

# Business Requirement Document (BRD)

## 1. Document Information

- Project Name: Healthcare Data Analysis – Heart Disease Risk Analysis
  - Prepared By:
  - Date:
  - Version:
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## 2. Project Overview

Brief description of the project.

The objective of this project is to analyze heart disease data to identify key risk factors and provide actionable insights to healthcare stakeholders.

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## 3. Business Problem

Hospitals need better understanding of patient risk factors to detect heart disease early.

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## 4. Business Objectives

- Identify high-risk patient groups
  - Analyze impact of age, gender, BP, cholesterol, chest pain, and exercise factorsProvide dashboard for decision-making
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## 5. Stakeholders

- Doctors
  - Hospital Management
  - Healthcare Analysts
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## 6. Business Questions

- Is heart disease more common in males or females
  - Which age group is most affected?
  - Does exercise-induced angina increase risk?
  - Which chest pain type is most associated with heart disease?
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## 7. Key Performance Indicators (KPIs)

- Total Patients
  - Heart Disease Rate (%)
  - Average Cholesterol (Presence vs Absence)
  - Gender-wise Disease %
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## 8. Assumptions

- Dataset is accurate
  - No duplicate records
  - No missing critical data
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## 9. Success Criteria

- Clear dashboard
- Interactive filters
- Accurate KP