

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.

3. Business Problem

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

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