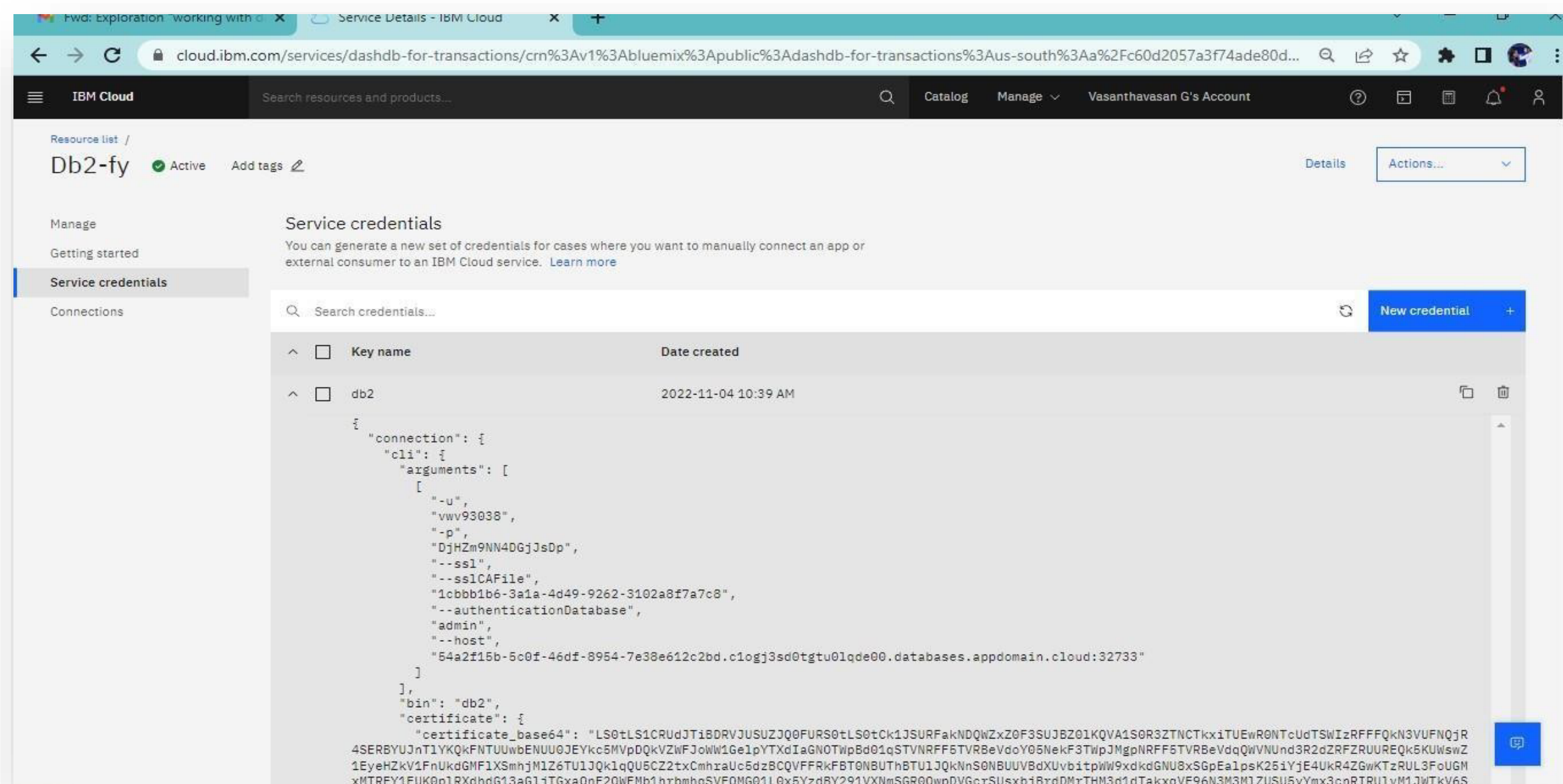
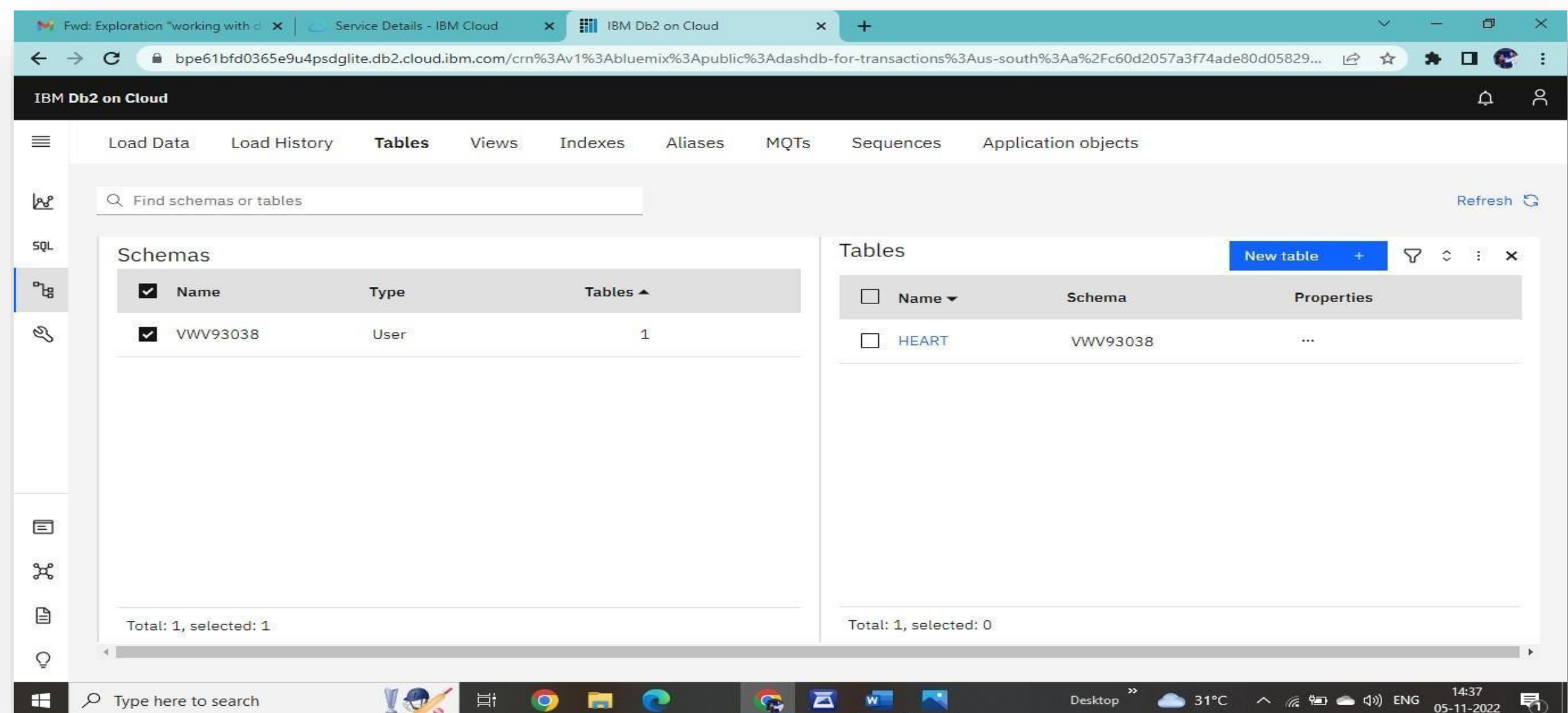


Working with Dataset

Date	14th November 2022
Team ID	PNT2022TMID35064
Project Name	Visualizing And PredictingHeart Diseases with An Interactive Dash Board

Loading and Understanding the Dataset



Successfully created Db2 Service Credential

**Successfully connected IBM Cloud Db2 to
CognosAnalytics**

Search results - vasi1062001@g... x My IBM x Heart disease data module x WORKING WITH DATASE1.pdf x

us3.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=iffa1043595BA4C039945065494B21E89&objRef=iffa1043595BA4C039945065494B21E89&tid=28...

IBM Cognos Analytics with Watson Heart disease data module

Search content

Properties

Data module

Search

Heart disease data module

Navigation paths

Heart

Age

Sex

Chest Pain Type

Bp

Cholesterol

Fbs Over 120

EKG Results

Max Hr

Exercise Angina

St Depression

Slope Of St

Number Of ...els Fluro

Thallium

Heart Disease

Grid Relationships Custom tables

Age	Sex	Chest Pain Type	Bp	Cholesterol	Fbs Over 120	EKG Results	Max Hr
70	1	4	130	322	0	2	109
67	0	3	115	564	0	2	160
57	1	2	124	261	0	0	141
64	1	4	128	263	0	0	105
74	0	2	120	269	0	2	121
65	1	4	120	177	0	0	140
56	1	3	130	256	1	2	142
59	1	4	110	239	0	2	142
60	1	4	140	293	0	2	170
63	0	4	150	407	0	2	154
59	1	4	135	234	0	0	161
53	1	4	142	226	0	2	111
44	1	3	140	235	0	2	180
61	1	1	134	234	0	0	145
57	0	4	128	303	0	2	159

Type here to search

Desktop 31°C

15:08 05-11-2022

Home x Service Details - IBM Cloud x IBM Db2 on Cloud x

us3.ca.analytics.ibm.com/bi/?perspective=home

IBM Cognos Analytics with Watson

Search content

Data server connections

Name	Modified
Weather Company	3/31/2022 10:38 PM
db2 database1	11/4/2022 12:12 AM

db2 database1

Owner: VASAN ... 206bd2

Created: 11/4/2022, 12:12 AM

Modified: 11/4/2022, 12:12 AM

Type: Data Server

General Connections Permissions

Name	Modified
db2 database1	11/4/2022 12:12 AM

db2 database1

Owner: VASAN ... 206bd2

Created: 11/4/2022, 12:12 AM

Modified: 11/4/2022, 12:12 AM

Type: Connection

General Settings Schemas Permissions

Status	Schema name	Tables loaded
<input type="radio"/>	AUDIT	
<input type="radio"/>	DB2INST1	
<input type="radio"/>	ERRORSCHEMA	
<input type="radio"/>	SQL10396	
<input type="radio"/>	SQL37109	
<input checked="" type="radio"/>	VWV93038	1 / 1

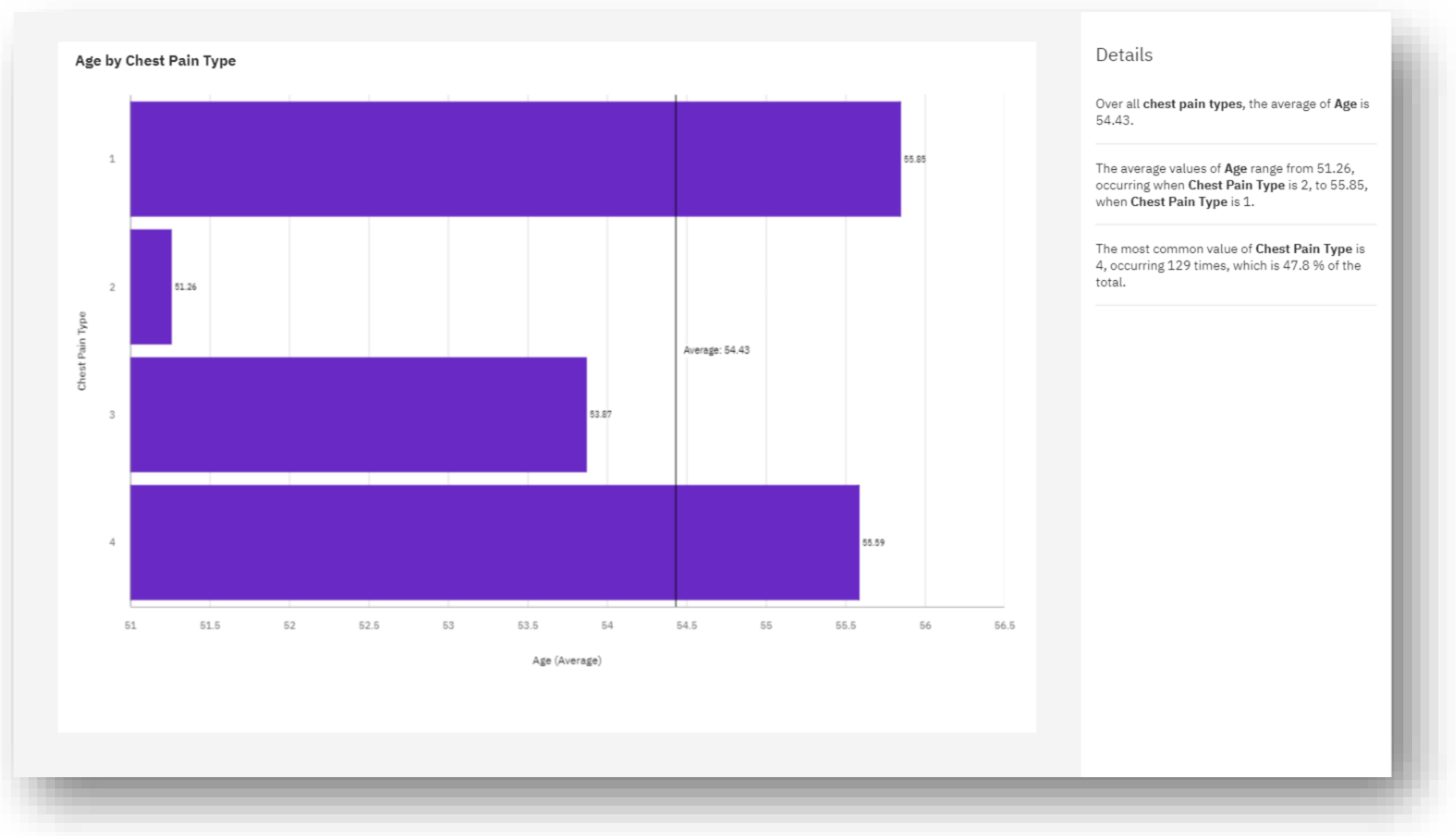
Show system schemas

ted, multi-page, boards, reports, or

Type here to search

Desktop 31°C

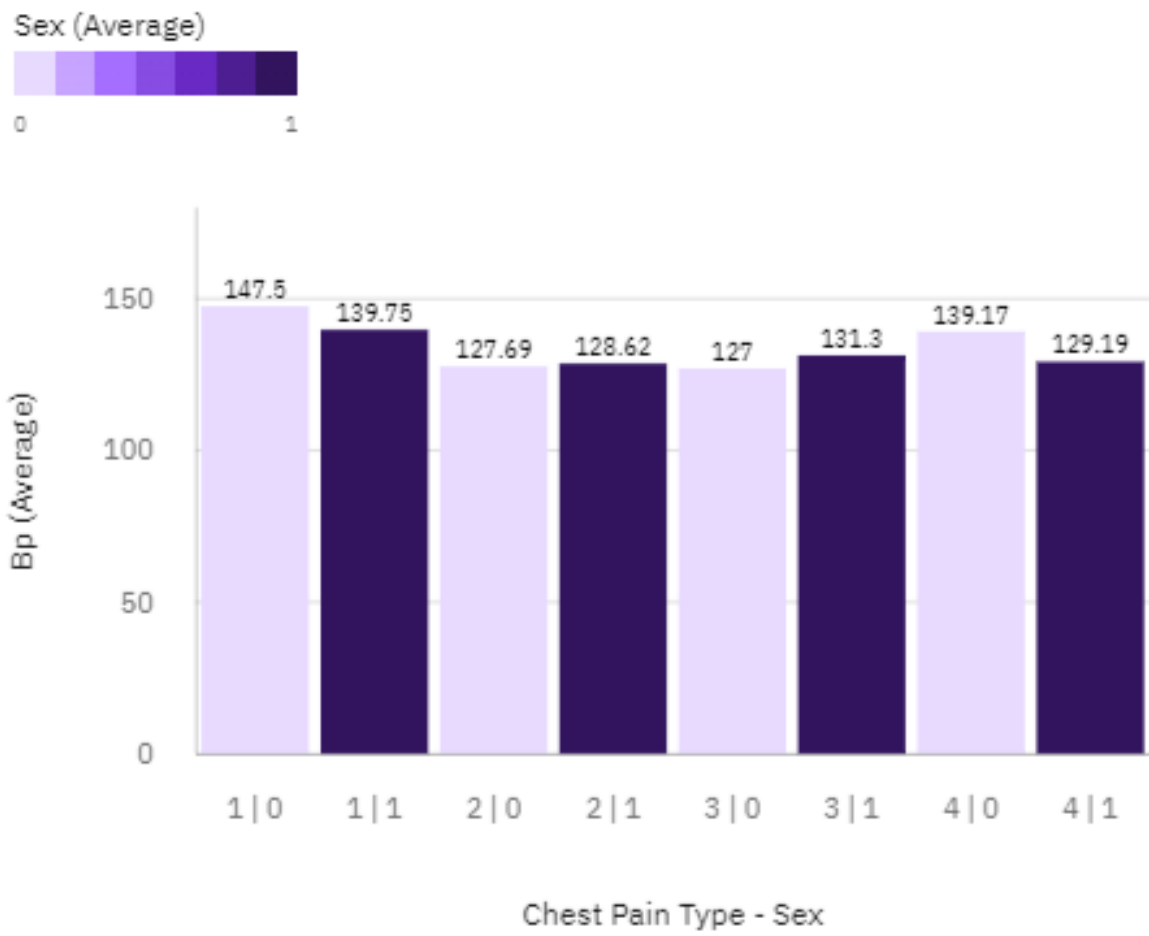
13:46 04-11-2022



Data Preparation (Data Module) Exploration of Data: Age by Chest pain type

Exploration of Bp vs Chest pain type and Gender

Bp by Chest Pain Type and Sex colored by Sex



Details

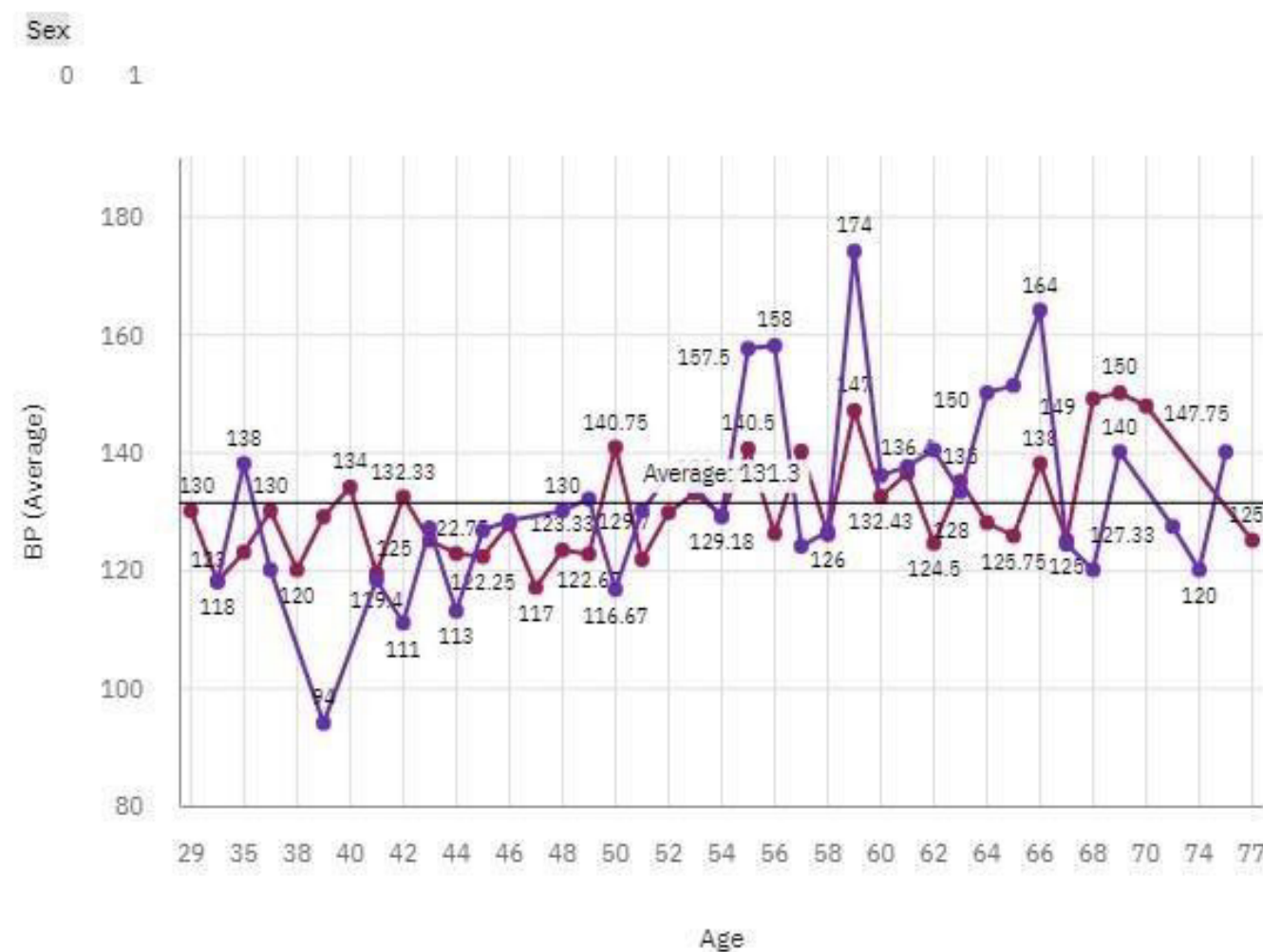
The most common value of **Chest Pain Type - Sex** is 2|1, occurring 129 times, which is 47.8 % of the total.

The total number of results for **Sex** is 270.

Over all **chest pain type - sexes**, the average of **Bp** is 0.6778.

The average values of **Bp** range from 0, occurring when **Chest Pain Type - Sex** is 1|0, to 1, when **Chest Pain Type - Sex** is 1|0.

BP by Age colored by Sex



Details

The most common values of **Age** are 54 (5.9 %) and 58 (5.6 %), together occurring 31 times, which is 11.5 % of the total.

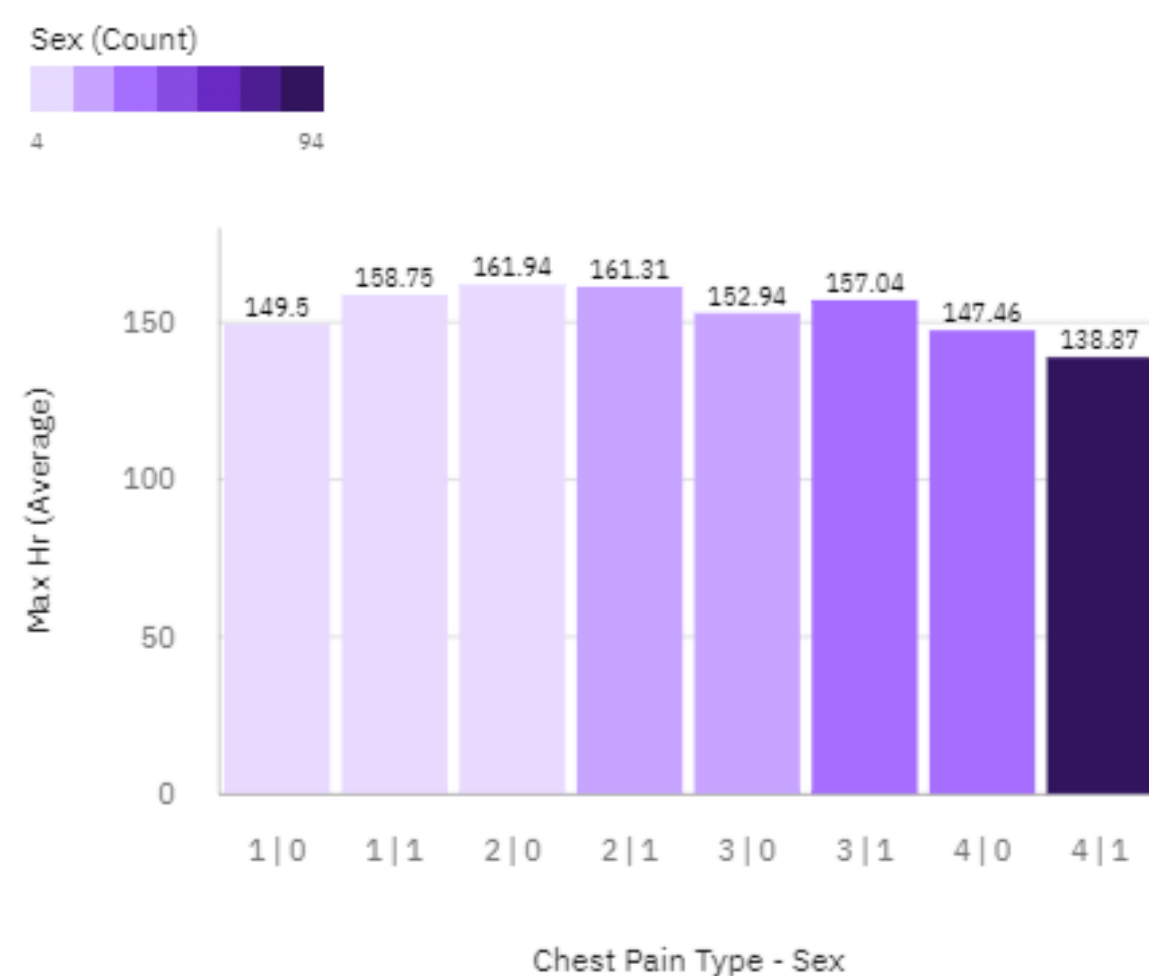
BP is unusually high when **Age** is 59.

The most common value of **Sex** is 1, occurring 183 times, which is 67.8 % of the total.

Over all **ages** and **sexes**, the average of **BP** is 131.3.

The average values of **BP** range from 94 to 174.

Max Hr by Chest Pain Type and Sex colored by Sex



Fields

Bars

Chest Pain Type

Sex

Click or drag data here

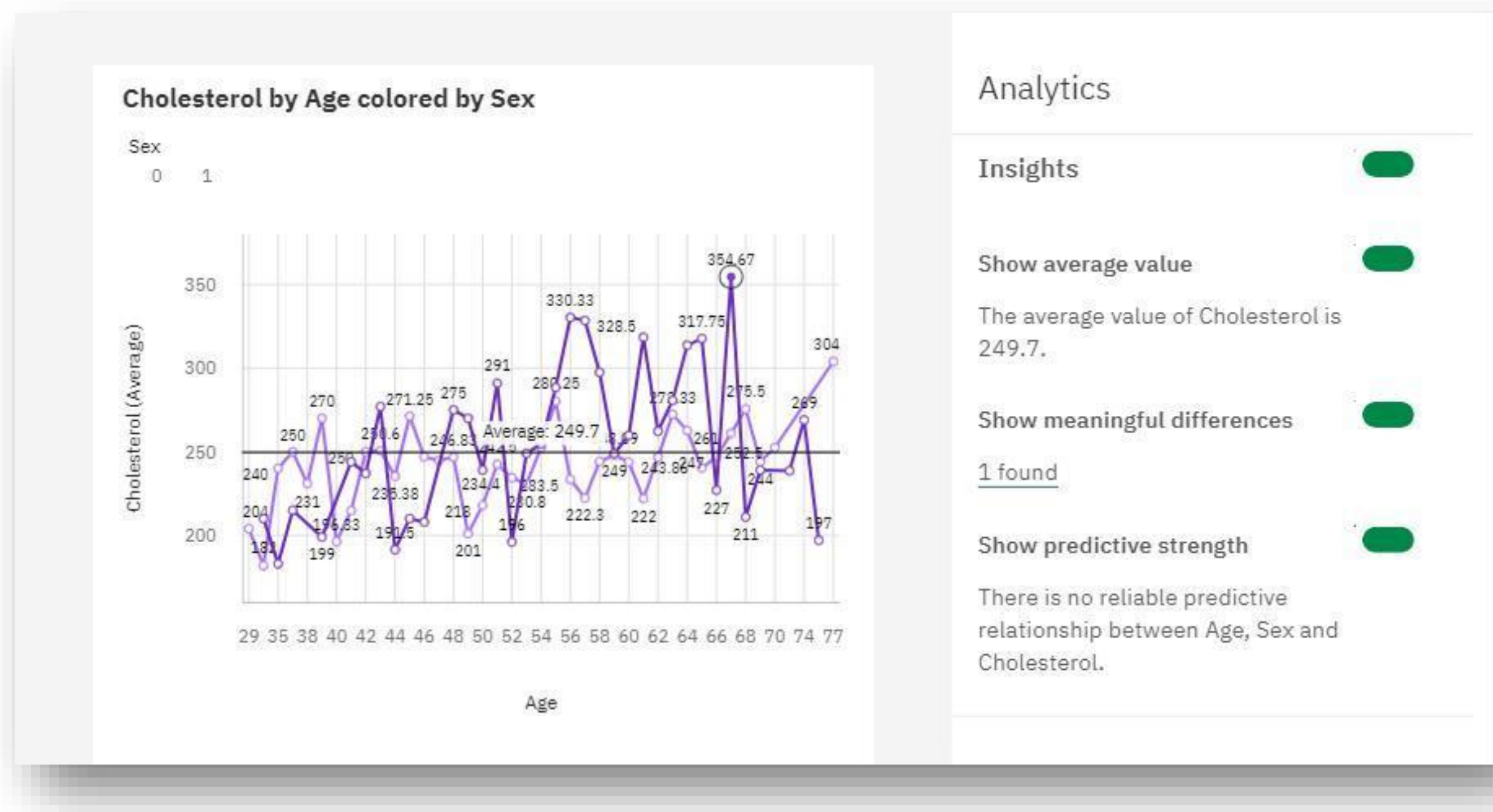
Length* Required field

Max Hr

Click or drag data here

y-start

Click or drag data here



Exploration of Cholesterol by Age and Gender