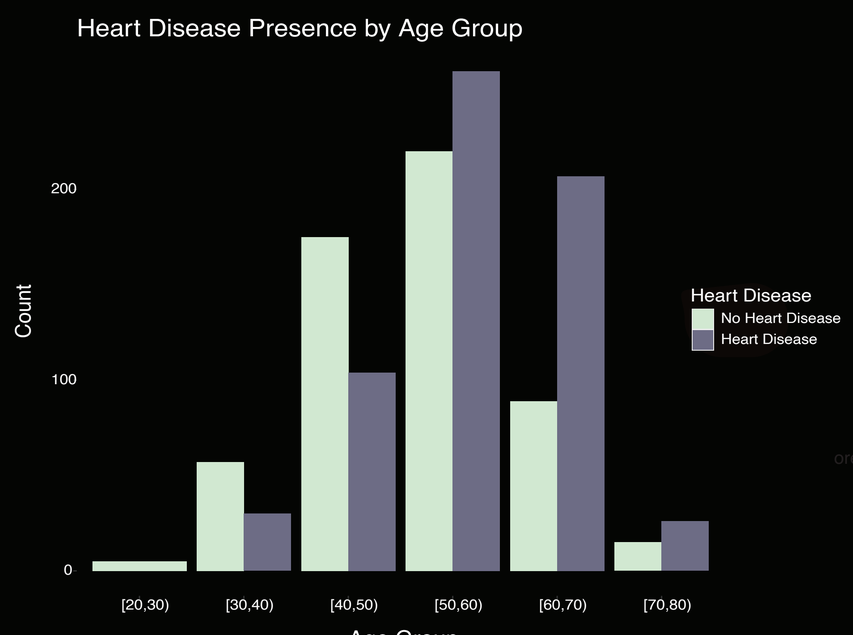
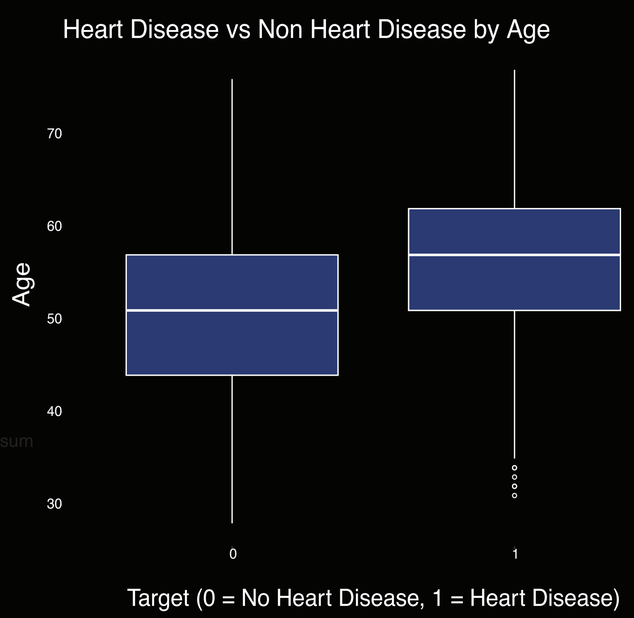
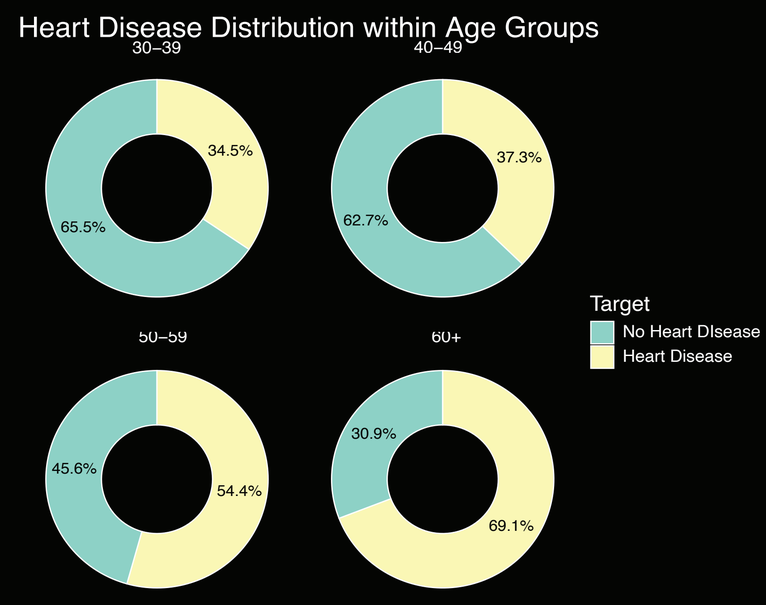
Examining Heart Disease Across Age Demographics

This illustrates the varying impacts of heart diseases across different age groups, highlighting how risk factors and prevalence differ among all these age groups. It showcases data on individuals with and without heart disease, their symptoms, and potential connections between age and heart disease.



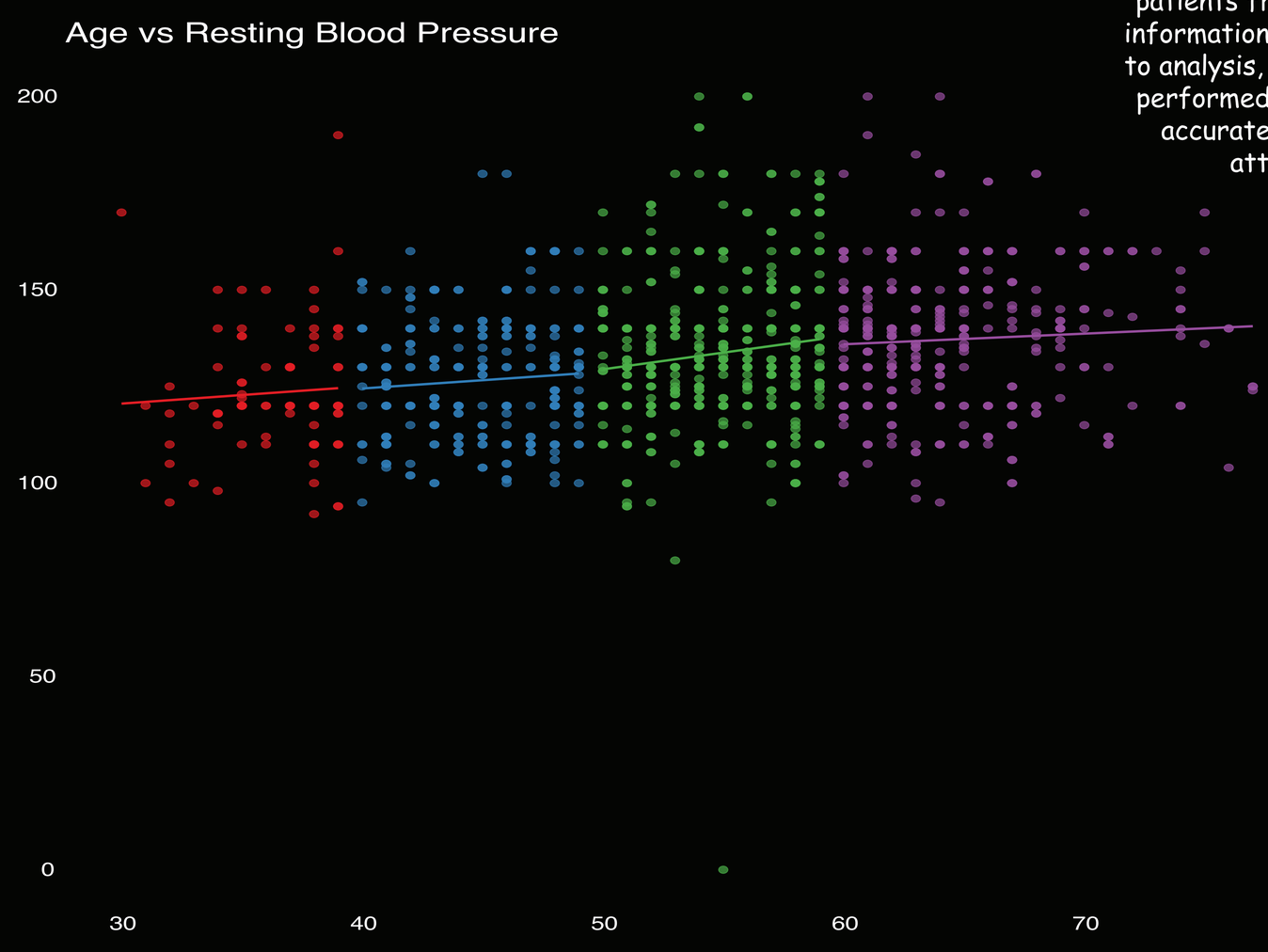




Question 1:
Does there seem to be a connection between resting blood pressure and age?

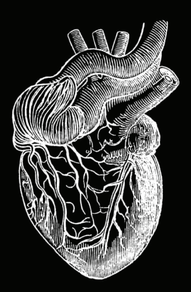
Question 2:
How is cholesteral impacted by age and does it differ for males and females?

Question 3:
What kind of chest pain do we see at differing age groups?



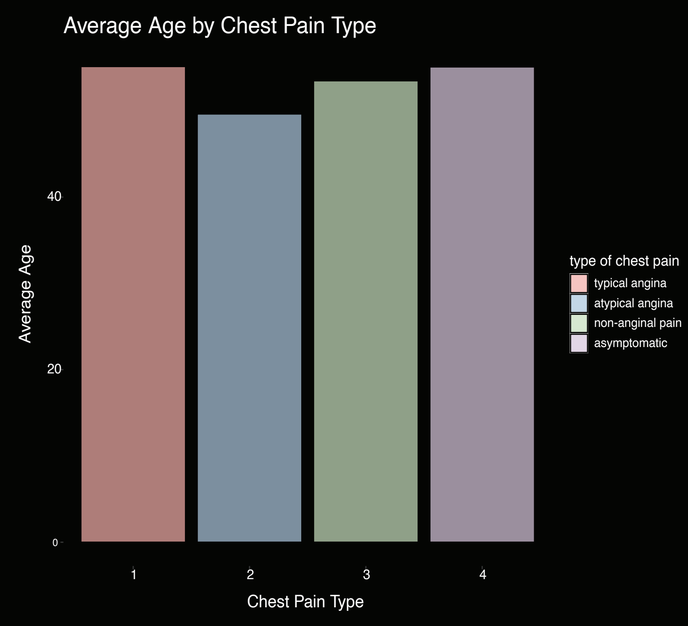
The dataset comprises 1,190 rows and 12 columns, detailing various attributes related to heart disease patients from multiple studies. The columns include demographic information, medical measurements, and diagnostic results. Prior to analysis, subsetting, cleaning, and aggregations were performed to ensure data integrity and relevance, enabling accurate insights into the relationships between these attributes and heart disease outcomes.

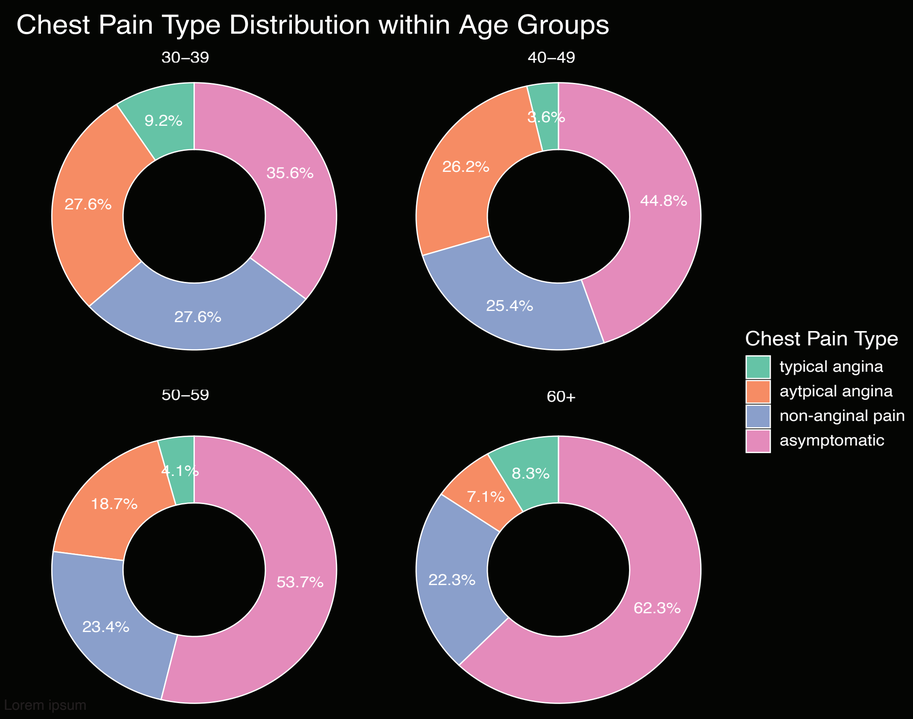
https://pngtree.com/so/heart-failure-clipart

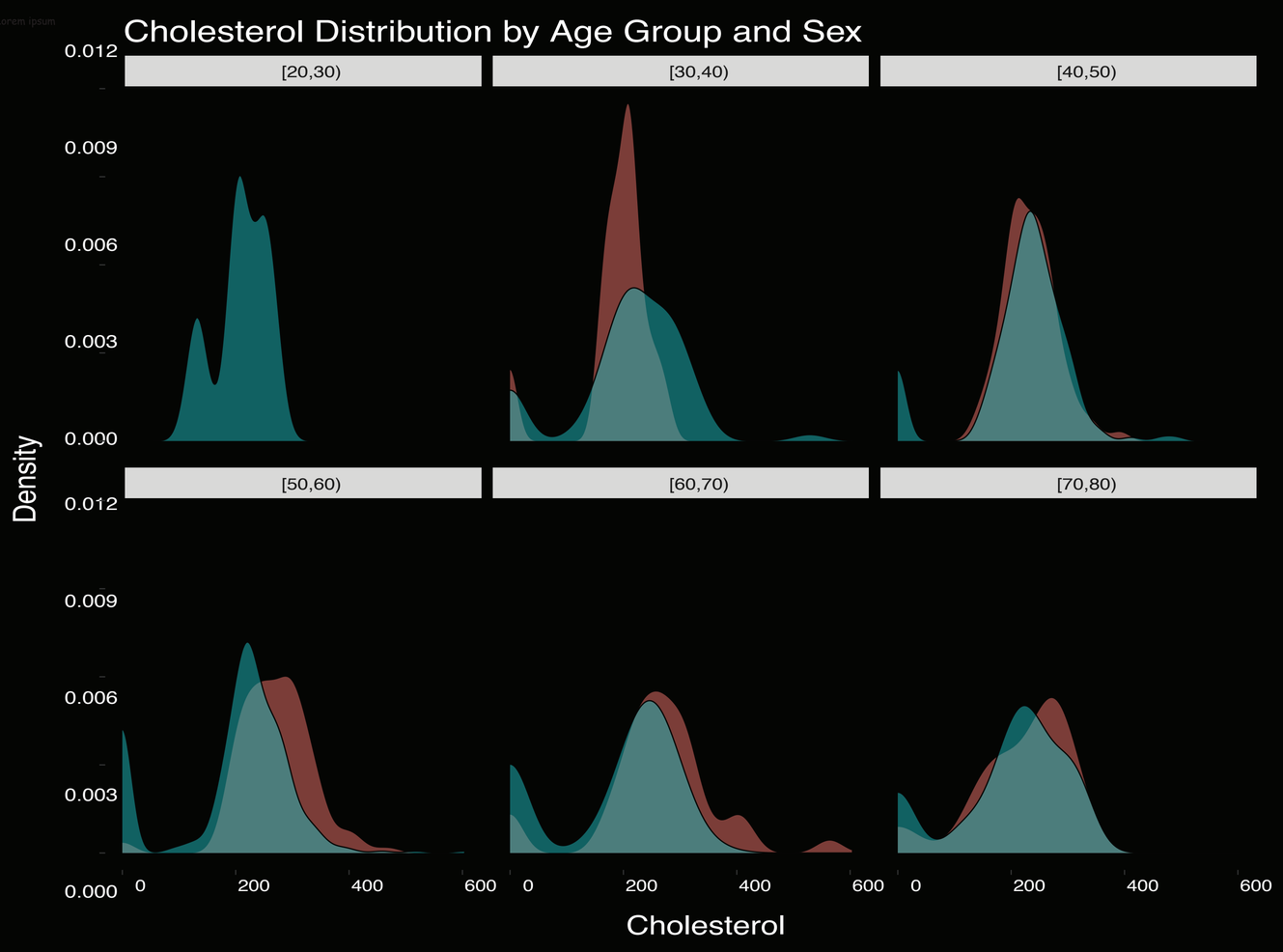


https://www.heart.org/-/media/Images/News/2024/January-2024/0110RRSubstanceUseMortality_SC.jpg

Targeting healthcare professionals, educators, and the general public, in the hope of aiming to raise awareness about the critical importance of understanding heart disease across all age groups. By recognizing the unique risks and symptoms faced by different age demographics, the audience can better advocate for and implement tailored prevention and treatment strategies, ultimately reducing the overall burden of heart disease in society.







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Source:
https://www.kaggle.com/datasets/mexwell/heart-disease-dataset