



Final Project Report

- 1. Introduction
 - 1.1. Project overviews
 - 1.2. Objectives
- 2. Project Initialization and Planning Phase
 - 2.1. Define Problem Statement
 - 2.2. Project Proposal (Proposed Solution)
 - 2.3. Initial Project Planning
- 3. Data Collection and Preprocessing Phase
 - 3.1. Data Collection Plan and Raw Data Sources Identified
 - 3.2. Data Quality Report
 - 3.3. Data Exploration and Preprocessing
- 4. Model Development Phase
 - 4.1. Feature Selection Report
 - 4.2. Model Selection Report
 - 4.3. Initial Model Training Code, Model Validation and Evaluation Report
- 5. Model Optimization and Tuning Phase
 - 5.1. Hyperparameter Tuning Documentation
 - 5.2. Performance Metrics Comparison Report
 - 5.3. Final Model Selection Justification
- 6. Results
 - 6.1. Output Screenshots
- 7. Advantages & Disadvantages
- 8. Conclusion
- 9. Future Scope
- 10. Appendix
 - 10.1. Source Code
 - 10.2. GitHub & Project Demo Link