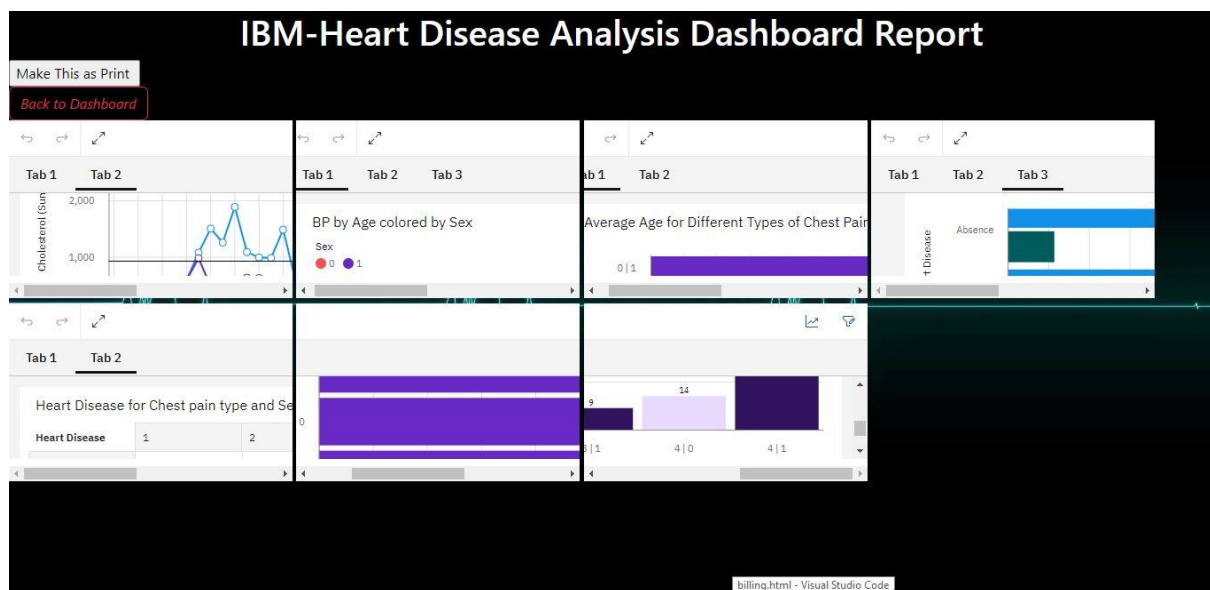
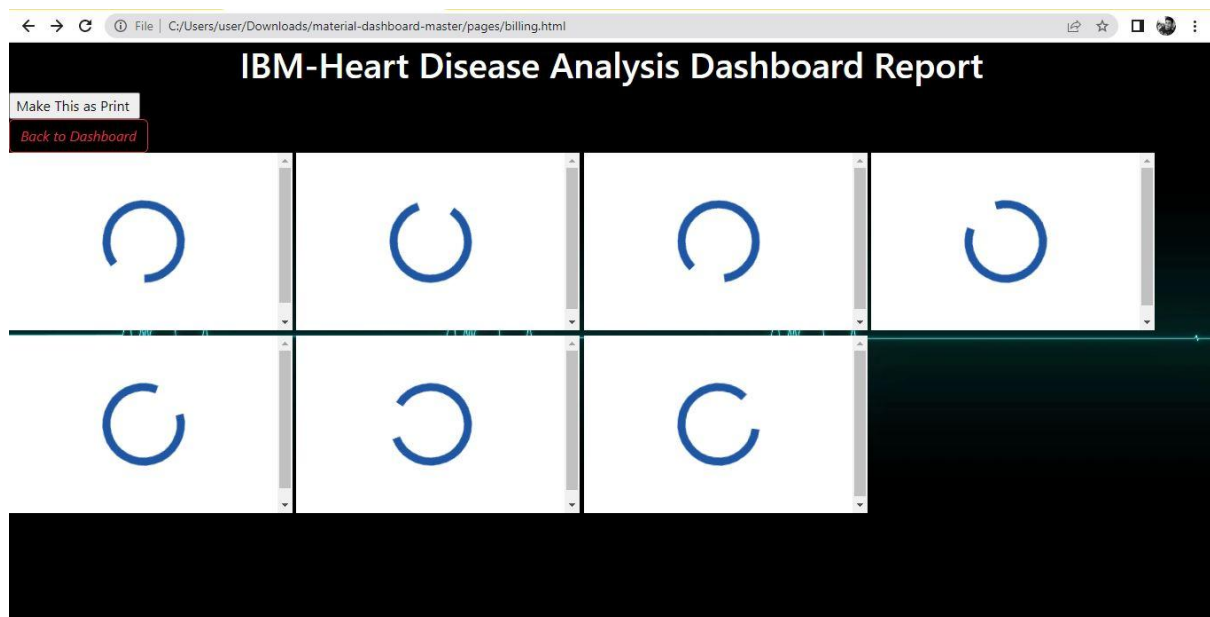


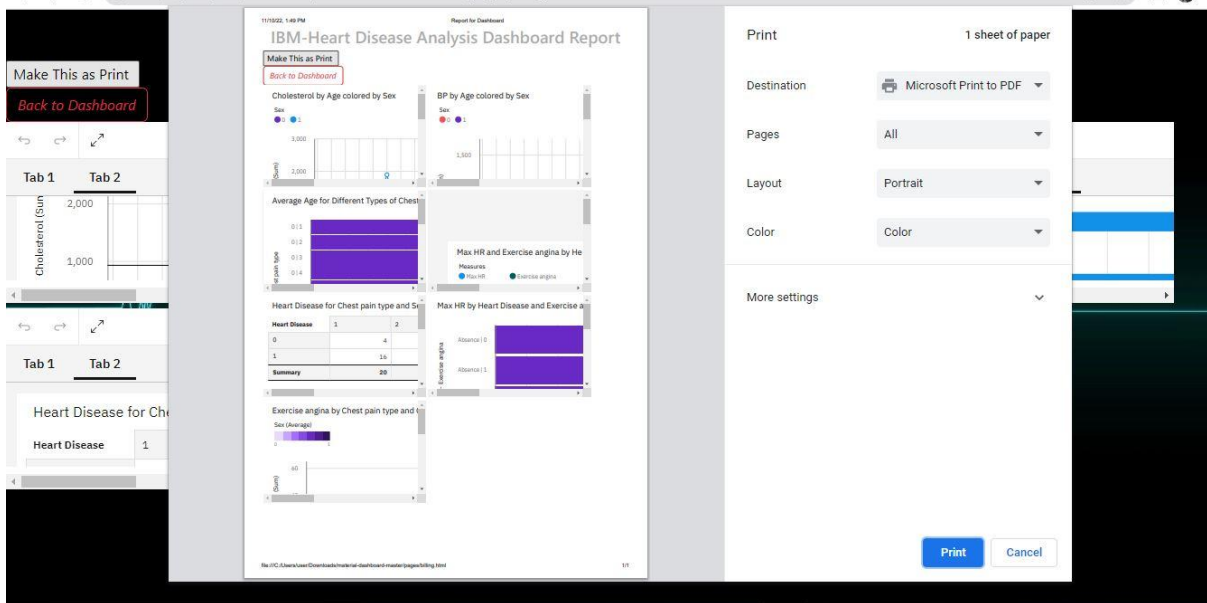
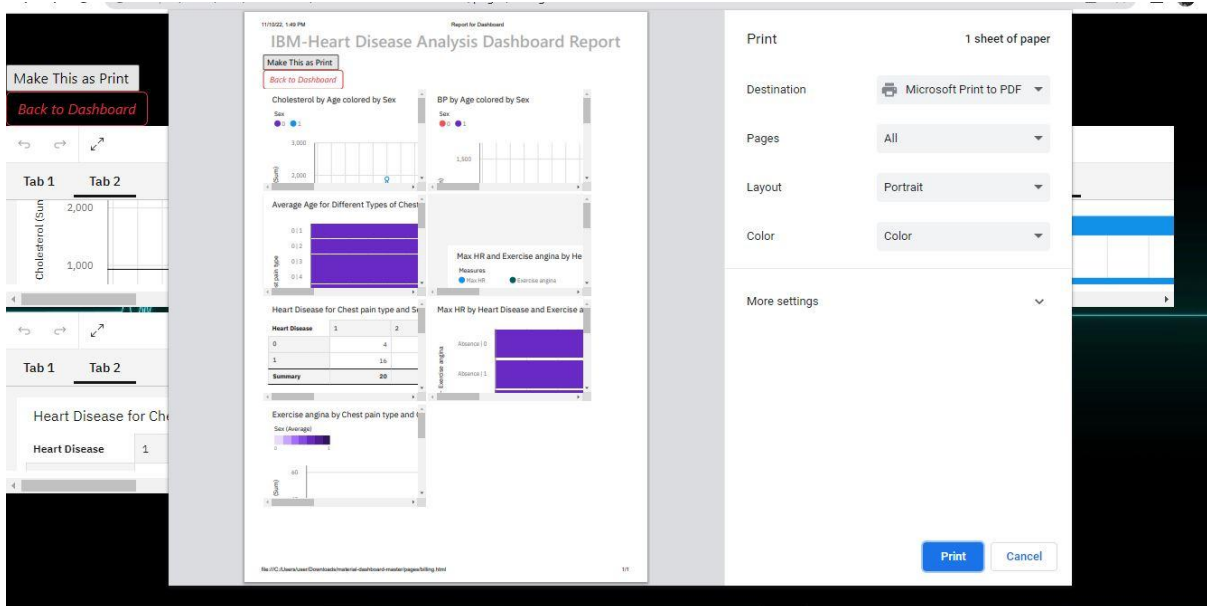
## Project Development Phase

Date	05 November 2022
Team ID	PNT2022TMID12879
Project Name	Project – Visualizing and Predicting Heart Diseases with an Interactive Dashboard

## Sprint-5

**Report Generation**-Make the dashboard convert to Report that can be useful for the User.





Data Visualization:



Heart\_Disease\_Prediction.csv

Search

- Age
- Sex
- Chest pain type
- BP
- Cholesterol
- FBS over 120
- EKG results
- Max HR
- Exercise angina
- ST depression
- Slope of ST
- Number of vessels fluro
- Thallium
- Heart Disease

Tab 1

Age and Chest pain type for Heart Disease

	Age	Chest pain type
Absence	52.71	423
Presence	56.59	434
Summary	54.43	857

Columns

Click or drag data here

Rows

- Heart Disease

Click or drag data here

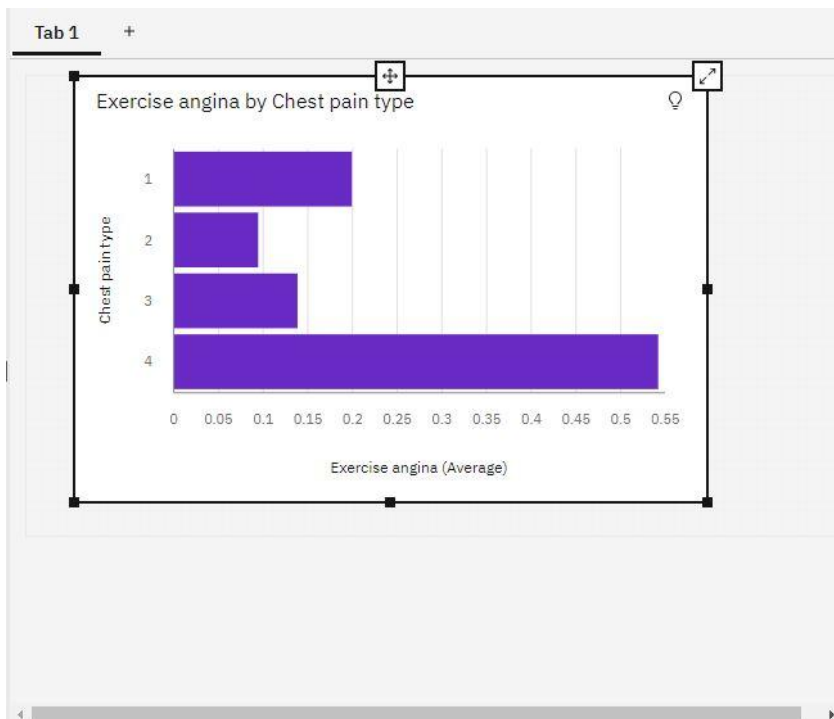
# Values\* Required field

- Age
- Chest pain type

Click or drag data here

Local filters

Click or drag data here



#### Bars

Chest pain type

Click or drag data here

#### # Length\*

Required field

Exercise angina

Click or drag data here

#### # y-start

Click or drag data here

#### Target

Click or drag data here

#### Color

Click or drag data here

IBM Cognos Analytics with Watson | \* New dashboard | 30 | Search content

Edit | Analytics | Filters | Fields | Properties

Selected sources / Heart\_Disease\_Prediction.csv

Navigation paths

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

Tab 1

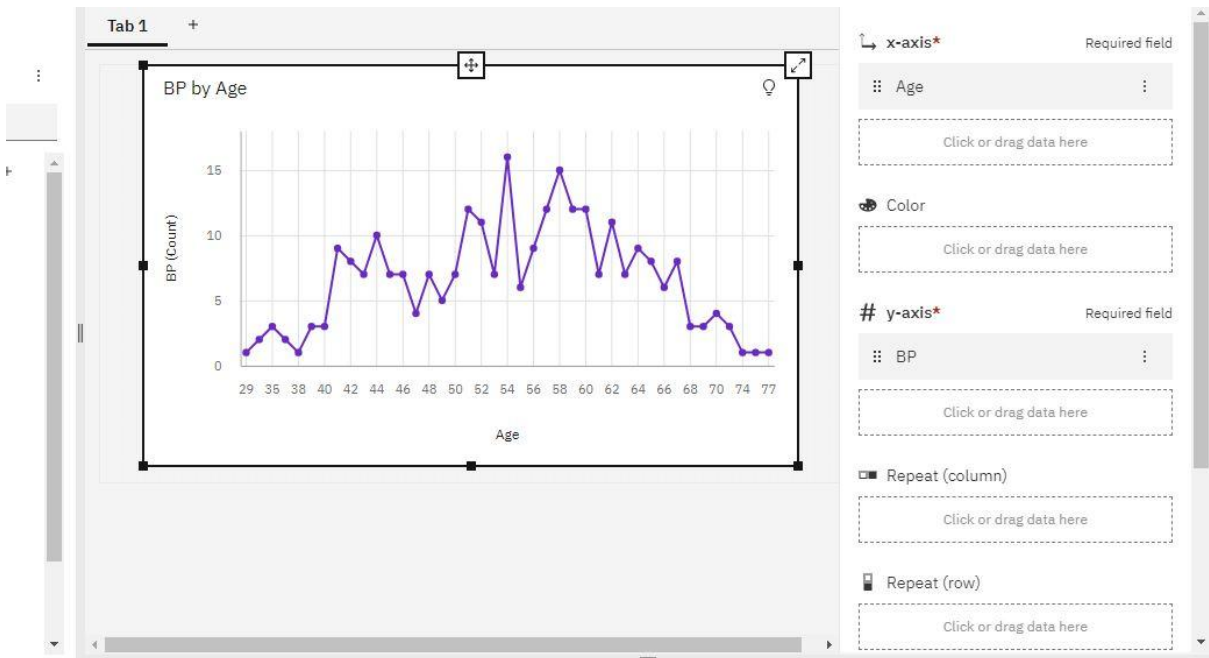
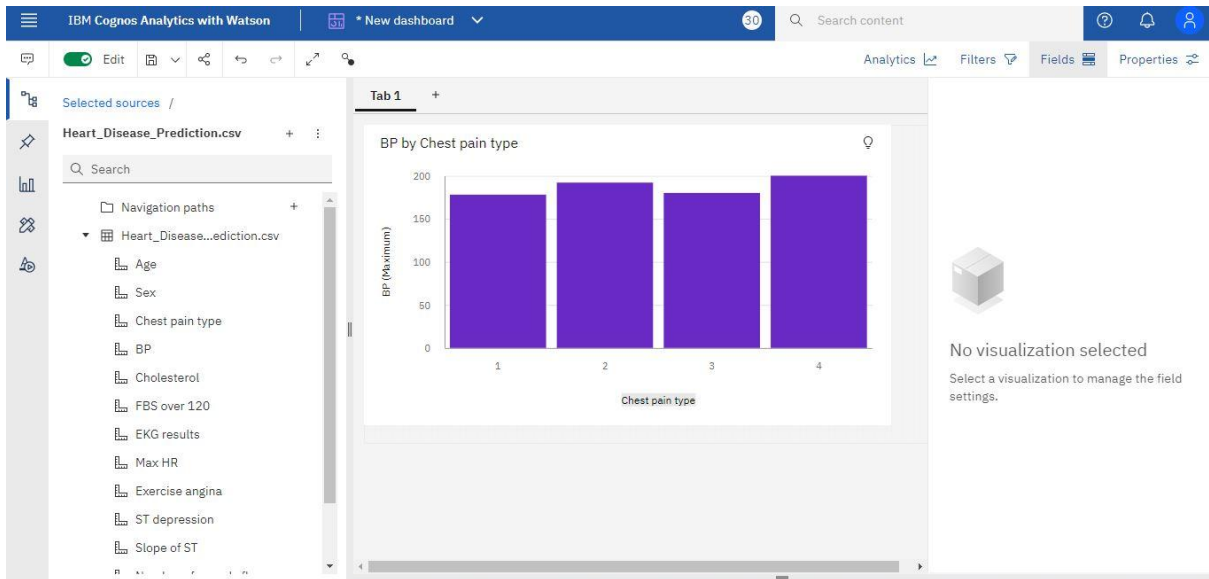
### Age and Sex by Chest pain type

Measures: Age, Sex

Chest pain type	Age	Sex
1	55	15
2	55	25
3	55	45
4	95	55

No visualization selected

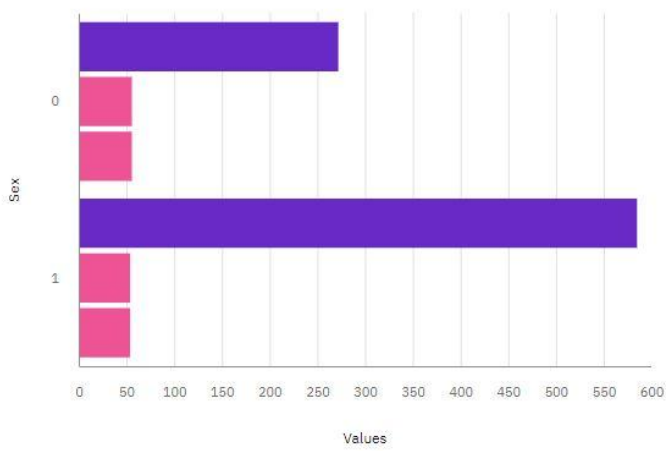
Select a visualization with analytics support to manage the analytics settings



### 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



## Fields

### Rows

Chest pain type

Click or drag data here

### Columns

Sex

Click or drag data here

### Points

Age

Click or drag data here

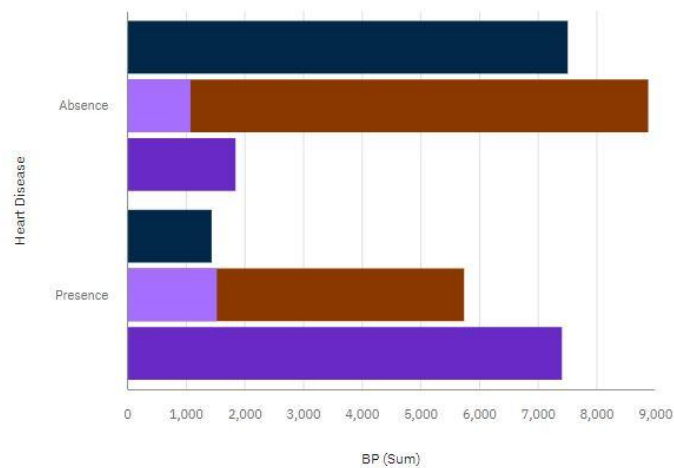
### Heat\*

Required field

BP by Heart Disease colored by Exercise angina and Sex

Exercise angina (Sum) - Sex (Sum)

0|0 0|1 1|0 1|1



### Bars

Heart Disease

Click or drag data here

### # Length\*

Required field

BP

Click or drag data here

### # y-start

Click or drag data here

### Target

Click or drag data here

### Color

Exercise angina