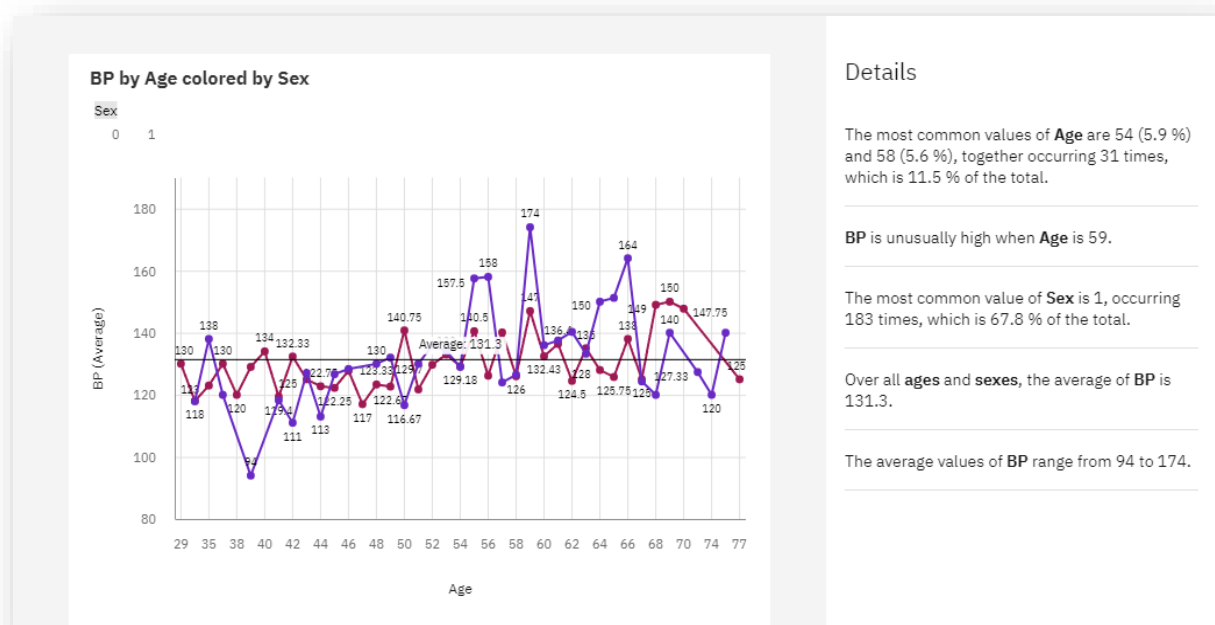
## Exploration of Bp vs Chest pain type and Gender



# Exploration of Max Heart Rate During Chest pain

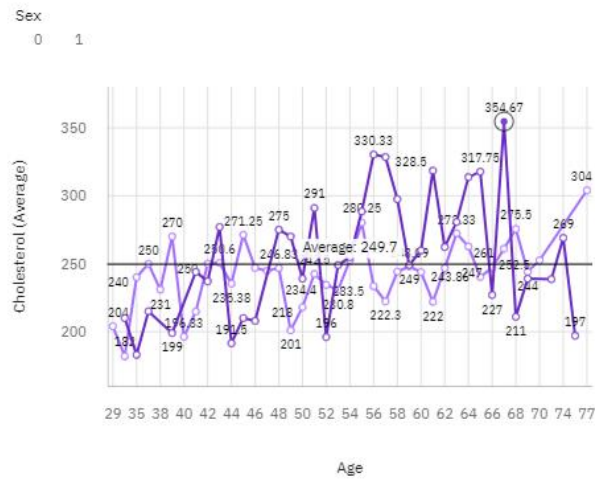


# Exploration of Bp by Age



# Exploration of Cholesterol by Age and Gender

Cholesterol by Age colored by Sex



## Analytics

### Insights

#### Show average value

The average value of Cholesterol is 249.7.

#### Show meaningful differences

1 found

#### Show predictive strength

There is no reliable predictive relationship between Age, Sex and Cholesterol.