

Wireframe Document

Heart Disease Diagnostic Analysis



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***HEART DISEASE
DIAGNOSTIC
ANALYSIS***



DOCUMENT VERSION CONTROL

Date Issued	Version	Description	Author
18 / 04 / 2023	1.0	Introduction Wireframe design	Vikas Bhat
27/ 04/ 2023	1.1	Final Revision	Vikas Bhat



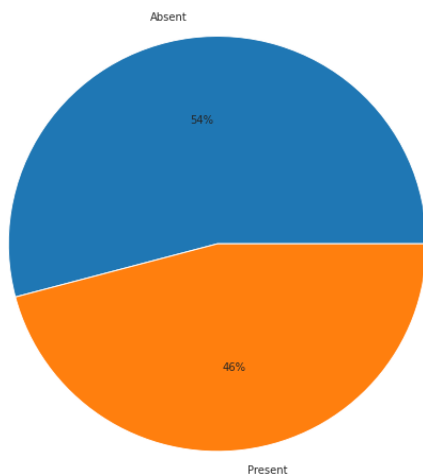
HEART DISEASE DIAGNOSTIC ANALYSIS



We Performed Exploratory Data Analysis on Jupyter Notebook and then created a Dashboard on Google Data Studio.

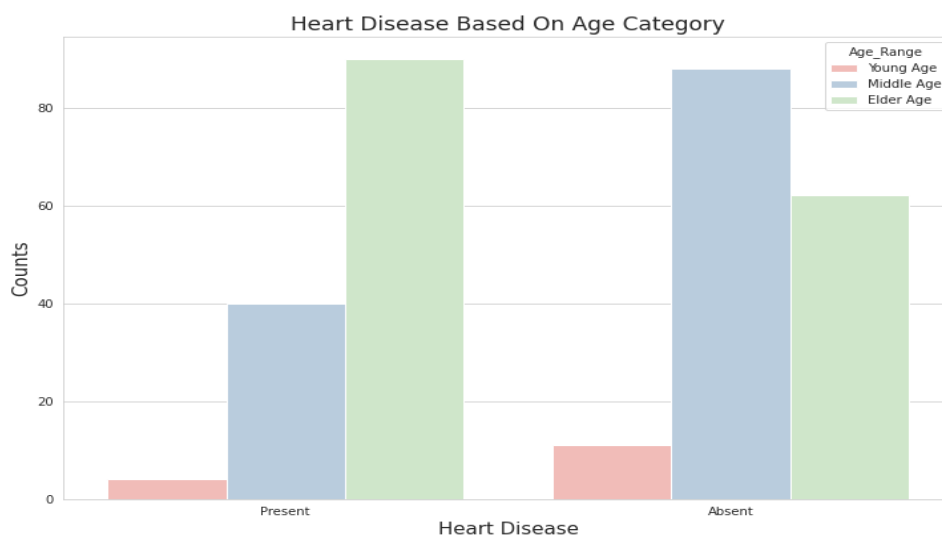
1. What kind of Population do we have based on Heart Disease?

Heart Disease Population %



- 46% of people are suffering from heart disease.
- 54% are not suffering from heart disease.

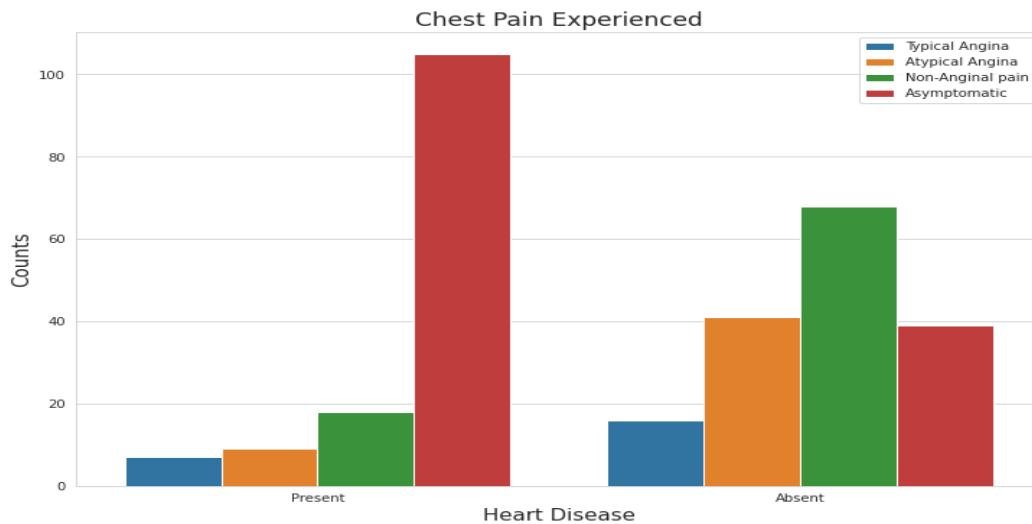
2. Which age category is more prone to Heart disease?



- Elderly Age population is suffering from heart_disease while,
- Most of the Young and Middle Age population are free from heart_disease.



3. What kind of Chest pain is more common in Heart disease patients?

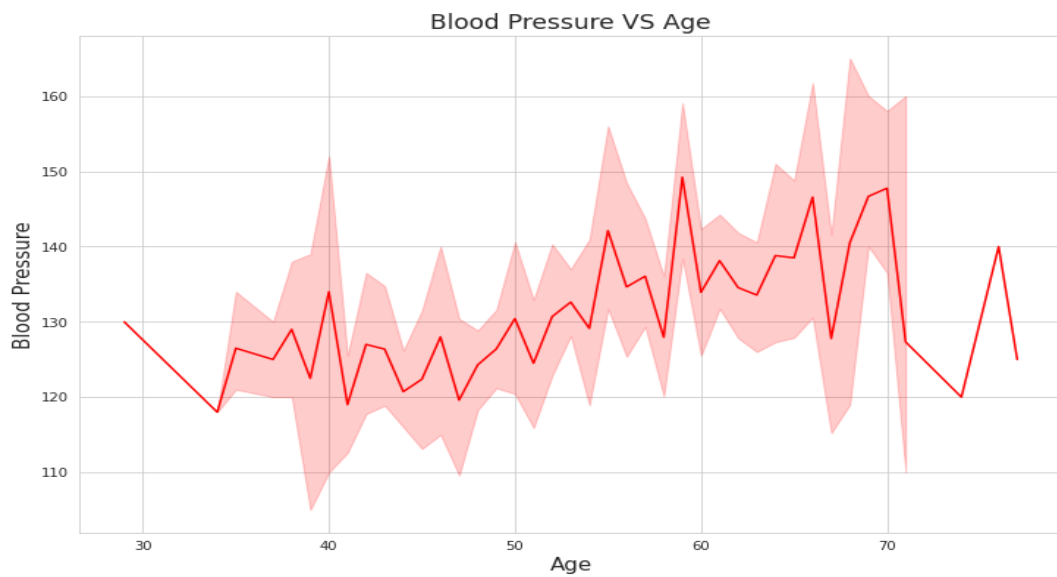


- It seems that people with asymptomatic chest pain are more prone to heart disease.
- Asymptomatic Chest pain means neither causing nor exhibiting symptoms of heart disease.
- It seems high number of cholesterol level in people having heart disease.

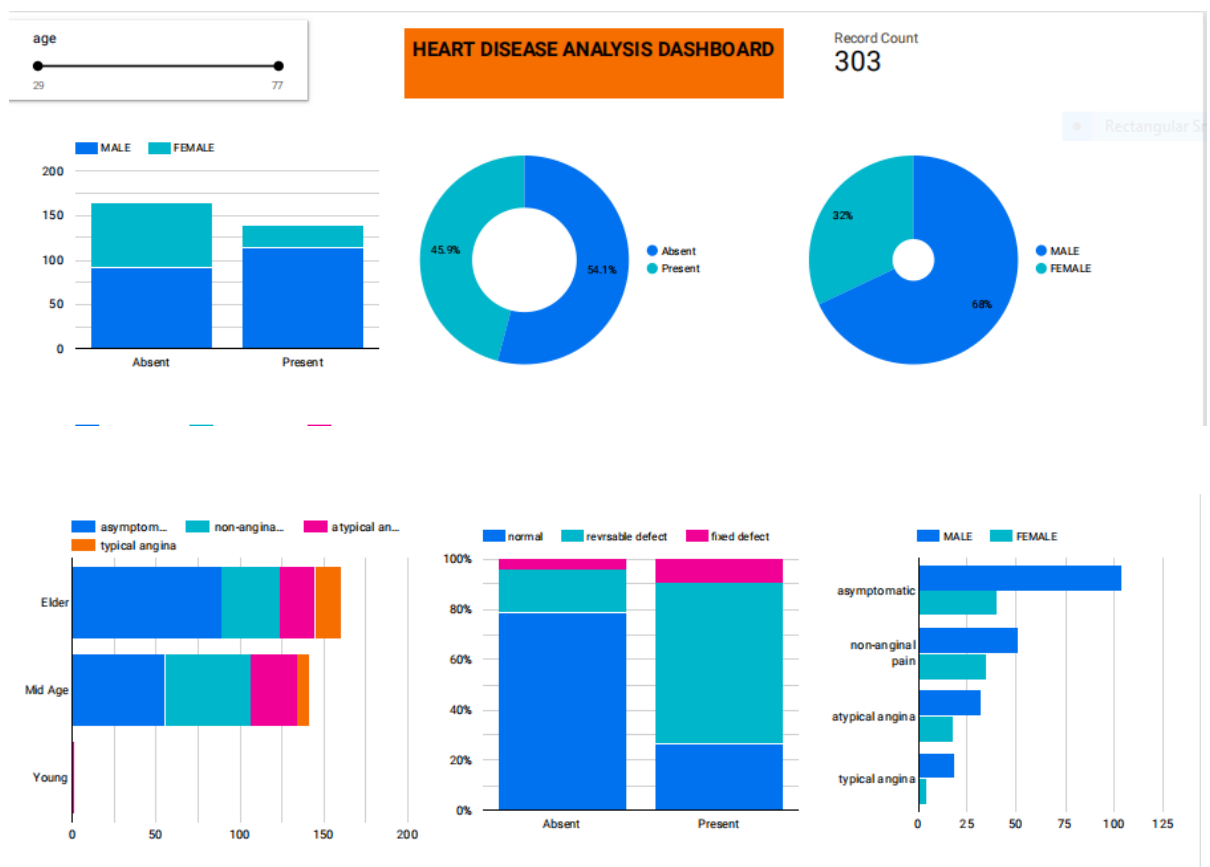
4. Which age group experiences more Blood Pressure and is prone to heart disease?

- We can see that BP increases from age 50 to 60 and the pattern will somehow tend to continue till 70.

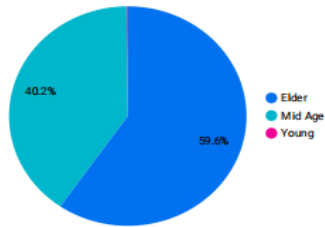
HEART DISEASE DIAGNOSTIC ANALYSIS



4. DASHBOARD ON HEART DISEASE ANALYSIS USING BI TOOL - GOOGLE DATA STUDIO.



HEART DISEASE DIAGNOSTIC ANALYSIS



	thal_type	sex_name	heart_disease	age
1.	revrsable defect	FEMALE	Absent	
2.	revrsable defect	FEMALE	Present	
3.	revrsable defect	MALE	Present	
4.	revrsable defect	MALE	Absent	
5.	normal	FEMALE	Absent	
6.	normal	FEMALE	Present	
7.	normal	MALE	Present	
8.	normal	MALE	Absent	
9.	fixed defect	FEMALE	Present	
10.	fixed defect	MALE	Present	

1 - 12 / 12 < >

Link to the Dashboard report :

<https://datastudio.google.com/reporting/698802ee-182f-4c1d-9151-a77aa1cc0c9b>

