Wireframe Document

Heart Disease Diagnostic Analysis

A cartoon of a person with lightning bolt

Description automatically generated

**Last Date of Revision - 10/1/2024**

# Piyush Birle

**Document Control**

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 1/1/2024 | 1.0 | Introduction, Problem Statement | Piyush Birle |
| 4/1/2024 | 1.1 | Dataset Information, Architecture Description | Piyush Birle |
| 10/1/2024 | 1.2 | Final Revision | Piyush Birle |
|  |  |  |  |

# We Performed Exploratory Data Analysis on Jupyter Notebook and then created a Power BI Desktop Dashboard.

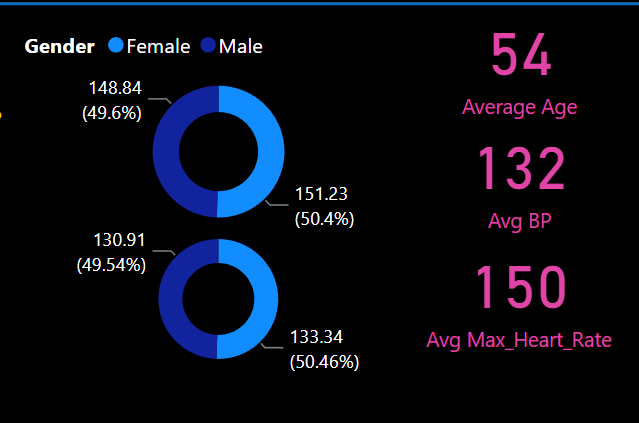
## What Kind of Population do we have?

A screenshot of a computer

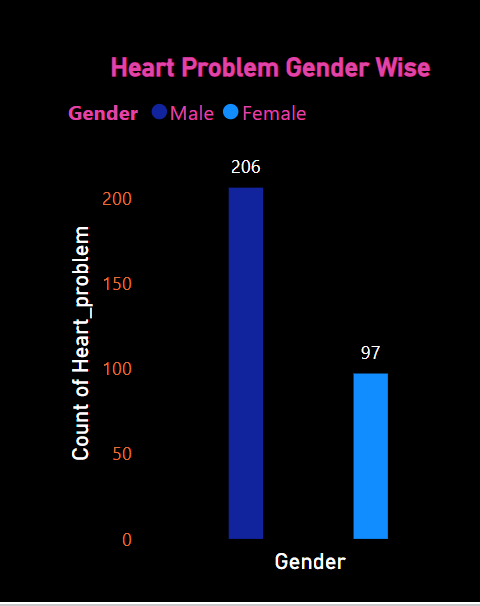
Description automatically generated

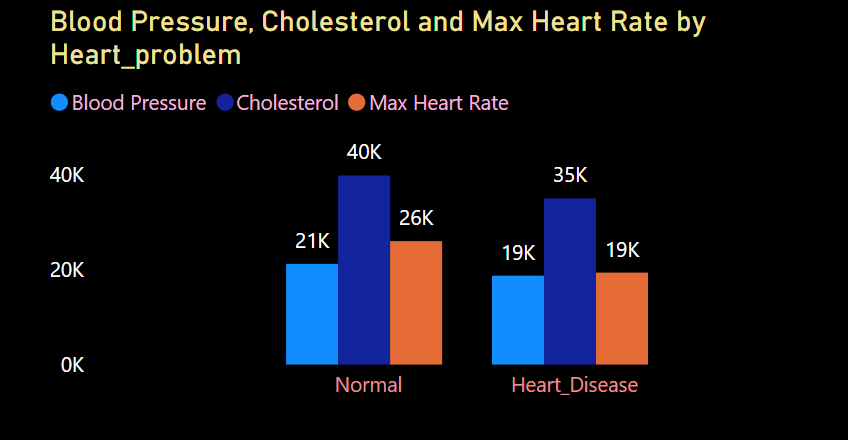
* 45.87% People suffering from heart disease.

**2) Average Heart Rate By Gender**



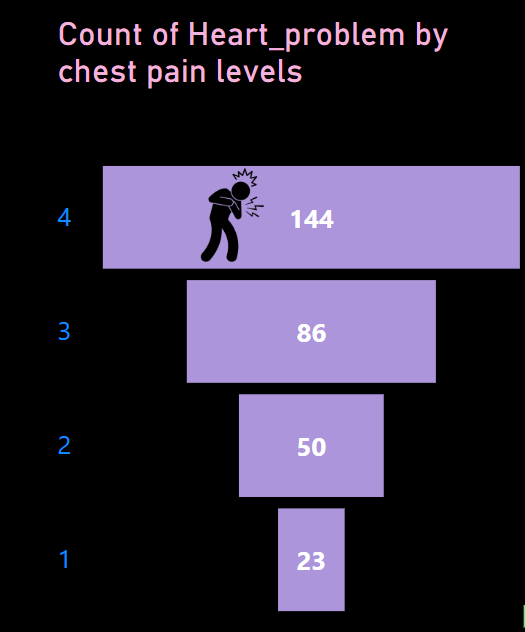
## Who Suffer from Heart Disease?

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* Males are more prone to heart disease.
* Person who is having More Cholesterol are having high chances of Heart\_Disease .

## Count Of Heart Problems By Chest Pain Levels

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* 144 People Are Having Asymptomatic pain.
* 86 people are having non-anginal pain and rest is typical and atypical.

A graph of blood pressure

Description automatically generated

* Here we can observe that Blood Pressure increases between age of 50 to 60 and somehow continue the pattern till 70.
* Similarly, Cholesterol and maximum heart rate Increasing in the age group of 50-60.

A green graph with white text

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A graph of age distribution

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* Between Age 50-60 There are more Number of Females then mens