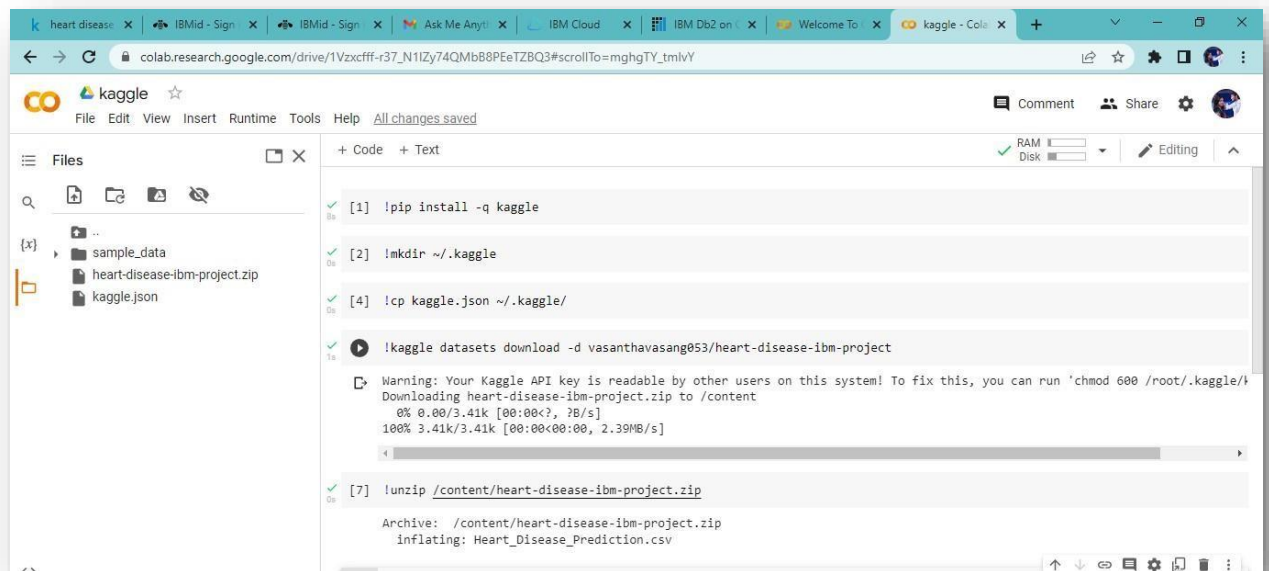


Working with Dataset

Date	05 November 2022
Team ID	PNT2022TMID01568
Project Name	Visualizing And Predicting Heart Diseases with An Interactive Dash Board

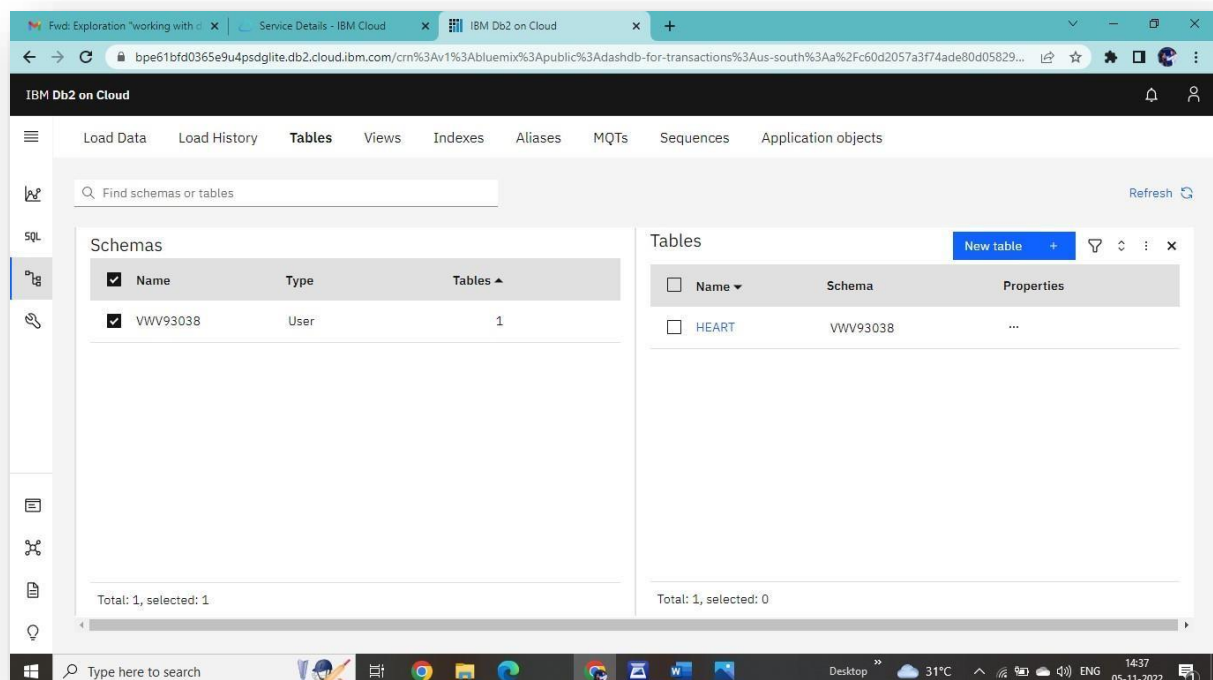
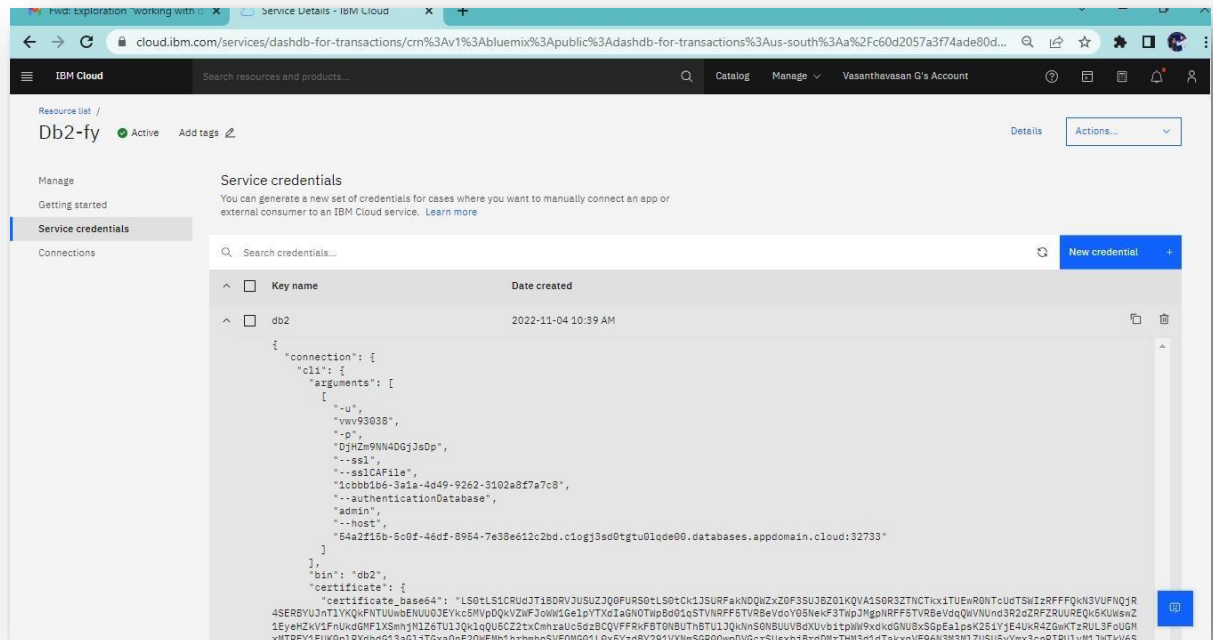
Loading and Understanding the Dataset



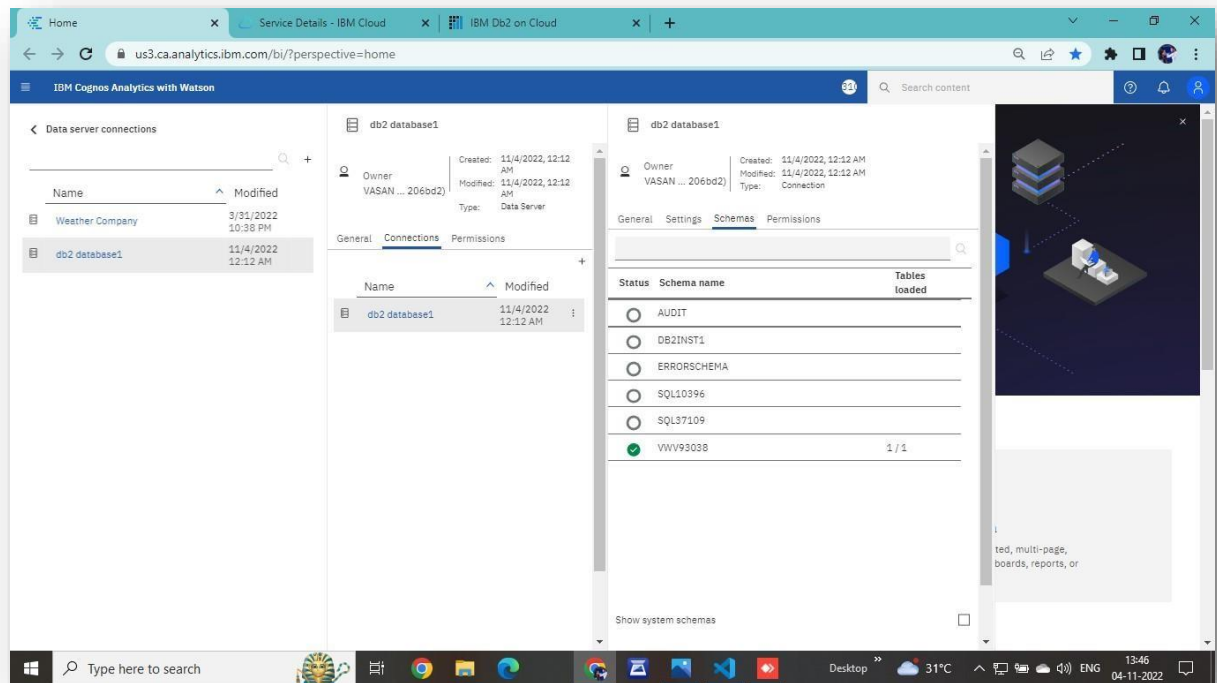
The screenshot shows a Google Colab notebook interface. The left sidebar displays the file explorer with a folder named 'sample_data' containing 'heart-disease-ibm-project.zip' and 'kaggle.json'. The main area shows a code cell with the following commands:

```
[1] !pip install -q kaggle
[2] !mkdir ~/.kaggle
[4] !cp kaggle.json ~/.kaggle/
[5] !kaggle datasets download -d vasanthavasang053/heart-disease-ibm-project
Warning: Your Kaggle API key is readable by other users on this system! To fix this, you can run 'chmod 600 /root/.kaggle/'
Downloading heart-disease-ibm-project.zip to /content
0% 0.00/3.41k [00:00<?, ?B/s]
100% 3.41k/3.41k [00:00<00:00, 2.39MB/s]
[7] !unzip /content/heart-disease-ibm-project.zip
Archive: /content/heart-disease-ibm-project.zip
Inflating: Heart_Disease_Prediction.csv
```

Successfully created Db2 Service Credential



Successfully connected IBM Cloud Db2 to Cognos Analytics



Data Preparation (Data Module)

Search results - vasi1062001@... X

My IBM X

Heart disease data module X

WORKING WITH DATASET1.pdf X

X

X

us3.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=iffA1043595BA4C039945065494B21E89&objRef=iffA1043595BA4C039945065494B21E89&ttid=28...

Search content

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

T1	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	

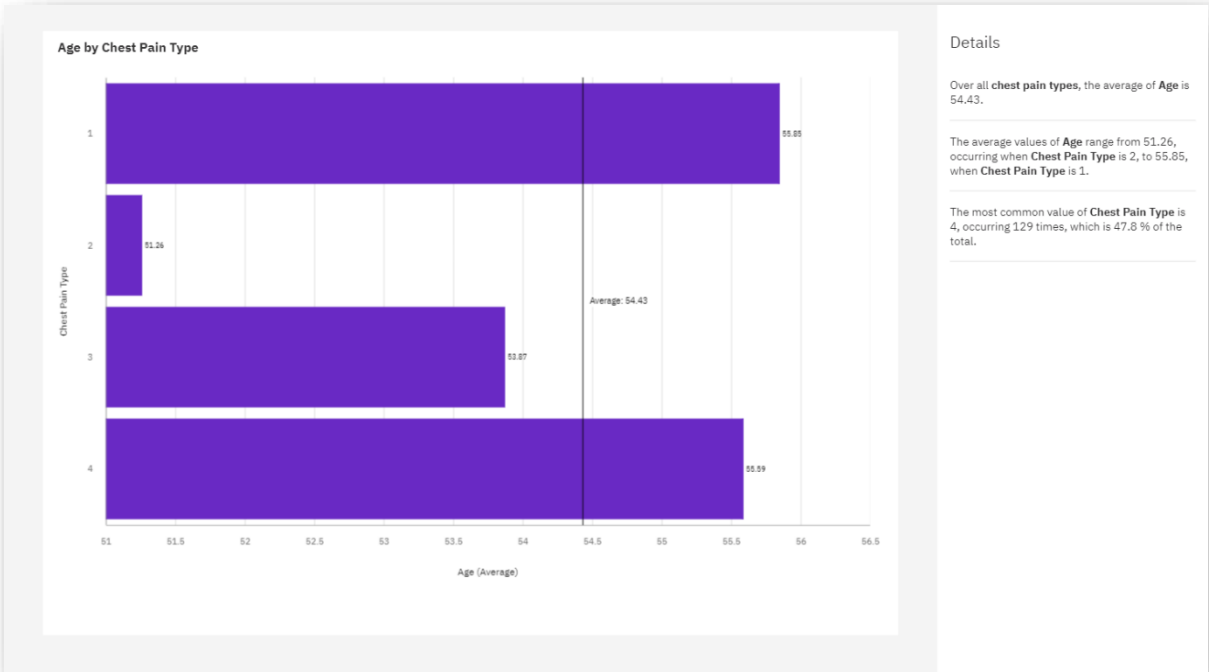
Type here to search

Desktop 31°C

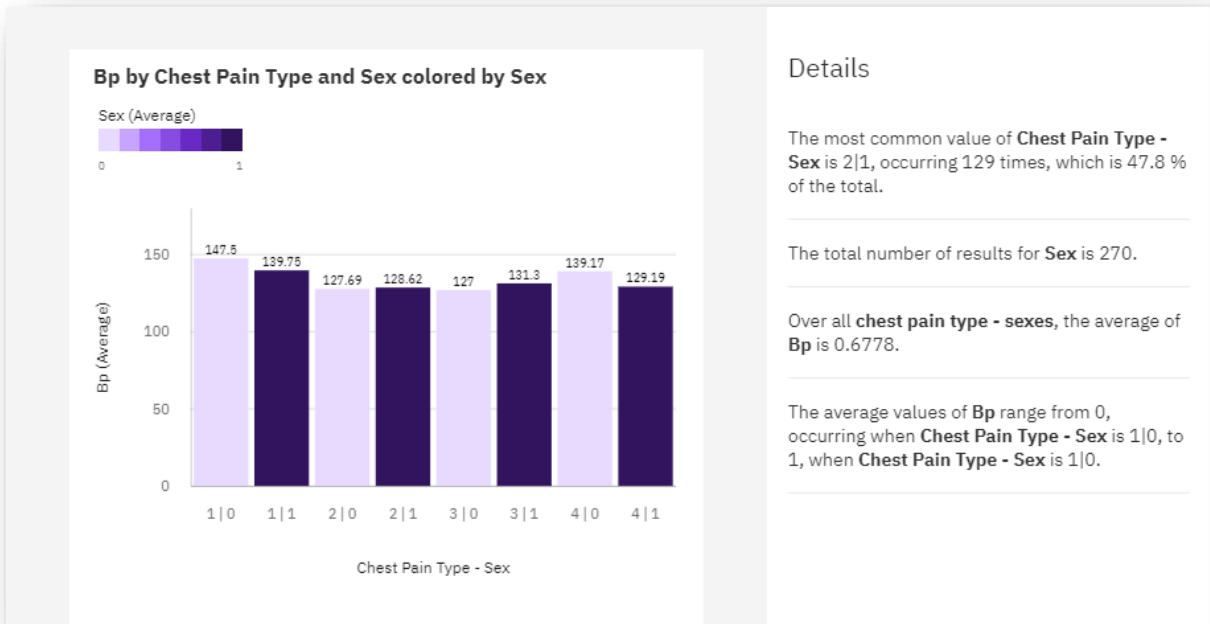
15:08 01-11-2022

Exploration of Data:

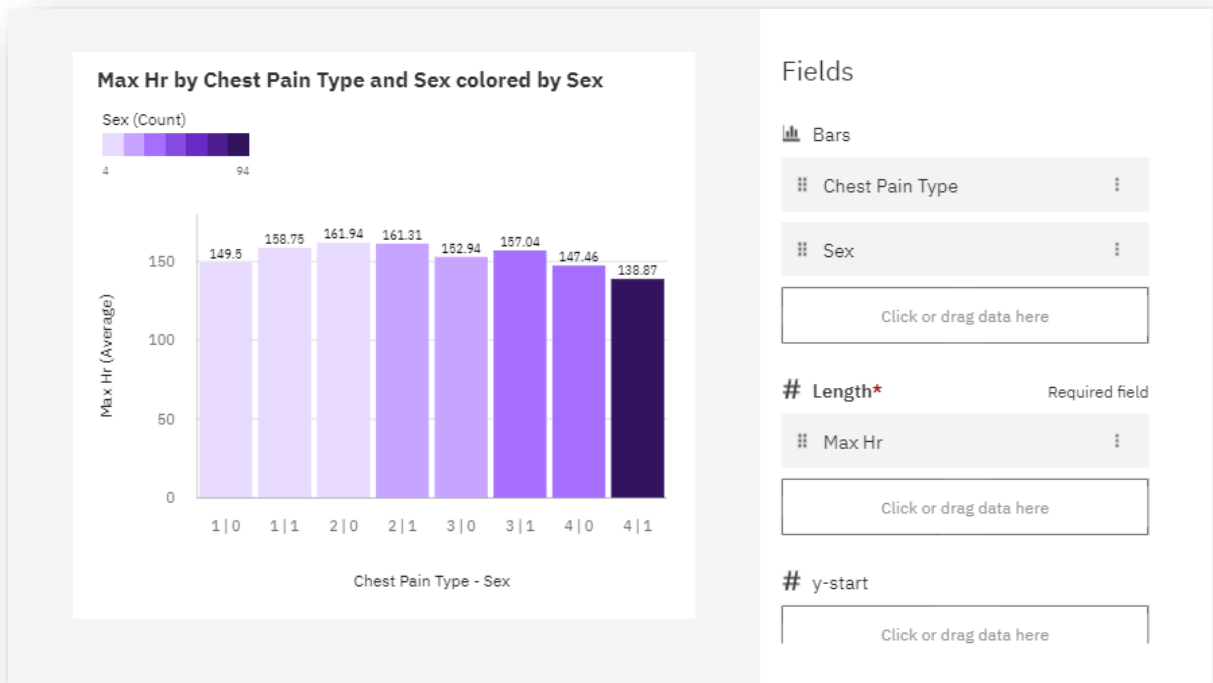
Age by Chest pain type



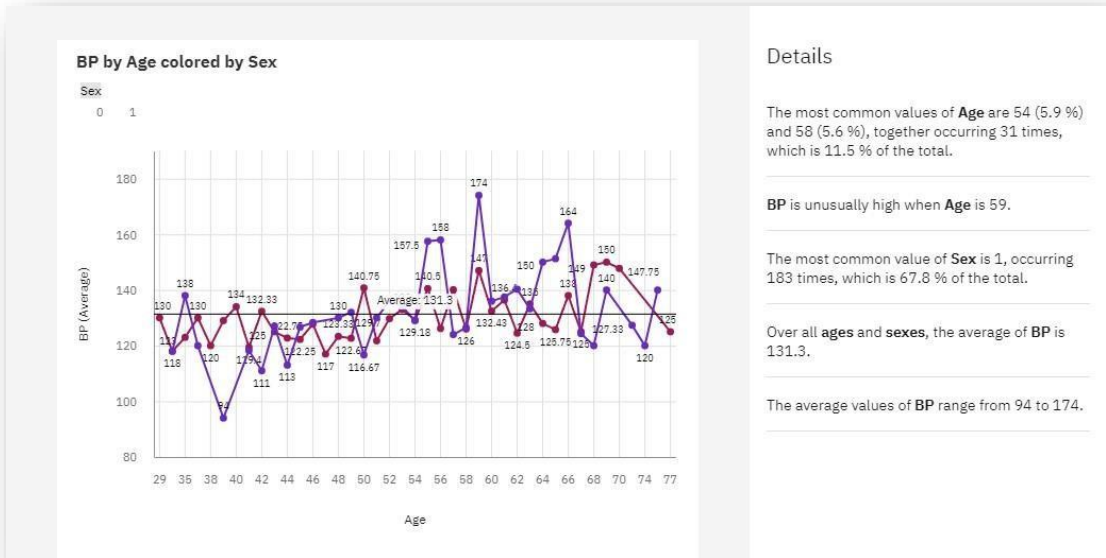
Exploration of Bp vs Chest pain type and Gender



Exploration of Max Heart Rate During Chest pain



Exploration of Bp by Age



Exploration of Cholesterol by Age and Gender

