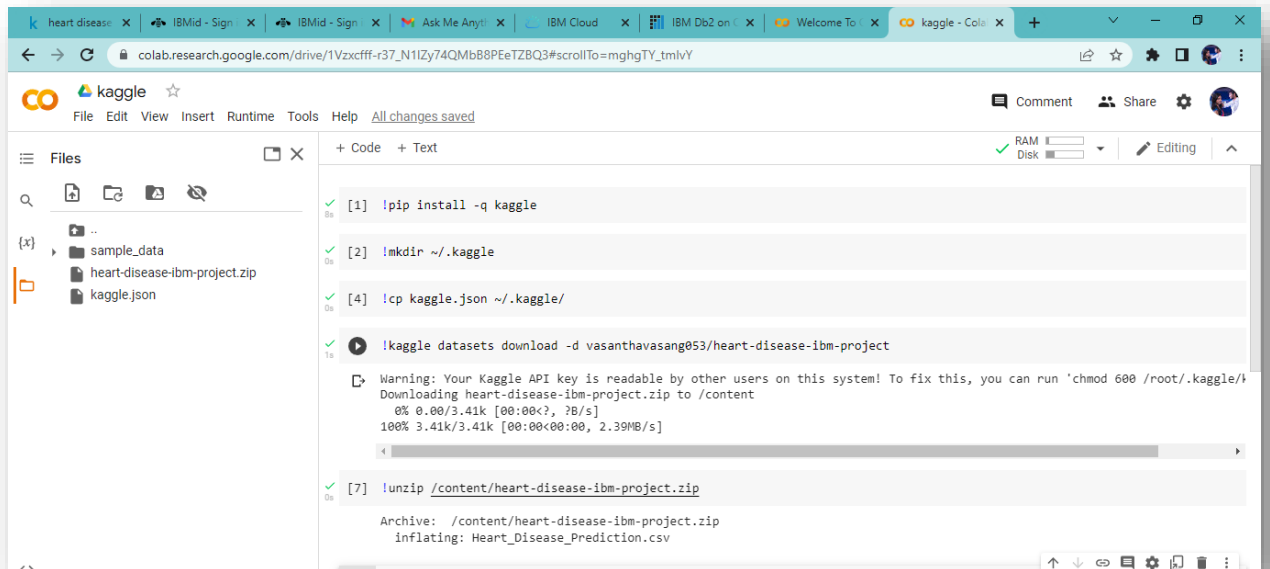


Working with Dataset

| | |
|--------------|--------------------------------------------------------------------------|
| Date | 05 November 2022 |
| Team ID | PNT2022TMID45158 |
| Project Name | Visualizing And Predicting Heart Diseases with An Interactive Dash Board |

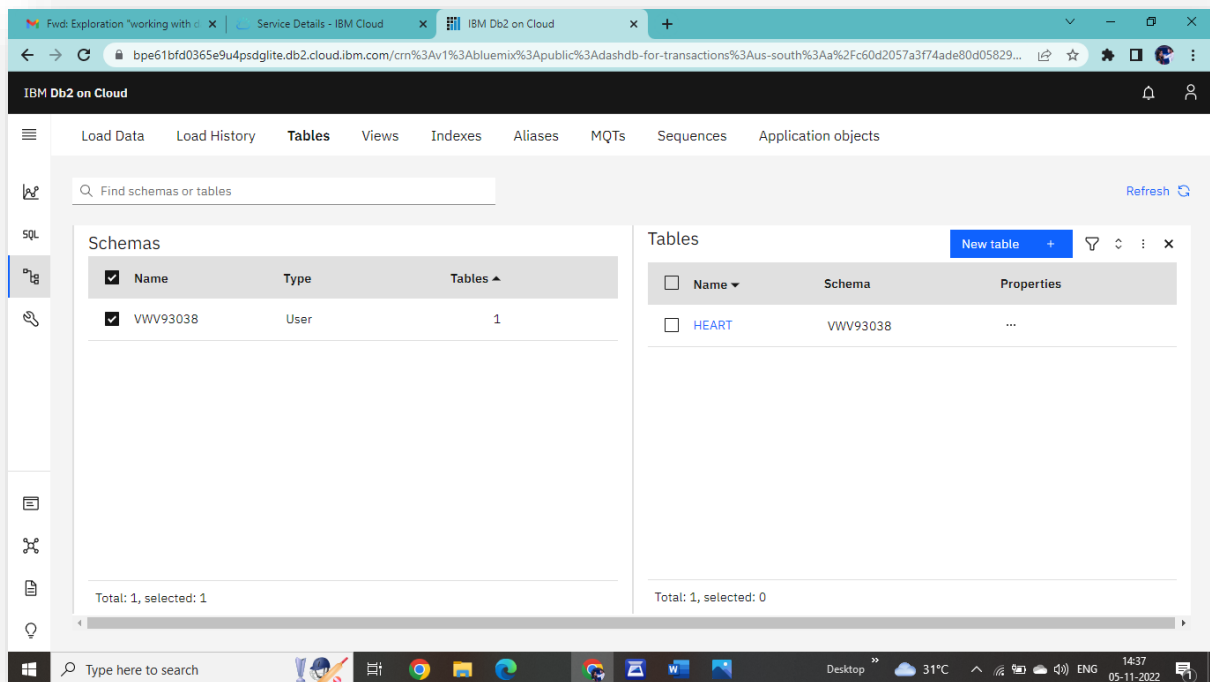
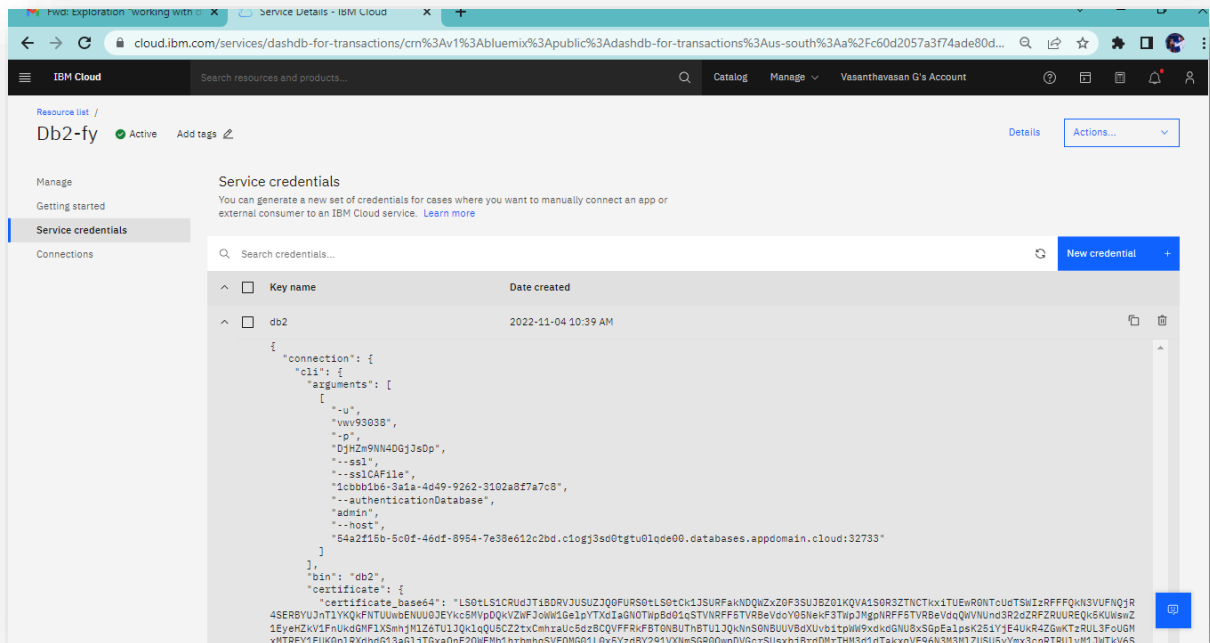
Loading and Understanding the Dataset



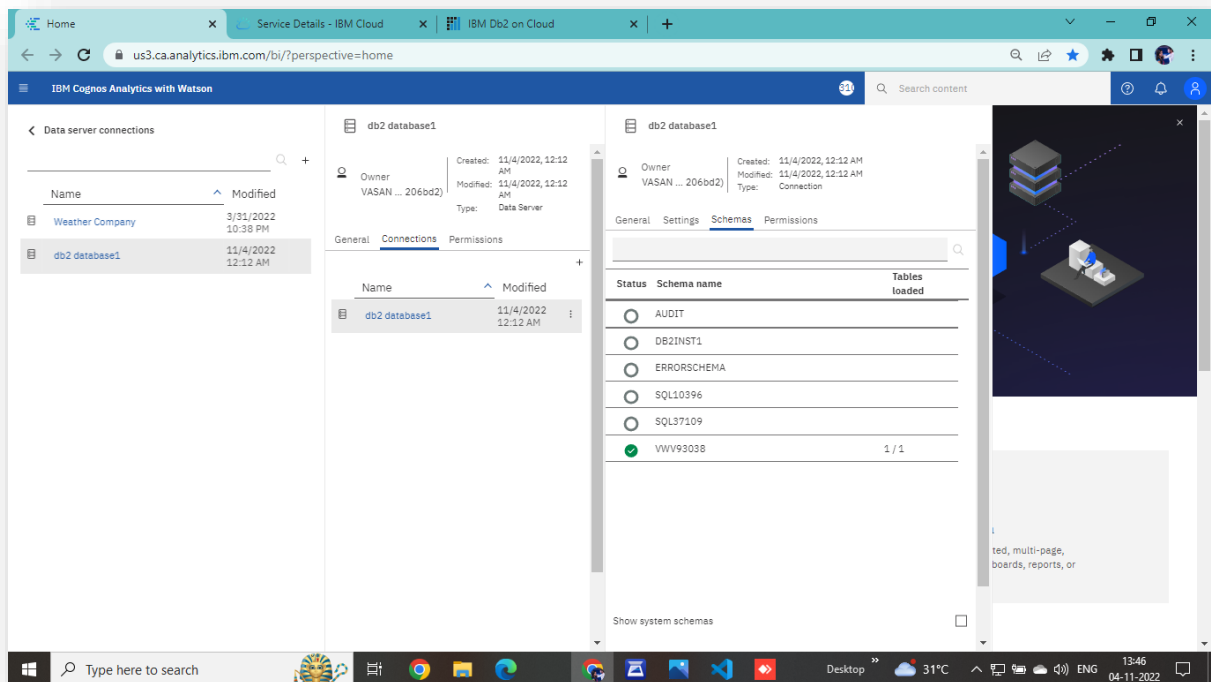
The screenshot shows a Google Colab notebook interface. The left sidebar displays the file explorer with a folder named 'sample_data' containing 'heart-disease-ibm-project.zip' and 'kaggle.json'. The main area shows a series of terminal commands and their outputs:

```
[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/k
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
```

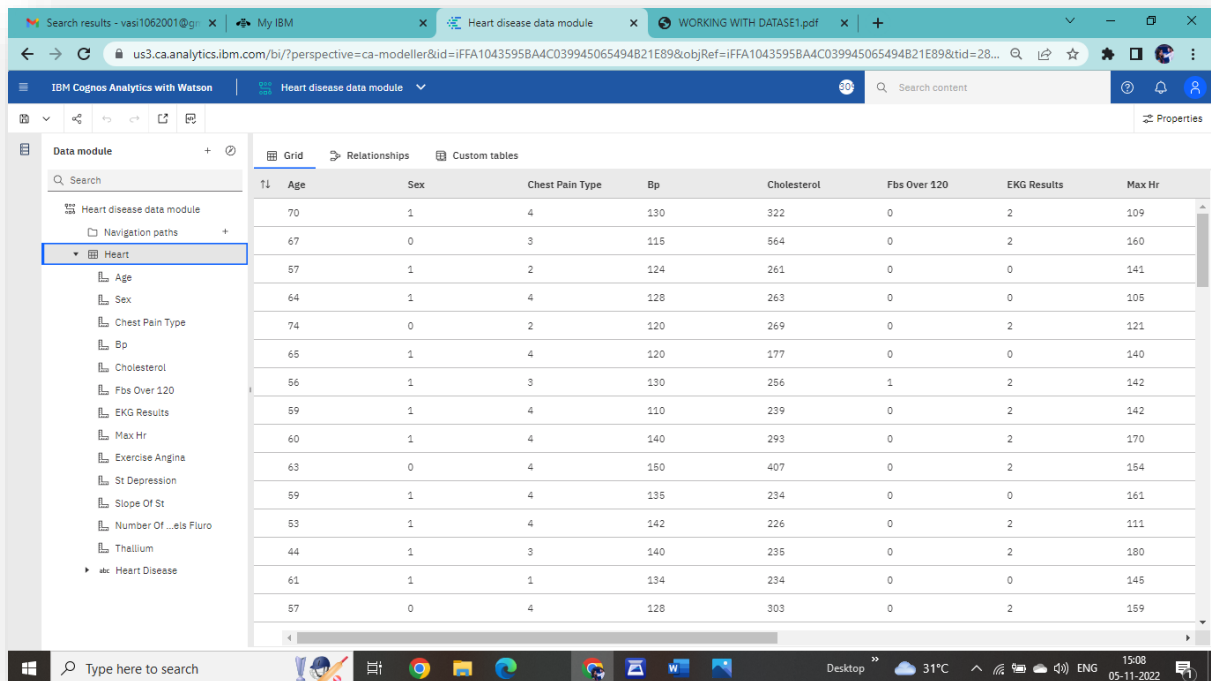
Successfully created Db2 Service Credential



Successfully connected IBM Cloud Db2 to Cognos Analytics

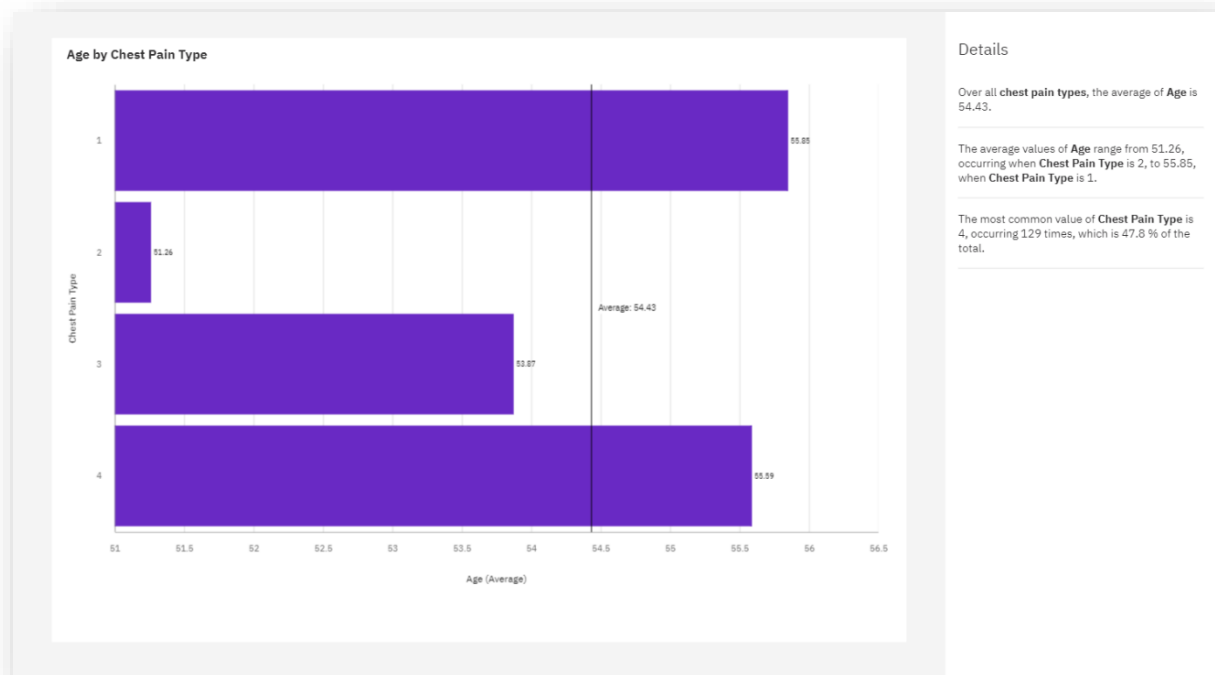


Data Preparation (Data Module)

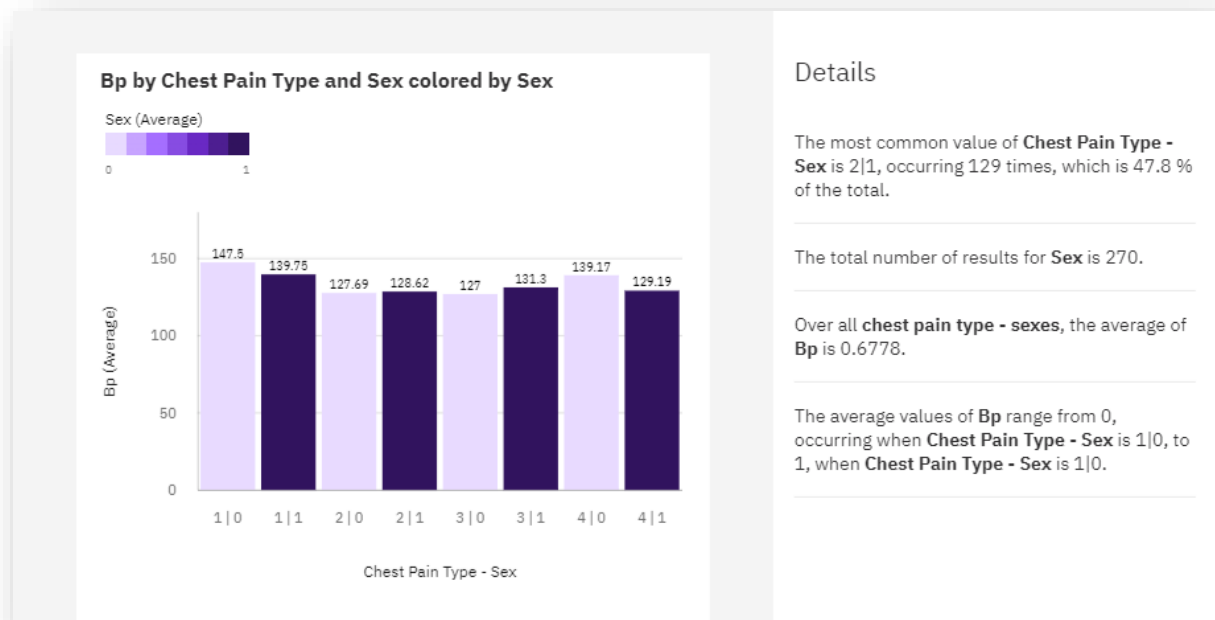


Exploration of Data:

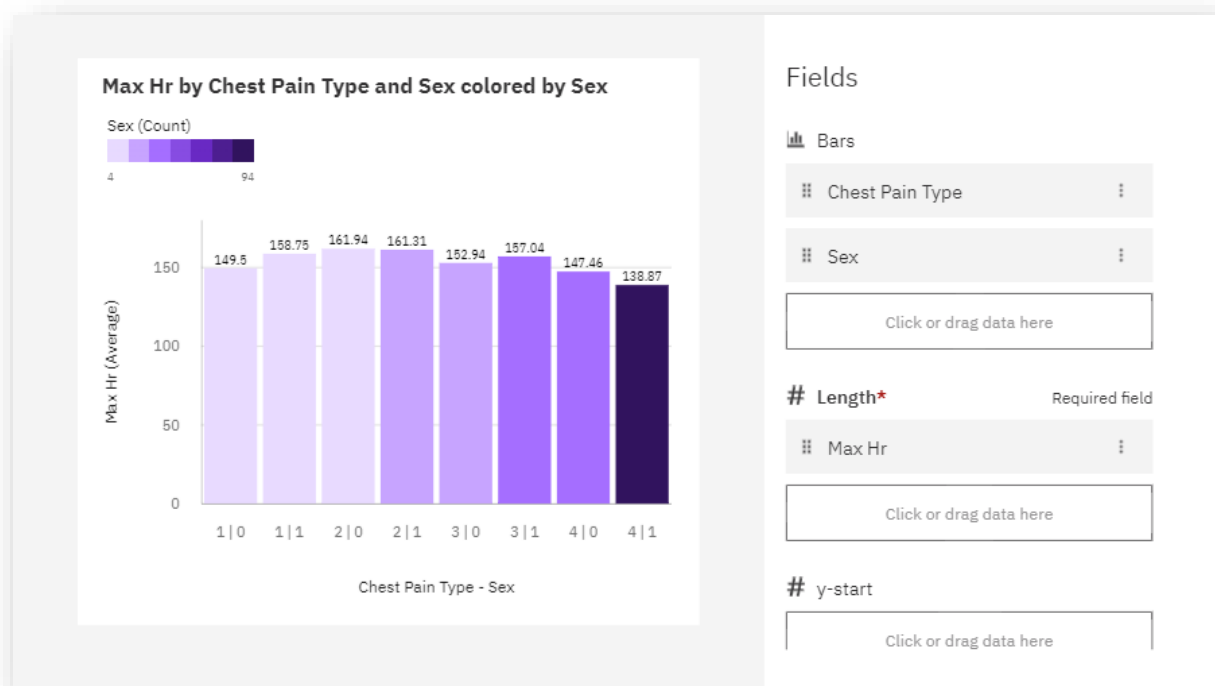
Age by Chest pain type



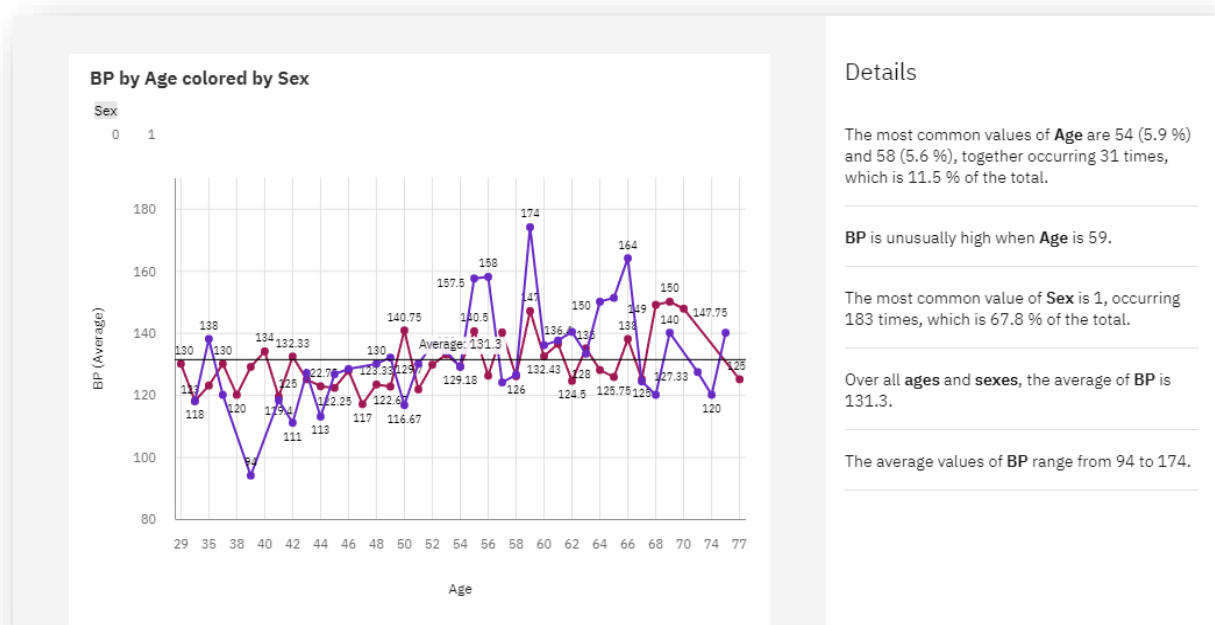
Exploration of Bp vs Chest pain type and Gender



Exploration of Max Heart Rate During Chest pain

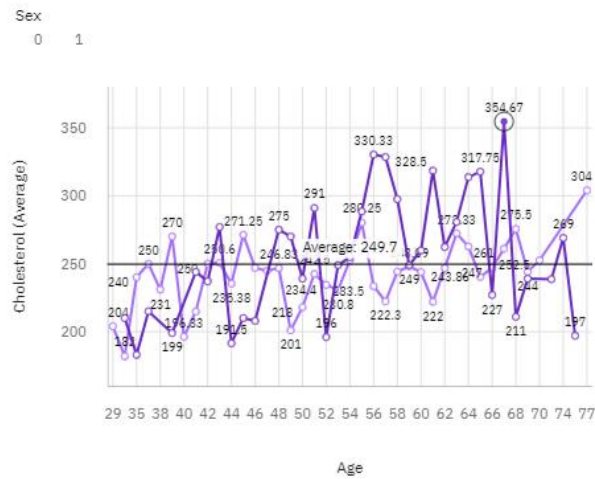


Exploration of Bp by Age



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.