

# **Treasure Coast AI - AI Engine and Prompt Engineering Manual**

## **Module 2 - Extra Safe Text Edition**

# 1. Overview of the AI Engine

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## 2. Message Preprocessing

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### **3. Context Assembly Process**

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## 4. Knowledge Base Integration

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## 5. Automation Influence on Prompts

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## 6. System Prompt Rules and Structure

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## 7. Safety Rules and Output Filtering

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## 9. Token Budgeting and Efficiency

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## 10. Prompt Templates and Reusability

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## 11. Persona and Brand Voice Control

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## 12. Future Enhancements to the AI Engine

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