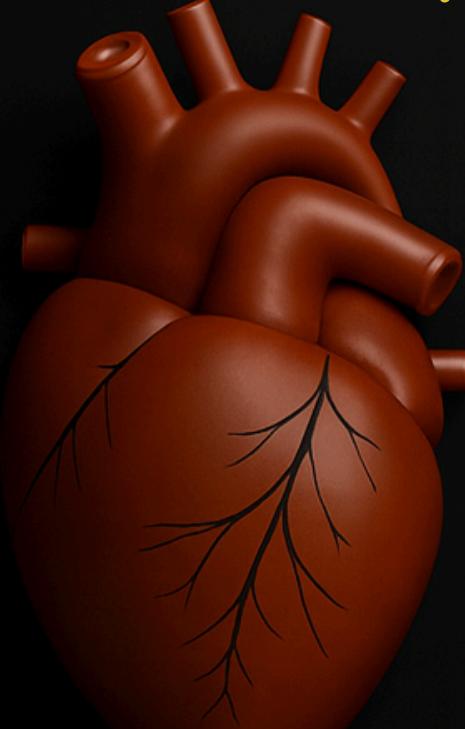


Heart Disease Risk Analysis | Power BI



500

Total Patients

234

Heart Disease Cases

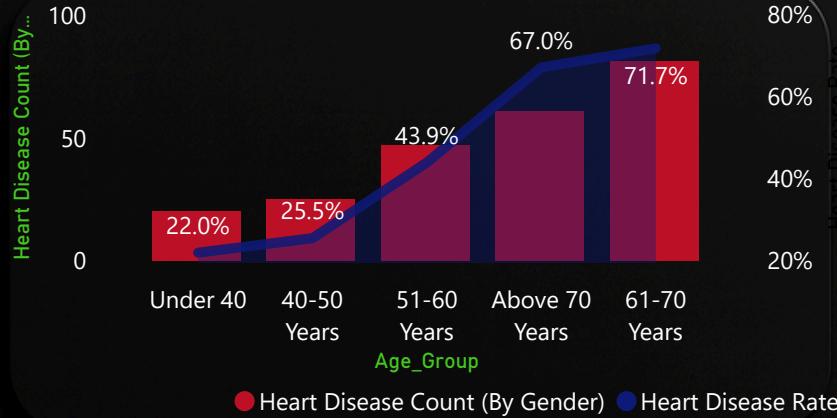
46.8%

Heart Disease Rate

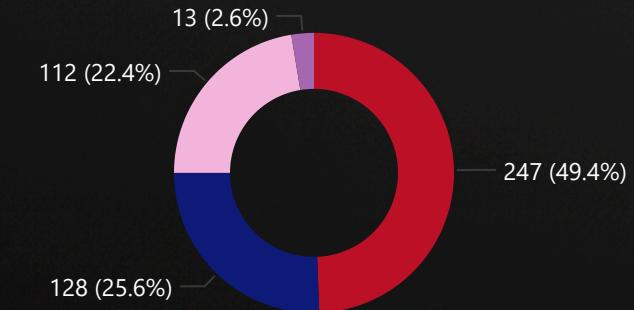
55.38

Average Age

Heart Disease by Age Group

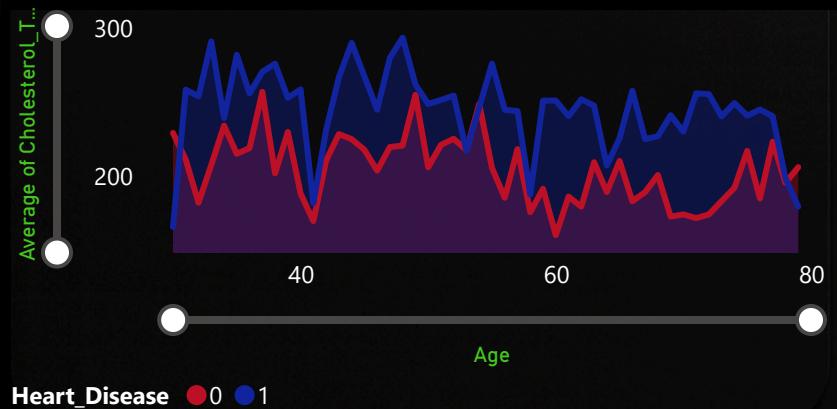


BMI Category Distribution



BMI Category ● Obese ● Normal ● Overweight ● Underweight

Blood Pressure vs Cholesterol and Heart Disease Risk



Heart Disease by Gender



Key Factors Influencing Heart Disease Risk

Key influencers

What influences Heart_Disease to



Increase ▾ ?

When...the average of Heart_Disease increases by

Sum of Diabetes is 1



0.41

Age_Group is 61-70 Years

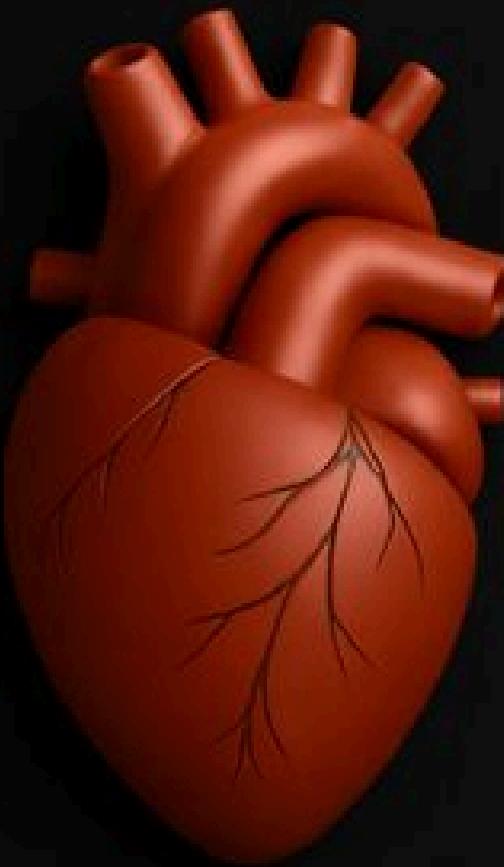


0.32

Ask Al: Heart Disease Insights

Drill-Down Analysis of Heart Disease Cases

AI Insights & Drill-Down Analysis



Ask AI – Heart Disease Insights

- Ask AI was used to analyze heart disease cases automatically.
- The AI identified **diabetes, high BMI, and hypertension** as major factors increasing heart disease risk.
- These insights were generated without manual calculations.

Key Influencers Analysis

- The Key Influencers visual shows variables that increase heart disease occurrence.
- Diabetes** emerged as the strongest influencer.
- Obesity and high blood pressure also significantly increase risk.

Drill-Down Analysis

- Drill-down features were used to analyze heart disease by age, BMI, and blood pressure.
- Heart disease cases increase sharply after **50 years of age**.
- Obese and hypertensive patients show higher case counts.

Overall AI-Driven Conclusion

AI-powered analysis confirms that **age, diabetes, obesity, and hypertension** are key risk drivers. Combining AI insights with interactive visuals improves data-driven health analysis.