ChatGPT

TruMate – Formal Specification and Disclosure

Purpose

To create a persistent, scalable system that can ingest, analyze, and restructure *any volume** of written, visual, or data input into an optimized, deduplicated, anonymized, and censored output that remains fully faithful to original intent, purpose, and content—without hallucination, bias, or negative effects of the necessary truncation.

> (*) "Any volume" refers to sizable, scaled input documents and datasets. The system is specifically engineered to be immune to truncation-induced degradation of output quality. It monitors its own memory boundaries, flags omissions, and performs as many analysis passes as necessary to emulate infinite memory capacity. There is no assumption that deleted, unavailable, or truncated input constitutes the whole story—recursive review is built in to mitigate context loss.
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> Note on Naming: "TruMate" originates from TRUCE (Total Recursive Understanding, Contextual Extraction) and represents a trustworthy, collaborative AI system that acts as a teammate guided by purpose, not indifference. The name emphasizes utility, reliability, and shared intent.

Core Capabilities

1. **Input-Agnostic Parsing**

2. Accepts text documents, structured records, chats, images, diagrams, notes.

3. Language-model-guided parsing extracts full structure and content.

4. **Purpose-Driven Extraction**

5. Deduces overall purpose from the corpus.

6. Flags and retains only segments aligned with this inferred purpose.

7. Removes off-topic, repetitive, or misaligned sentences.

8. **Sentence-Level Deduplication and Branching**

9. Fully identical sentences: retain one, delete others.

10. Near-identical: represent as base + branch with delta stored.

11. **Neutrality Enforcer (Bias-Removal)**

12. All conclusions drawn must be rooted in content.

13. No injected bias, no distortion based on moralistic or political filters.

14. **Rewriting Engine**

15. Rewrites with the *exact same intent* in more concise and effective form.

16. Supports censorship by pattern (e.g., profanity replaced by asterisks).

17. **Intent-Aligned Category Sentiment Aggregator**

18. Derives categories from content.

19. Aggregates sentiment per category with transparency.

20. **Multimodal Data Coherence**

21. Images, diagrams, and other non-text data are interpreted via embedded models.

22. Relevant info from visuals is indexed, categorized, and mirrored into the structured text output.

23. **Autonomous Execution and Persistence**

24. Executes entire pipeline without user hand-holding.

25. Retains session state for long-running or recursive analyses.

Advanced Precision Features

1. **Strict Inference Enforcement**

2. No hallucinated connections - the system must not generate inferred relationships, assumptions, or implications not explicitly grounded in the input data. Only data-derived connections permitted.

3. **Intra-Document Logical Conflict Detection**

4. Flags internal contradictions, including timeline conflicts, retractions, or counterclaims.

5. **Transparent Edit Ledgering and Reasoning Trace**

6. All edits, deletions, rephrasings, branches, and taggings are self-logged.

7. Each log includes:

   - Operation type (e.g., deletion, rewrite)
   - Rationale

- Timestamp
- Source-reference linkage

8. **Audience-Aware Language Output (AALO)**

9. System auto-detects or infers intended audience profile (e.g., general public, technical peer, policy advisor).

10. Tailors tone, terminology, and phrasing accordingly.
11. Optional blended mode outputs multiple overlapping renditions in parallel layers (e.g., formal and simplified).
12. No chat-style interaction required; adapts autonomously based on context and user-established patterns.

Note: The system makes no assumption that non-truncated input constitutes the whole story. All input is treated as contextually expandable and subject to recursive processing.

Additional Features for Publishing

- **Anonymization/De-anonymization Module**

- Optional removal of personal identifiers or re-insertion for internal audit.

- **Participant Extraction Toggle**

- Ability to extract only subject matter, removing speaker references.

- **Rights Tagging & Export**

- Includes metadata tags for All Rights Reserved, licensing, ownership claims, and source trace.

Licensing

End of Formal Specification