

# Comprehensive Report on Data Analysis

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## 1 Introduction

The goal of this project is use AI as a tool to design and implement a Markdown parser that supports standard Markdown features plus Mermaid code blocks, producing a structured representation that could be rendered to HTML with special handling for Mermaid diagrams.

I choose Rust as programming language and i use ChatGPT-5.2 to help me in the development process.

## 2 Development Process

### 2.1 Prompt #1

### 2.2 Prompt #2