Heart Disease Analysis

Healthcare Manager / Cardiologist

Empathy:	Hear	See	Say	Do	Gains
• Need accurate and early detection of heart disease risk. • Concerned about delayed diagnosis and patient safety. • Want simple and clear visual reports for quick clinical decisions. • Need to reduce manual data analysis effort.	• From hospital management. "Improve patient outcomes and reduce readmission rates." • From patients: "We want faster and more accurate reports" • From data team: Large datasets are difficult to interpret manually."	• Multiple patient records in different formats. • Increasing number of heart disease cases. • Time-consuming traditional reporting systems. • Lack of integrated real-time dashboards.	• "We need a system that shows the risk levels instantly." • Visual dashboards will help in faster diagnosis. • We must track key health indicators efficiently. • Data-driven decisions improve treatment planning.	• Analyze patient data (age, cholesterol, BP, ECG, etc.). • Compare historical and current health trends. • Monitor high-risk patients. • Generate reports for clinical review.	• Real-time heart disease risk prediction dashboard. • Faster and more accurate clinical decisions. • Improved patient monitoring and treatment planning. • Reduced workload with automated insights.
Pain Points	• Manual and slow data processing. • Difficulty in identying high-risk patients quickly. • Scattered and unstructured.	• Difficulty identify high-risk patients quickly. • Scattered and unstructured healthcare data.	• Scattered and unstructured healthcare data. • Limited technical expertise among medical staff.	• Analyze patient data (age, cholesterol, BP, ECG, etc.). • Compare historical and current health trends.	• Real-time heart disease risk prediction dashboard. • Faster and more accurate clinical decisions.