**Heart Disease**



**Student ` Heghine Avetisyan**

**Visualization Canvas**

|  |  |
| --- | --- |
| Story | What’s the problem?   * Understanding impact of heart disease across different genders and specific categories.   What question do you want to answer?   * How does the prevalence of heart disease differ between males and females in various heart disease categories?   Why did you choose it?   * Heart disease is a leading cause of death world, and understanding its impact across genders can help in targeted medical interventions.   What is the context?   * This visualization can identify gender-specific trends and allocate resources more effectively. |
| Audience | **Who is going to use the viz?**   * Healthcare professionals * Researchers * Public health policymakers |
| Data | **What type of data do you have?**   * There are 16 variables, type of data * Numeric * Categorica   **Where is it stored?**   * The data is stored in CSV file   **Is it static or changing**?   * It is static |
| Tools | **What tool(s) are you going to use?**   * I used Plotly for creating interactive visualizations and Dash for web application.   **Why did you choose it?**   * Beacause it interactive |
| Charts | **What types of charts are chosen?**   * Sunburst chart * Line chart * Scatter chart * Bar Chart * Coloum chart * Box plot   **Why are they the best to answer the question posed?**   * Because they show all solution problems |