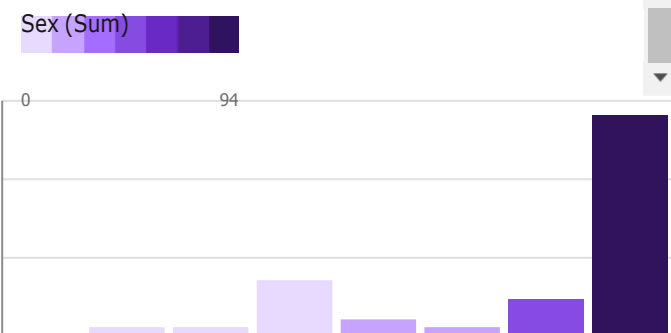
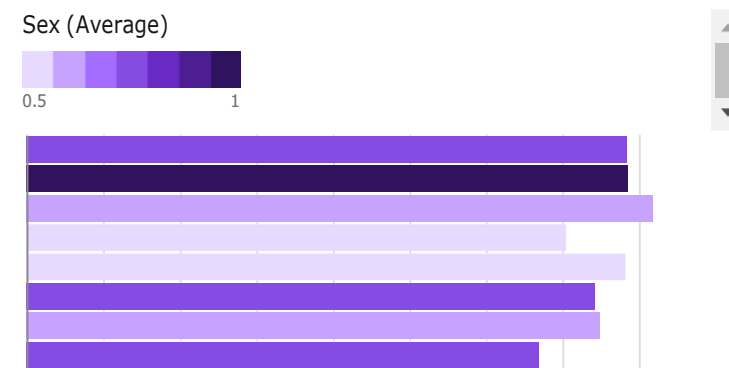


## Data Visualization

Date	05 November 2022
Team ID	PNT2022TMID39111
Project Name	Visualizing And Predicting Heart Diseases with An Interactive Dash Board

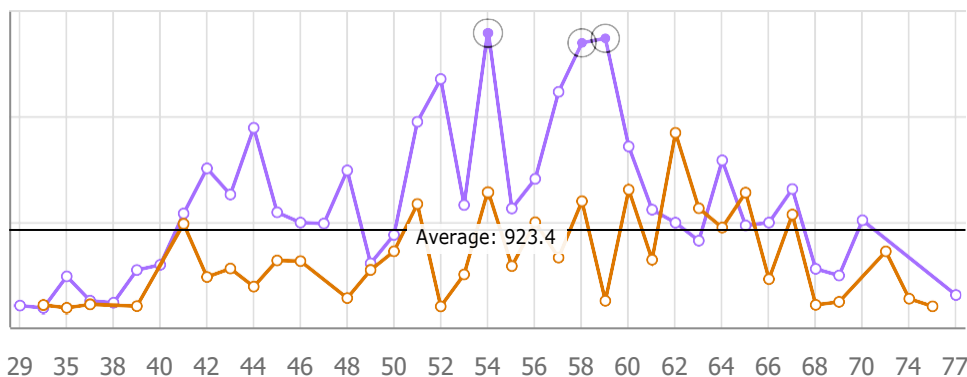
Tab 10

Exercise Angina by Sex and Chest Pain Type  
colored by SexMax Hr by Chest Pain Type and Exercise Angina  
colored by Sex

Heart Disease by Sex

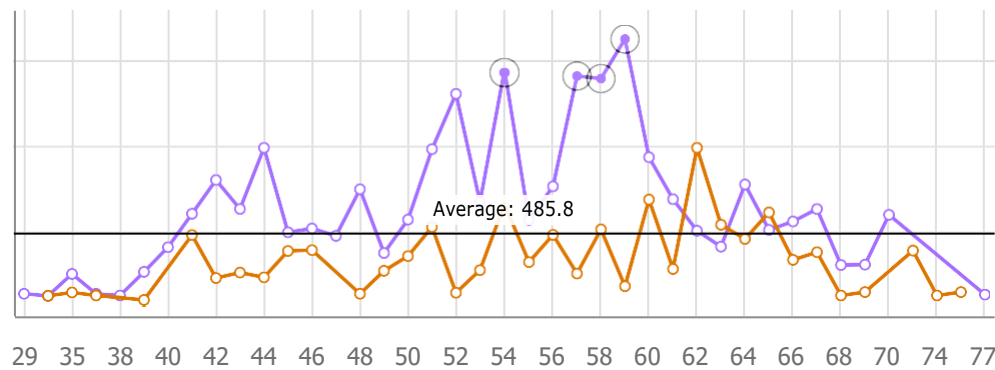
Cholesterol by Age colored by Sex

Sex  
0 1



Bp by Age colored by Sex

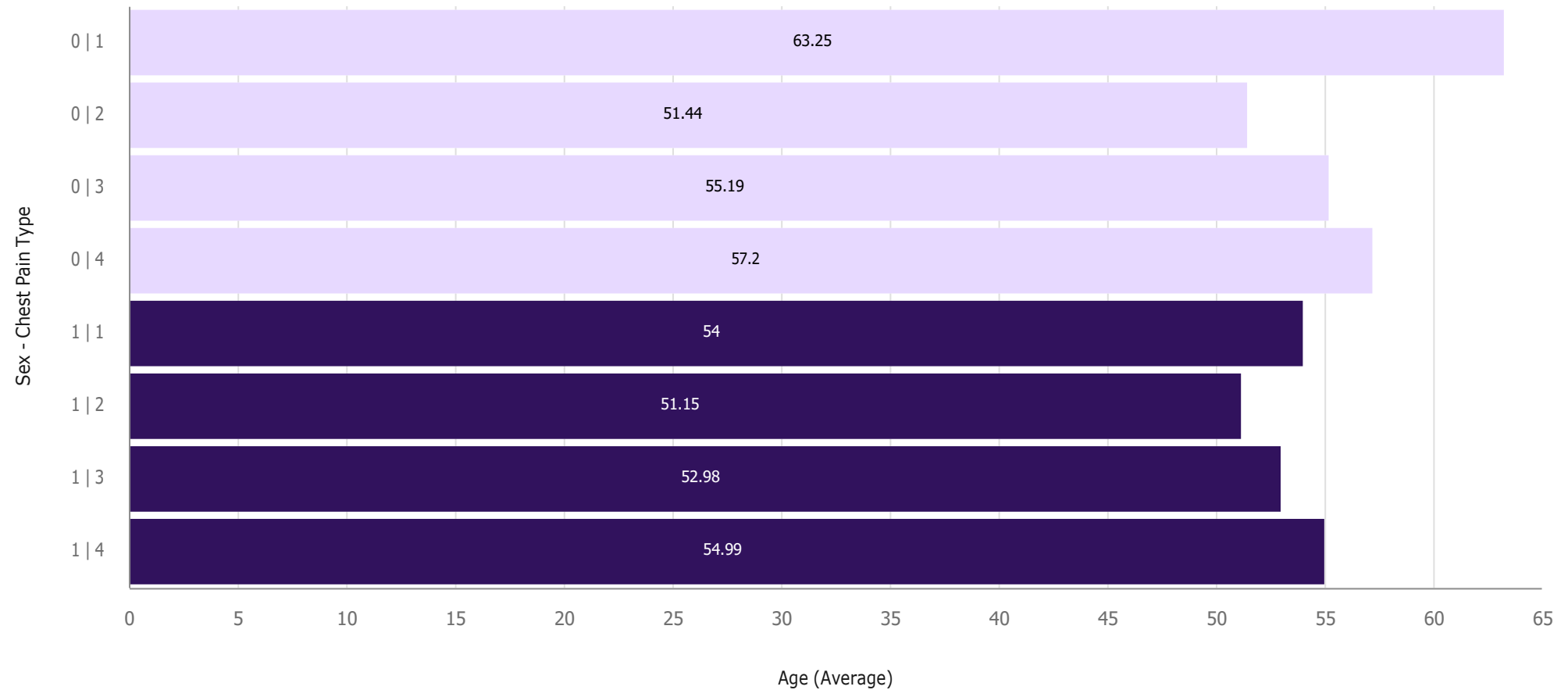
Sex  
0 1



Tab 1

## Age by Sex and Chest Pain Type colored by Male and Female

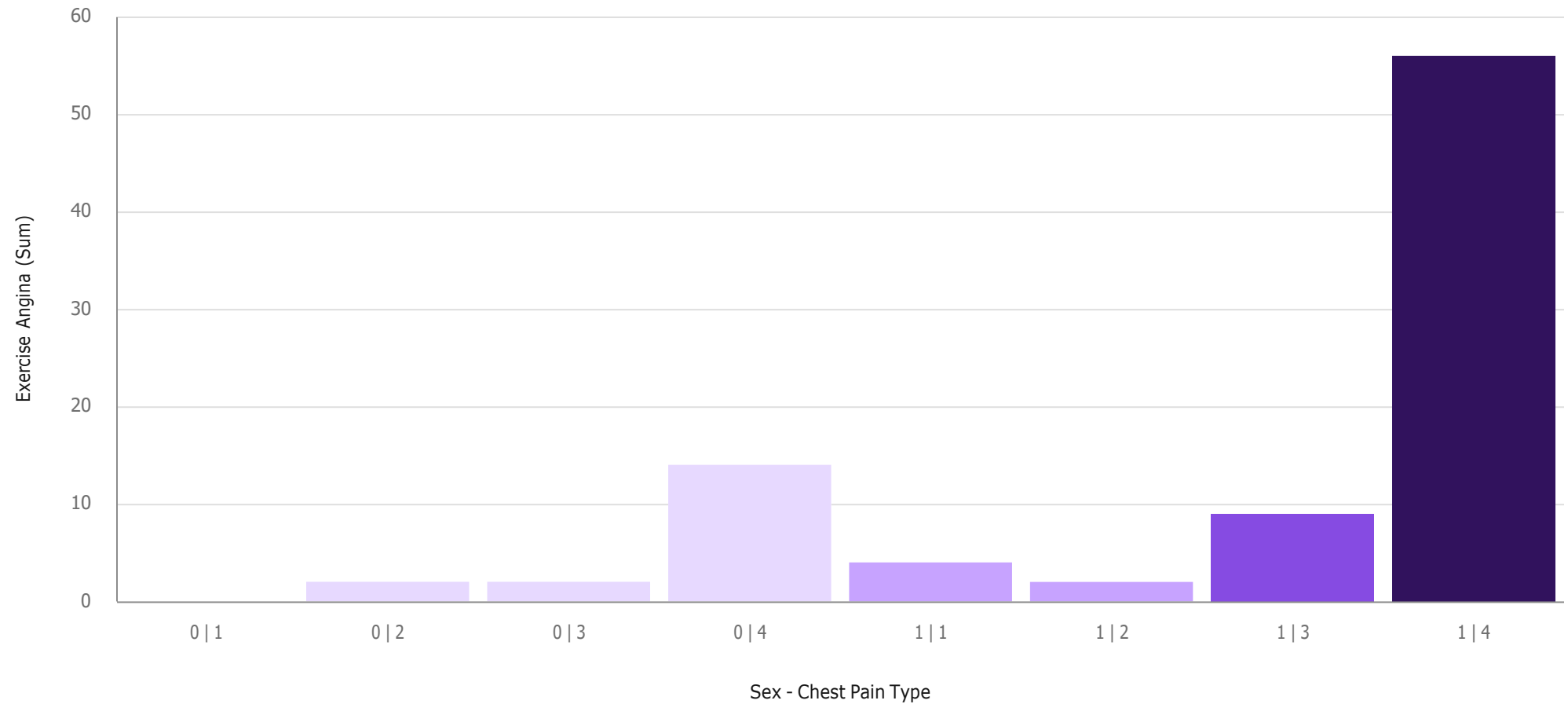
Sex (Average)



Tab 2

## Exercise Angina by Sex and Chest Pain Type colored by Sex

Sex (Sum)

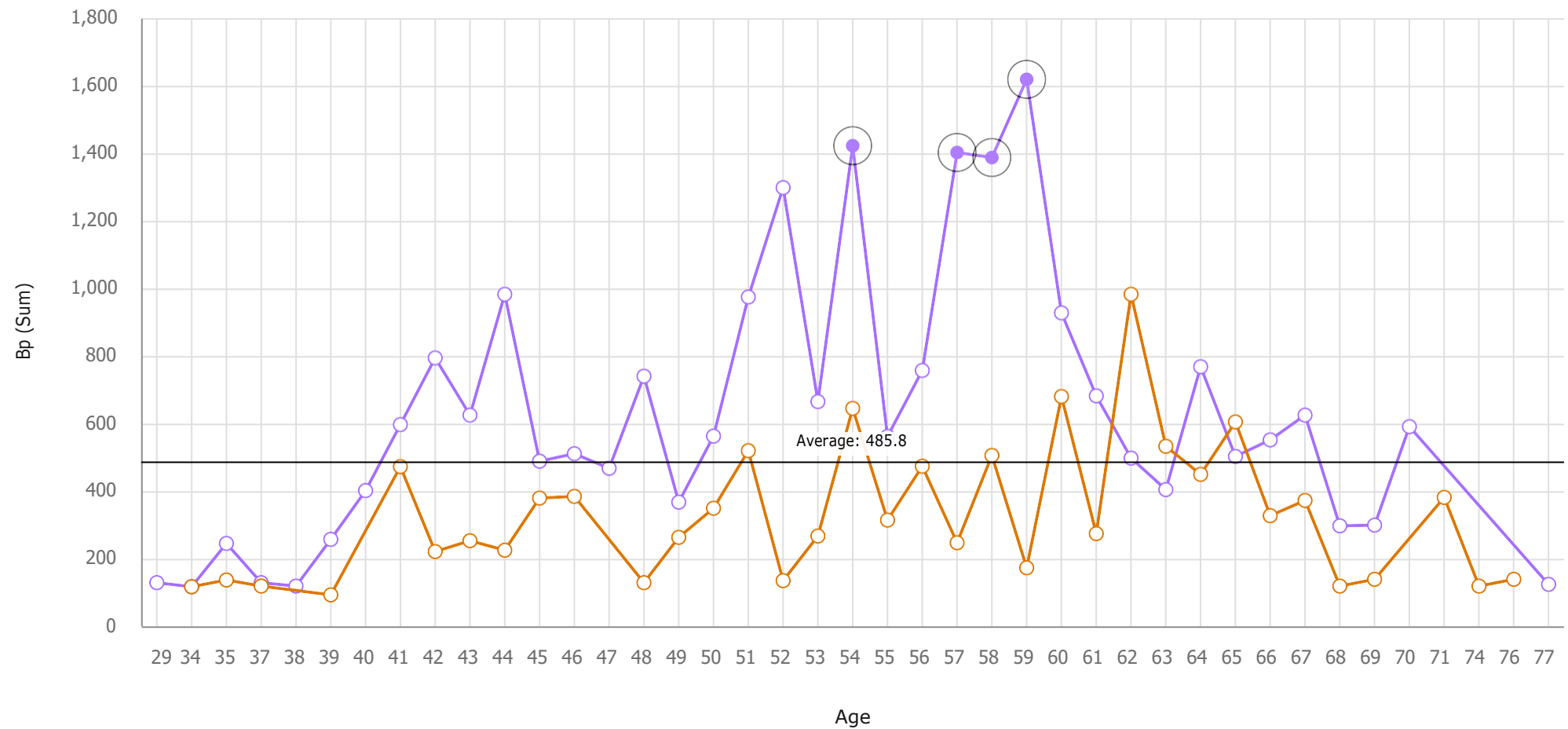


Tab 3

## Bp by Age colored by Sex

Sex

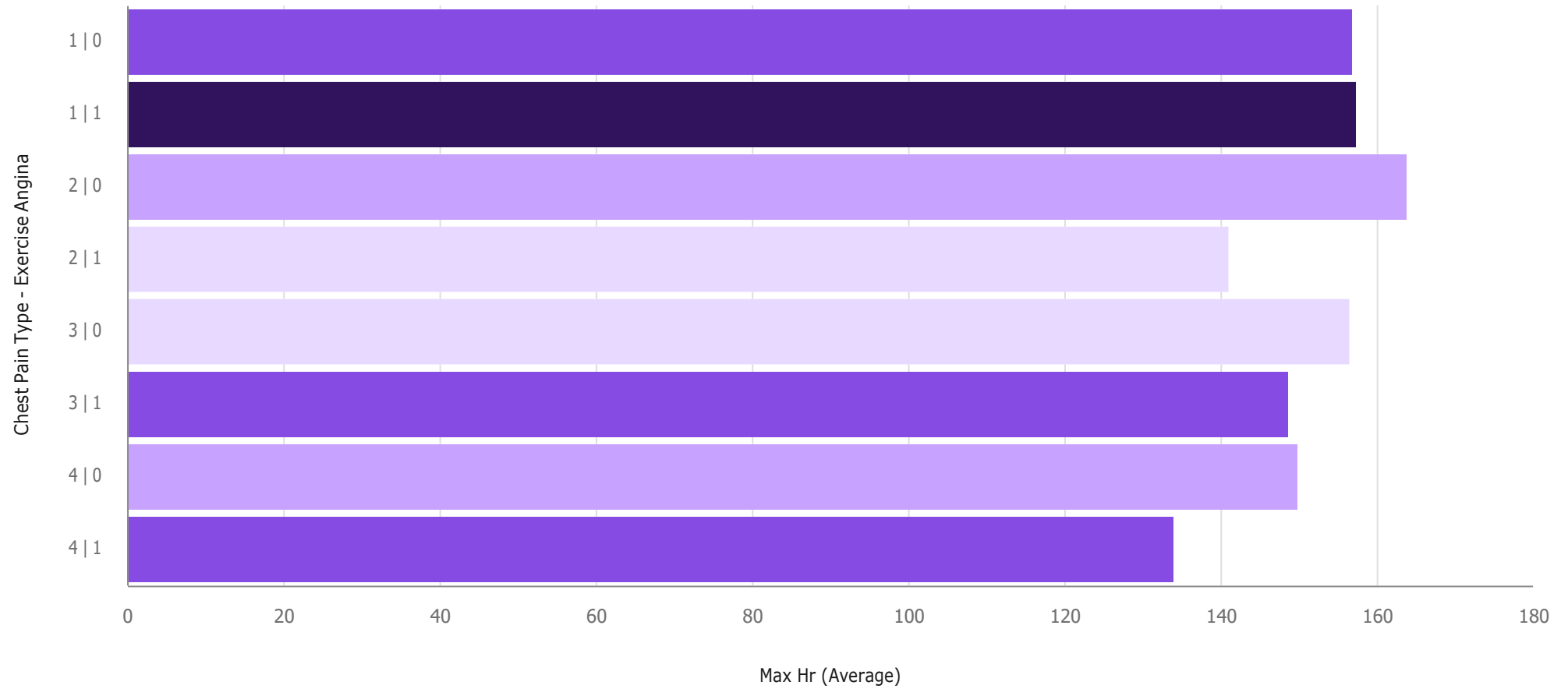
0 1



Tab 4

## Max Hr by Chest Pain Type and Exercise Angina colored by Sex

Sex (Average)



Tab 5

Heart Disease for Chest Pain Type and Sex

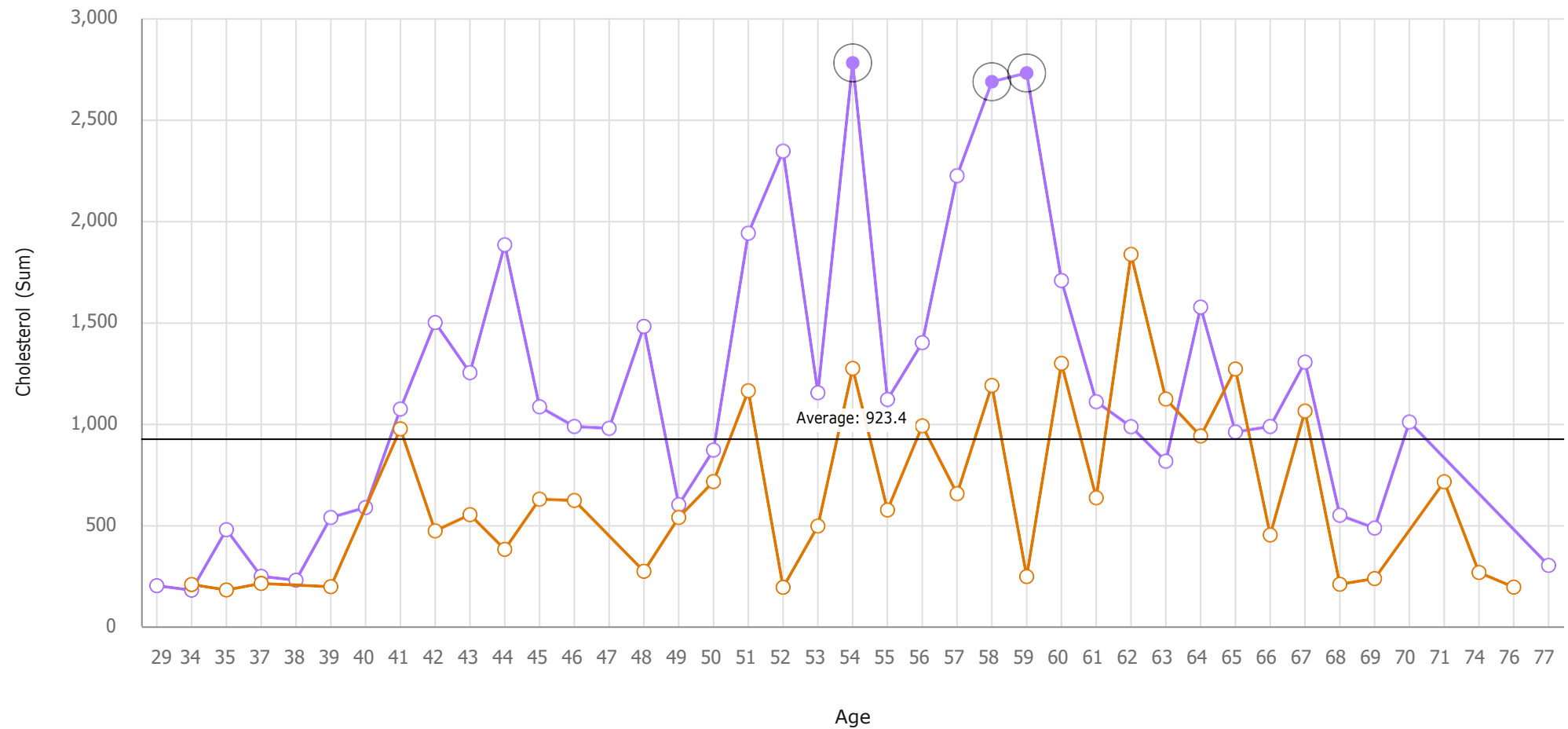
Heart Disease	1	2	3	4	Summary
0	4	16	32	35	87
1	16	26	47	94	183
Summary	20	42	79	129	270

Tab 6

## Cholesterol by Age colored by Sex

Sex

0 1



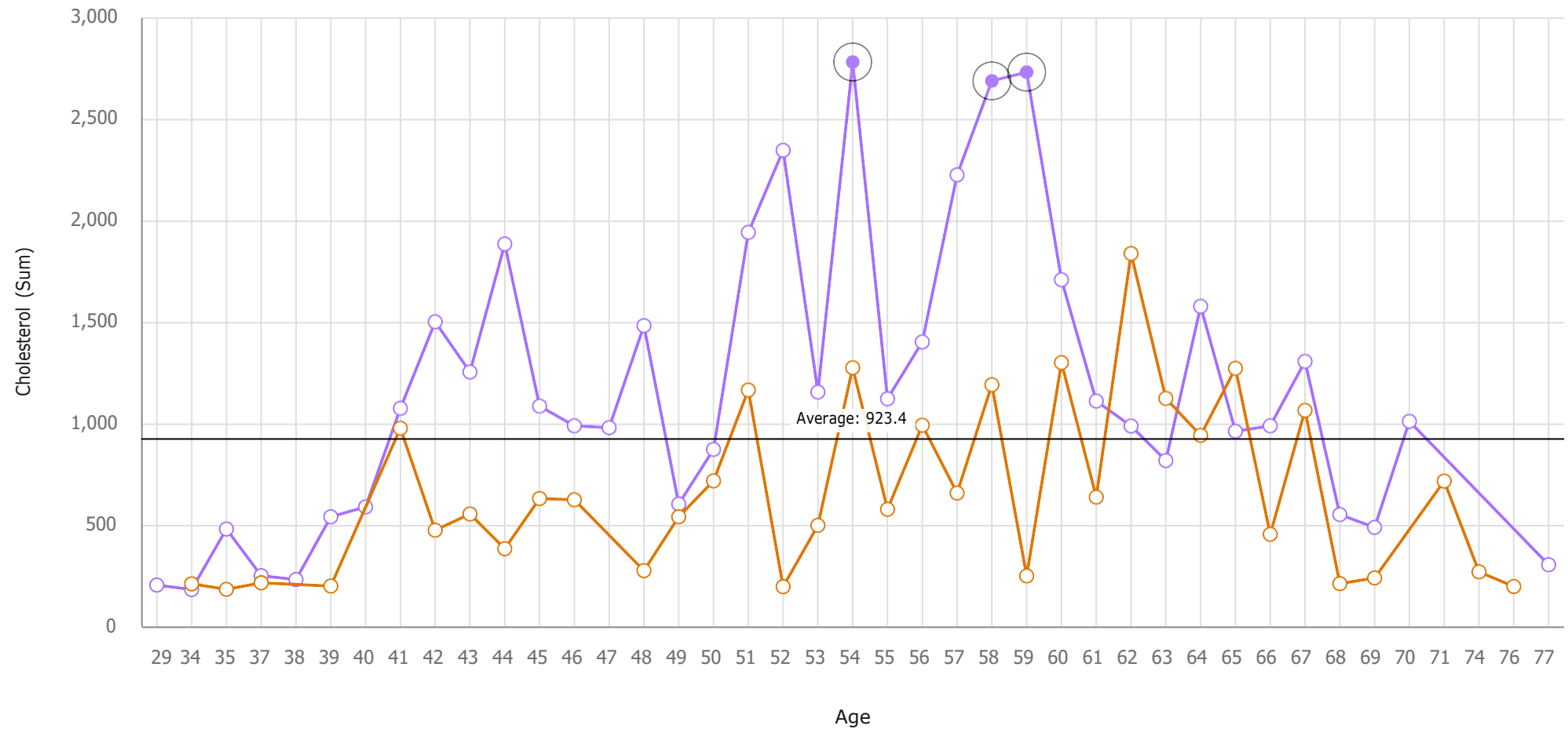


Tab 7

## Cholesterol by Age colored by Sex

Sex

0 1

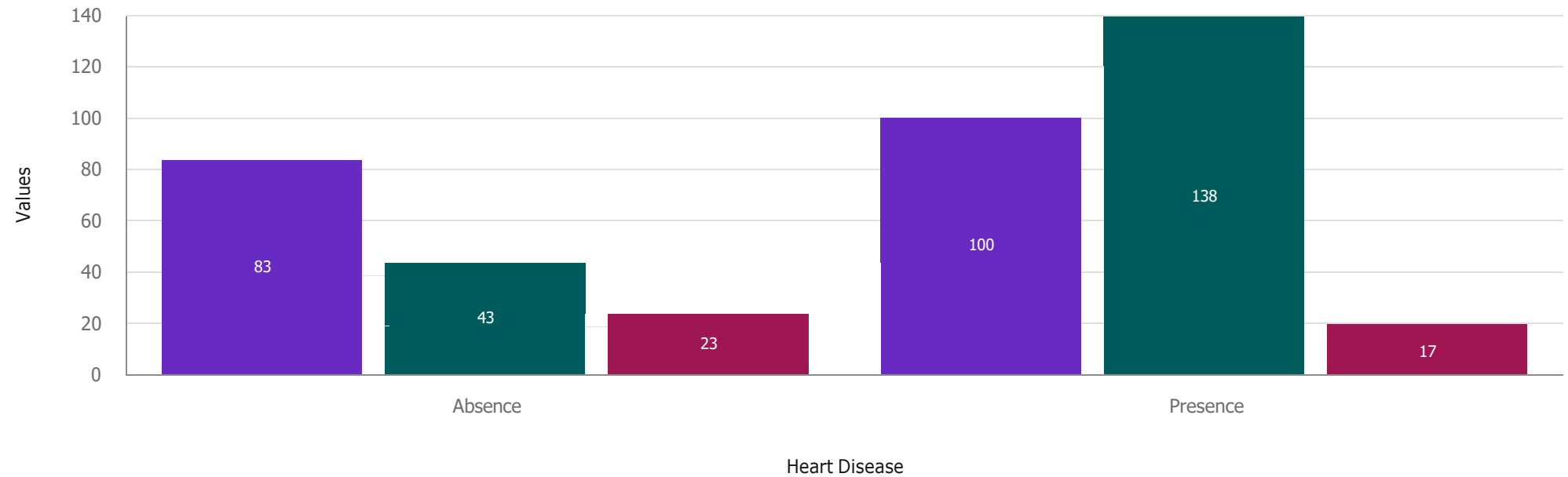


Tab 8

## Fbs Over 120, Number Of Vessels Fluro and Sex by Heart Disease

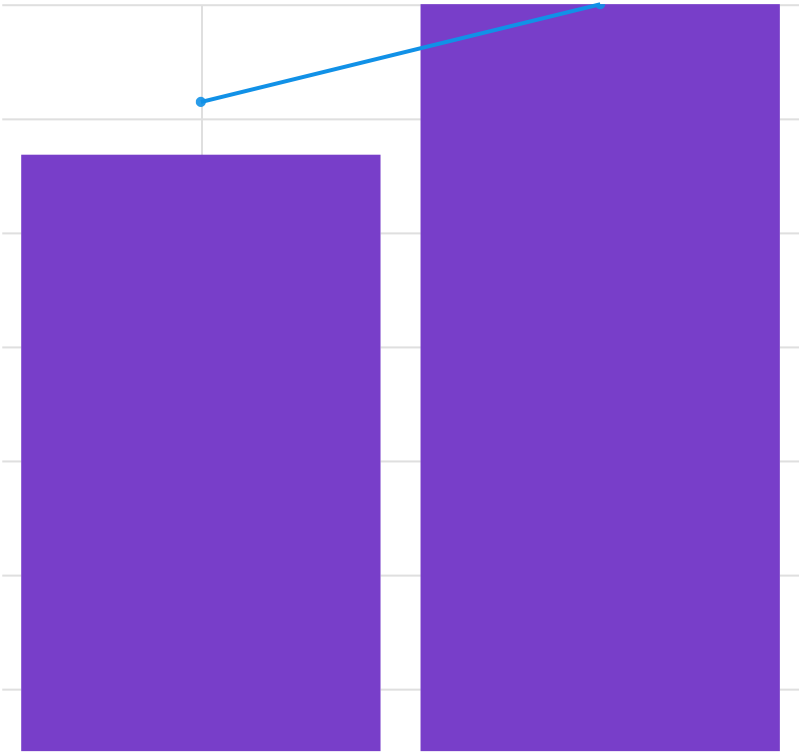
Measures

Sex      Number Of Vessels Fluro      Fbs Over 120



Tab 9

EKG Results and Thallium by Heart Disease

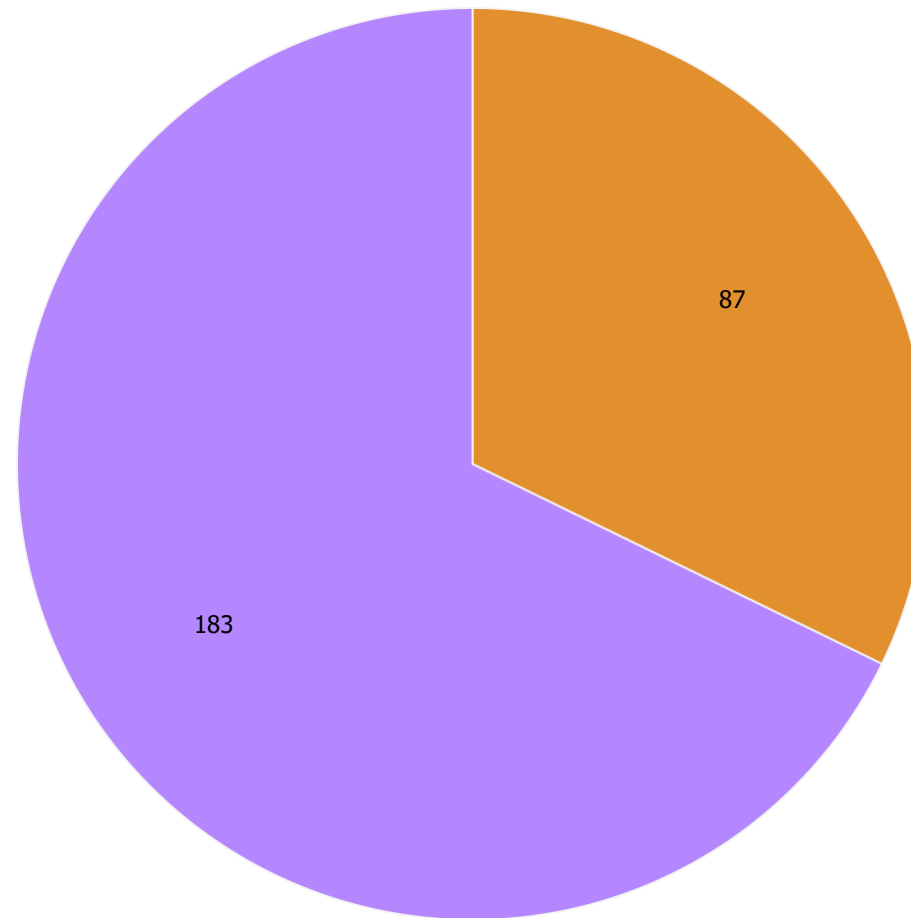


Tab 11

## Heart Disease by Sex

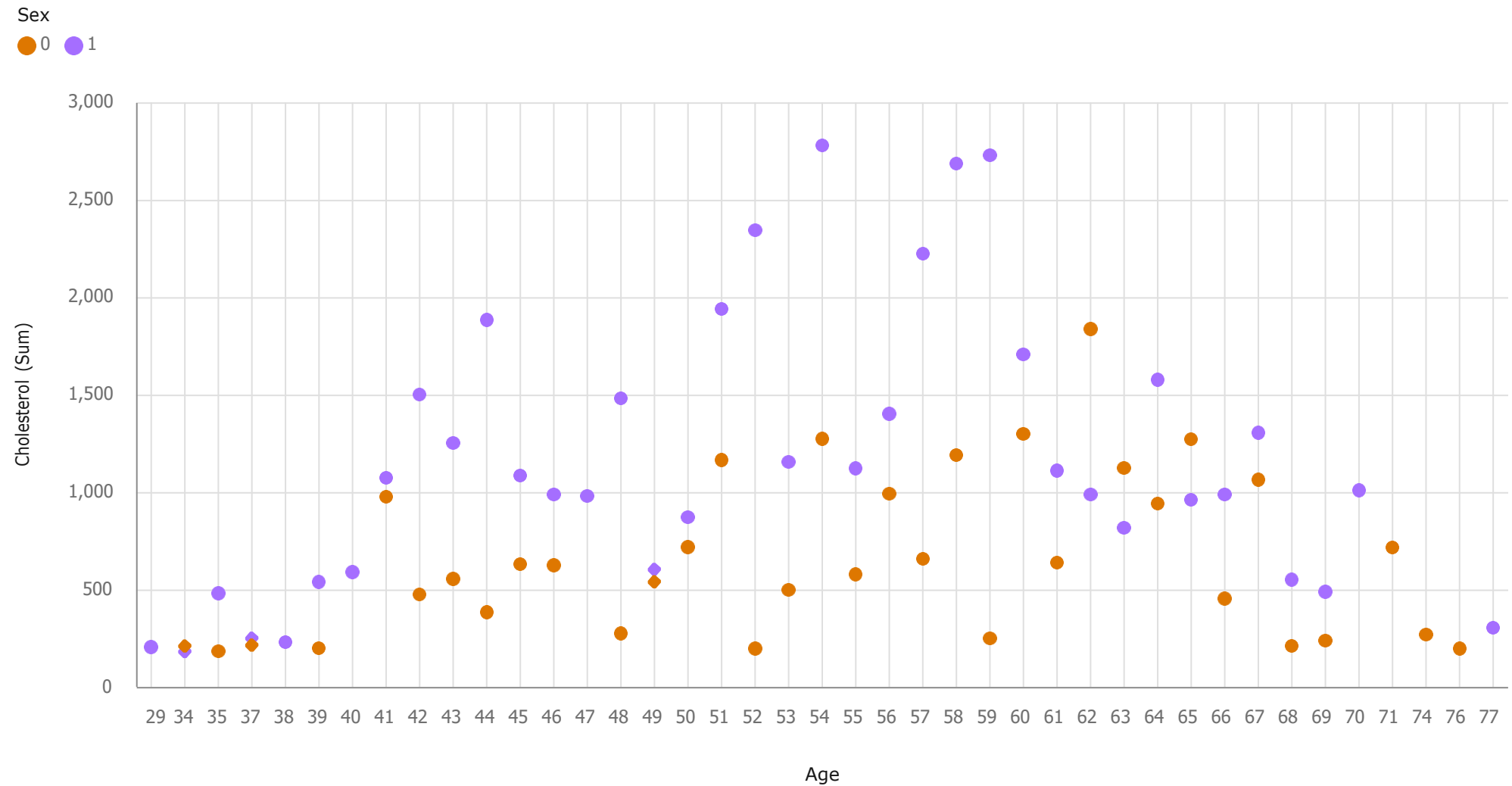
Sex

0 1



Tab 12

## Cholesterol by Age colored by Sex

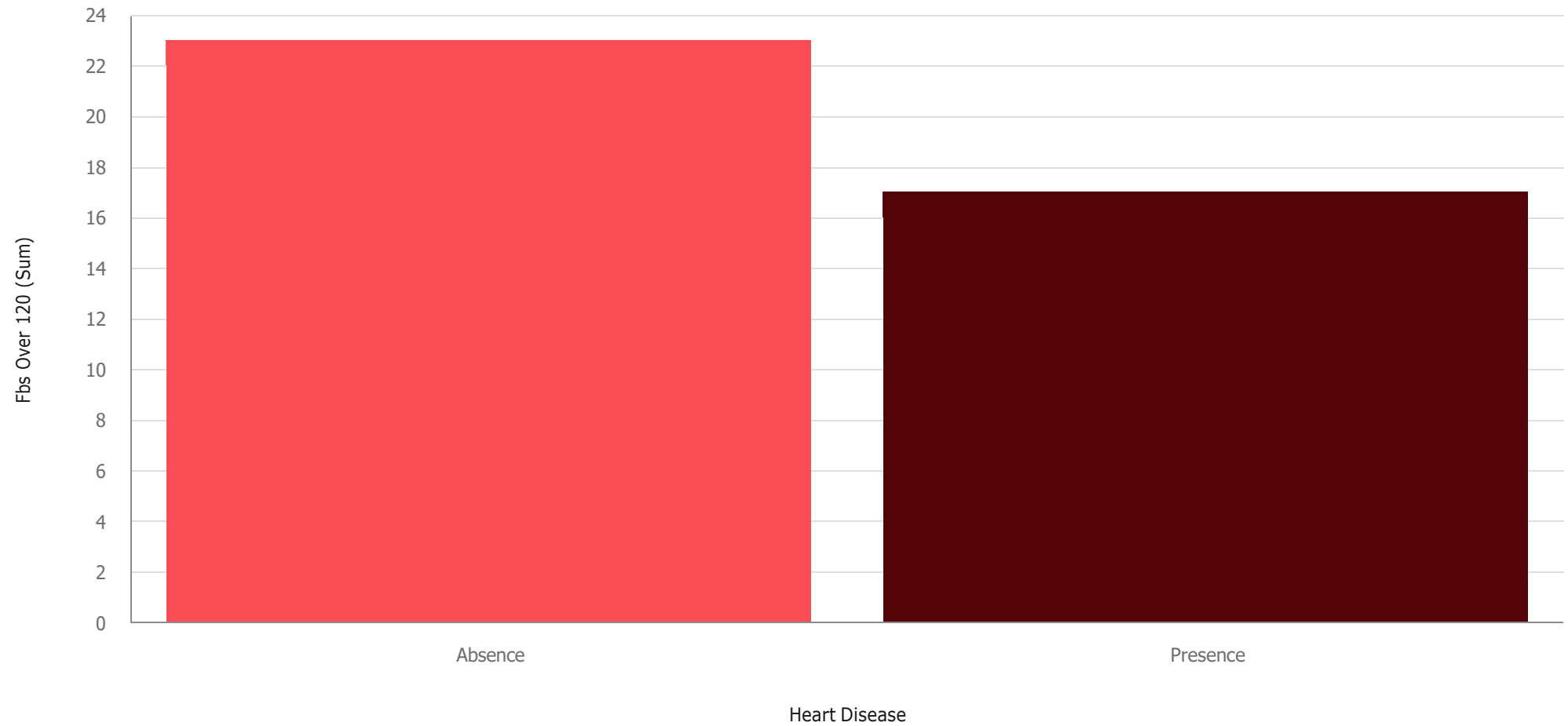


Tab 13

## Fbs Over 120 by Heart Disease colored by Heart Disease

Heart Disease

● Absence ● Presence



Data on this dashboard is provided by IBM Db2.

us1.ca.analytics.ibm.com/bi/?perspective=home

IBM Cognos Analytics with Watson

Heart disease prediction

Owner: GOPI S ... d6e682 | Created: 11/14/2022, 2:59 AM | Modified: 11/14/2022, 2:59 AM | Type: Connection

General Settings Schemas Permissions

Connection details [Edit >](#)

**Authentication method**

☒ Connect anonymously

☐ Prompt for the user ID and password

☐ Use an external namespace

☐ Use the following signon:

[Test](#) Not tested

[Save](#)

**Edit IBM Db2 connection**

JDBC URL:

jdbc:db2://21fecfd8-47b7-4937-840d-d791d0218660.bs2io90i08kb1od8lclg.databases.appdomain.cloud:31864/bludb:user=sk39731;password=DFmXAcZUQbxiGYDk;sslConnection=true;

Driver class name:

com.ibm.db2.jcc.DB2Driver

[Restore](#)

Example URL

Connection properties: ⓘ

[Cloud certificate details ⓘ](#)

[Close](#)

cloud.ibm.com/services/dashdb-for-transactions/cm%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aeu-gb%3Aa%2Fcf06d42a748b459ba707b2eb7ca8dc4...

IBM Cloud

Search resources and products...

Catalog Manage Vijay Aadhiya's Account

Resource list / Db2-gk Active [Add tags](#)

[Details](#) [Actions...](#)

Manage

Getting started

**Service credentials**

Connections

**Service credentials**

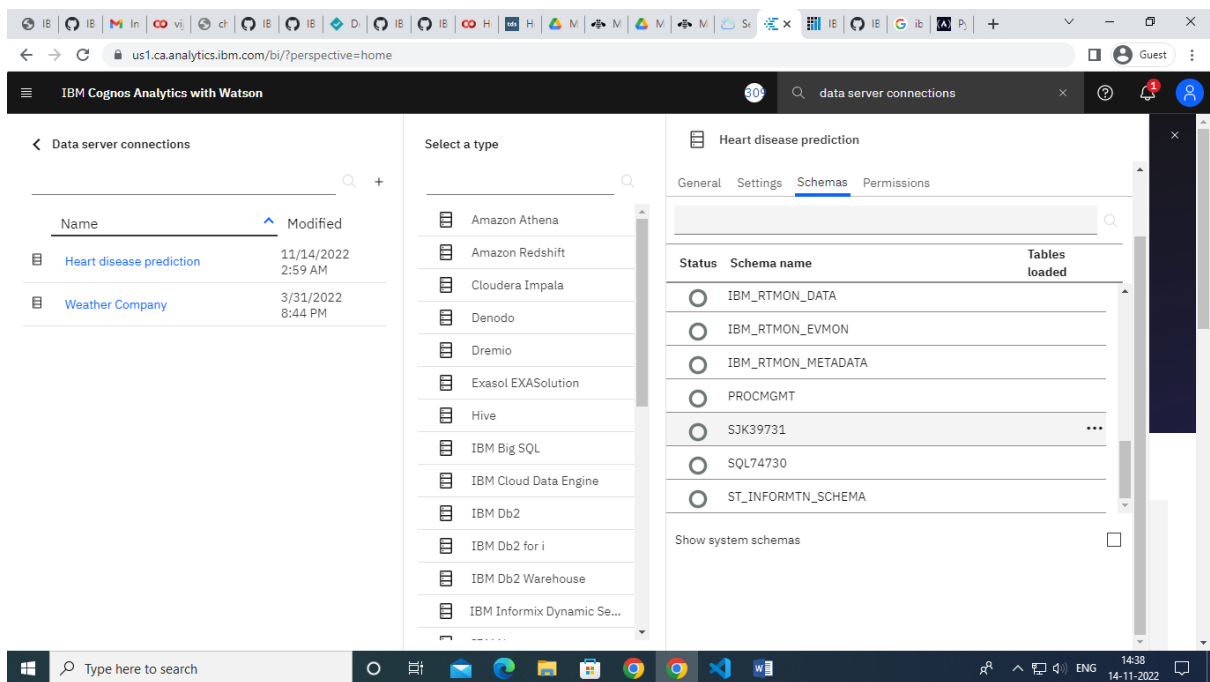
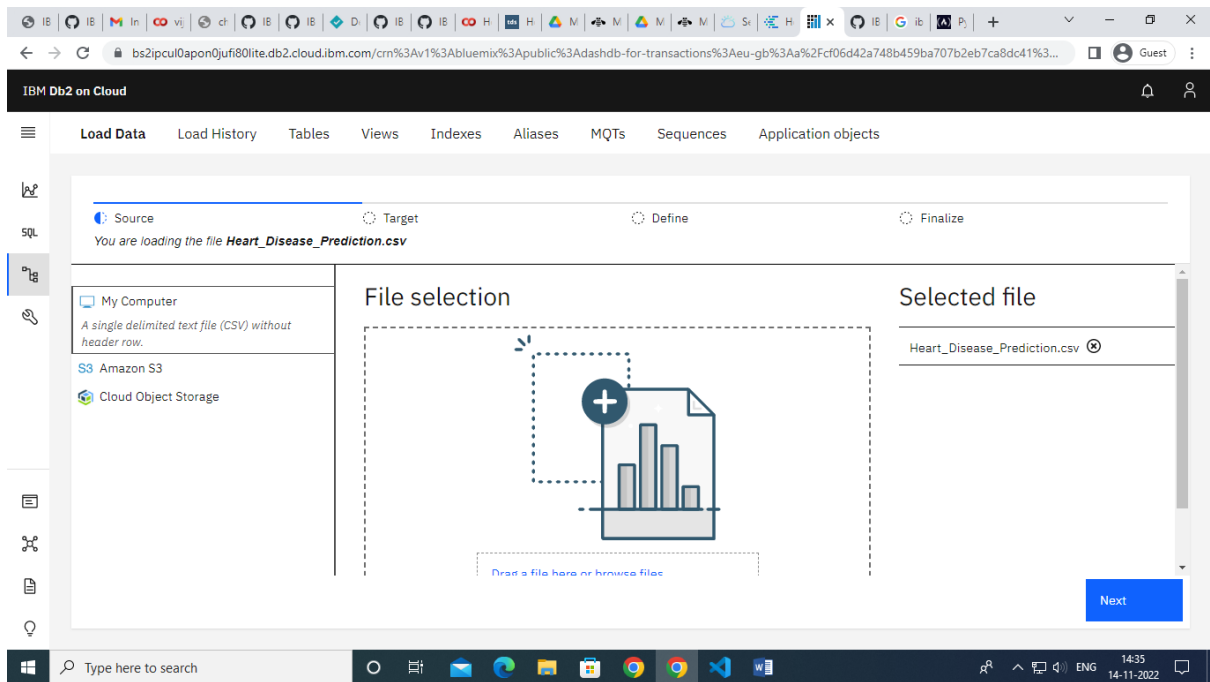
You can generate a new set of credentials for cases where you want to manually connect an app or external consumer to an IBM Cloud service. [Learn more](#)

Search credentials... [New credential](#)

Key name	Date created
Service credentials-1	2022-11-14 2:20 PM

```
{  "connection": {    "cli": {      "arguments": [        "-u",        "sk39731",        "-p",        "DFmXAcZUQbxiGYDk",        "--ssl",        "--sslCAFile",        "1dd14d0c-1b52-4f63-a606-53ecba28771d",        "--authenticationDatabase",        "admin",        "--connect"
```





Load Data Load History Tables Views Indexes Aliases MQTs Sequences Application objects

NCZ24141.WVD00782

Export to CSV

	AGE SMALLINT	SEX SMALLINT	CHEST_PAIN_T... SMALLINT	BP SMALLINT	CHOLESTEROL SMALLINT	FBS_OVER_120 SMALLINT	EKG_RESULTS SMALLINT	MAX_HR SMALLINT	EXERCISE_AN SMALLINT
29	42	1	2	120	295	0	0	162	0
30	42	1	1	148	244	0	2	178	0
31	42	0	3	120	209	0	0	173	0
32	42	1	4	136	315	0	0	125	1
33	43	1	4	115	303	0	0	181	0
34	43	1	4	150	247	0	0	171	0
35	43	1	4	120	177	0	2	120	1
36	43	0	4	132	341	1	2	136	1

IBM Cognos Analytics with Watson

Heart disease prediction

General Connections Permissions

Name Modified

Heart disease prediction 11/14/2022 4:00 AM

Heart disease prediction

General Settings Schemas Permissions

Status	Schema name	Tables loaded
<input type="radio"/>	AUDIT	
<input type="radio"/>	DB2INST1	
<input type="radio"/>	ERRORSCHEMA	
<input checked="" type="radio"/>	NCZ24141	1 / 1
<input type="radio"/>	SQL01770	

Show system schemas

Present data

Create sophisticated, multi-page, multi-query

us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=957208312\_ffd8e5a57cc24783a40112378219cf12\_sessionTemp&objRef=&tid=957208312\_ffd8e5a57cc24783a...

IBM Cognos Analytics with Watson

Maintenance: Scheduled maintenance complete

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More info

Properties

Data module

New data module

Navigation paths

Wvd 00782

Age

Sex

Chest Pain Type

Bp

Cholesterol

Fbs Over 120

EKG Results

Max Hr

Exercise Angina

St Depression

Slope Of St

Number O...ls Fluro

Grid

Relationships

Custom tables

Preview data

To preview data, select a table, a column in a table, or a folder that contains columns.

Type here to search

15:33 14-11-2022

us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=957208312\_ffd8e5a57cc24783a40112378219cf12\_sessionTemp&objRef=&tid=957208312\_ffd8e5a57cc24783a...

IBM Cognos Analytics with Watson

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Properties

Data module

New data module

Navigation paths

Wvd 00782

Age

Sex

Chest Pain Type

Bp

Cholesterol

Fbs Over 120

EKG Results

Max Hr

Exercise Angina

St Depression

Slope Of St

Number O...ls Fluro

Grid

Relationships

Custom tables

Age	Sex	Chest Pain Type	Bp	Cholesterol	Fbs Over 120
70	1	4	130	322	0
67	0	3	115	564	0
57	1	2	124	261	0
64	1	4	128	263	0
74	0	2	120	269	0
65	1	4	120	177	0
56	1	3	130	256	1
59	1	4	110	239	0
60	1	4	140	293	0
63	0	4	150	407	0
59	1	4	135	234	0

Type here to search

15:35 14-11-2022