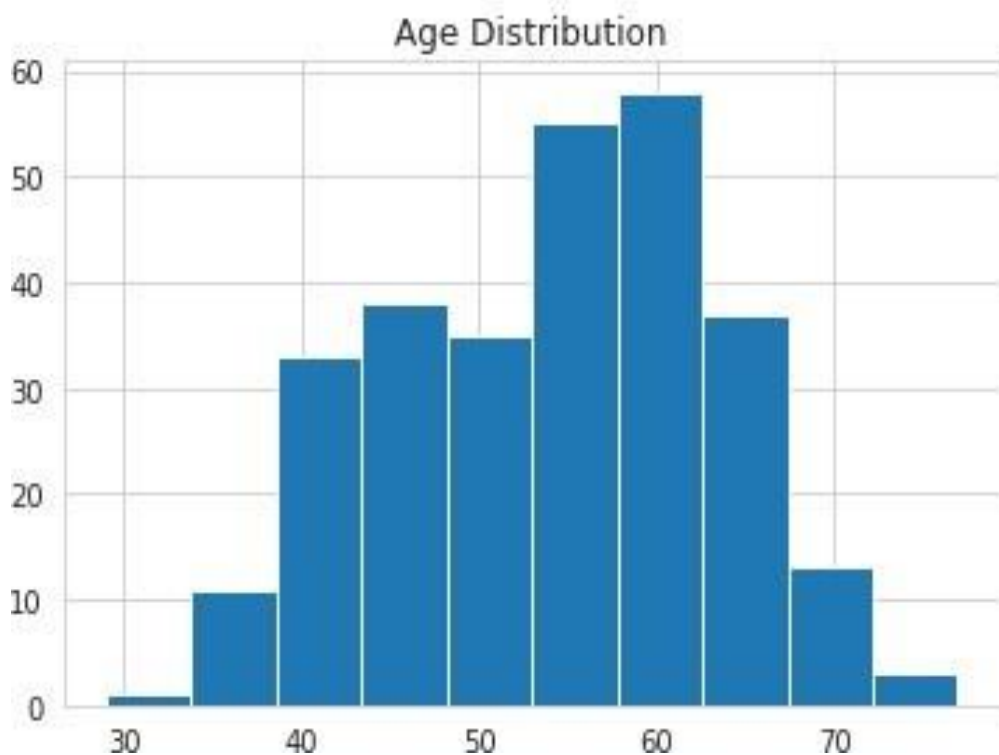


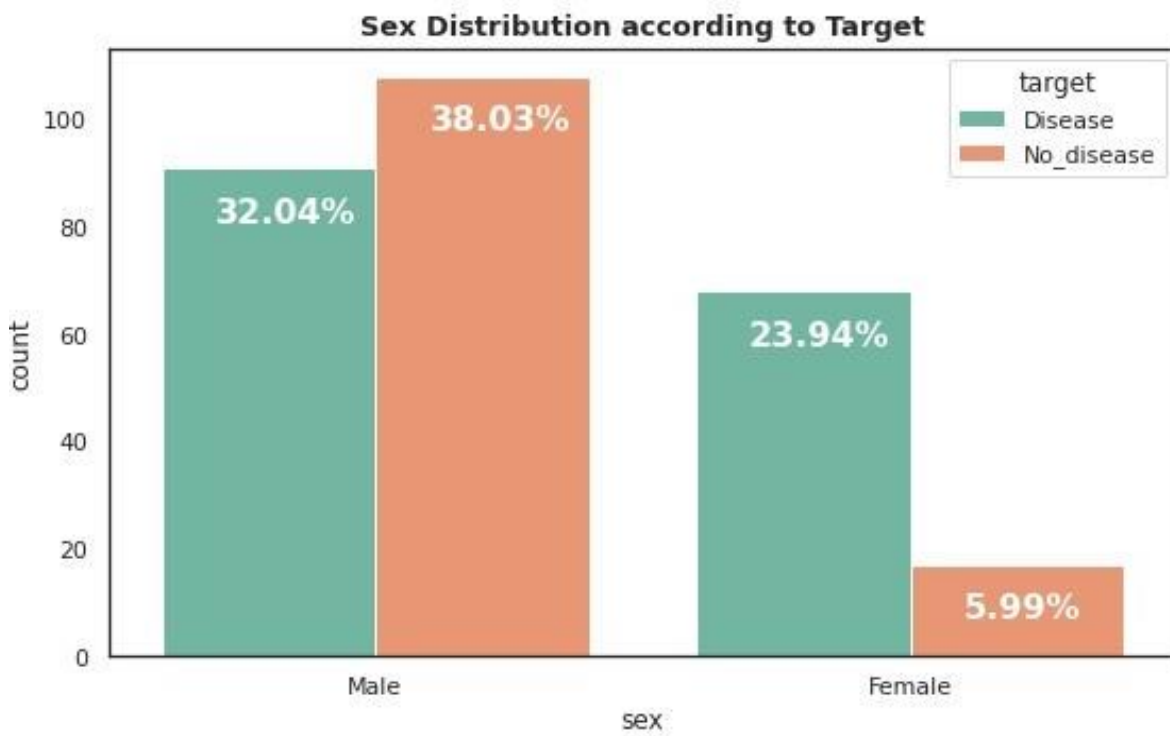
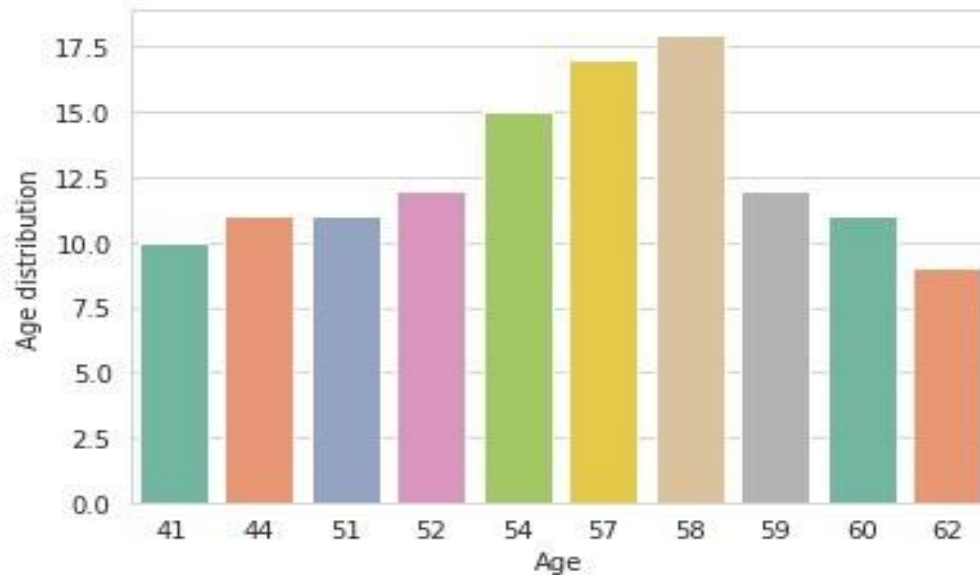
# Visualizing and Predicting Heart Diseases with an InteractiveDash Board

## Exploration of Data :

Along with the graphing of the Average Age for various Chest Pain Types, an exploration of the data correlations between the variables is offered. The following information will be needed in order to visualise it:

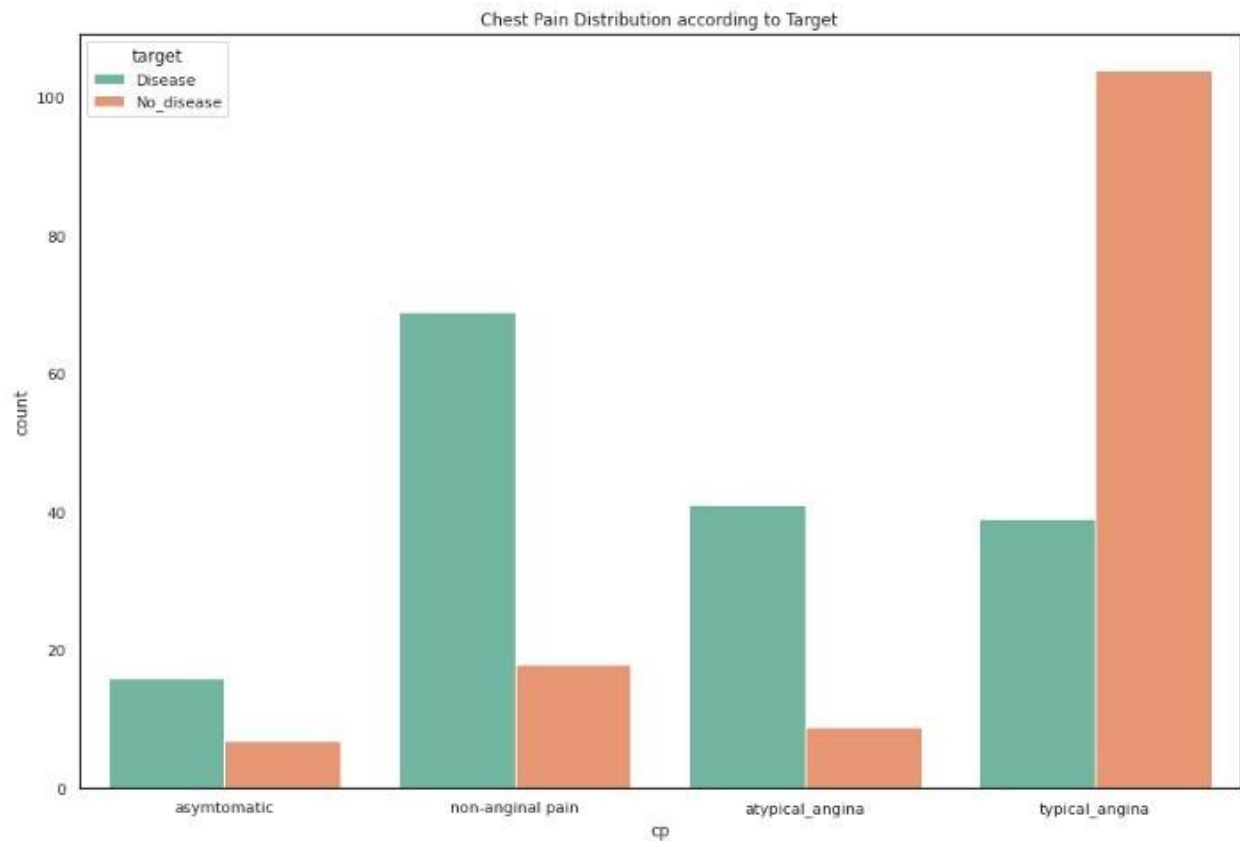
- \* Sex
- \* Age
- \* Chest Pain Type





From the bar graph, we can observe that among disease patients, male are higher than female.

### Chest pain distribution according to target variable :



Angina, often known as chest pain (cp), is a sort of discomfort that develops when the heart muscle doesn't get enough oxygen-rich blood, resulting in discomfort in the arms, shoulders, neck, etc.

However, the bar graph above raises the concern that a greater proportion of healthy subjects are experiencing typical angina. Or, to put it another way, the majority of healthy subjects who are also described here experience chest pain.

Stress, physical activity, and many other factors can cause chest pain, which differs between genders. Atypical symptoms are typically present in female and elderly individuals who have a history of sickness. This article analyses clinical trial data comparing patients with typical and nontypical angina.