



Appendix D: Glossary

Absent Field. A field category does not exist in the source at all.

Accumulating Context. Context that grows over time and can degrade signal if not managed.

Agent Capability. What the system can reliably do correctly, not what it can theoretically attempt.

Agentic Loop. The iterative cycle where an AI system reads context, decides on an action, executes it, and re-evaluates based on updated context.

Architecture Document. A record of what a system does and why it was built that way, used for governance and continuity.

Citizen Developer Model. An operating model where a small technical core enables a broader group to build and operate systems using AI tools.

CLAUDE.md. A configuration file that defines system behavior, including rules, constraints, and operational boundaries.

Conflicting Values. Multiple valid but inconsistent values for the same field within a dataset.

Context. The full set of information available to the model at any given step, including history, tool outputs, and instructions.

Appendix B: Chapter Map

CPTO (Chief Product & Technology Officer). A unified executive role responsible for both product direction and technical execution, eliminating the gap between what is built and why.

Empty Value. A field exists but contains no data.

False Positive. A flagged issue that is not actually a problem.

Flag. A signal indicating a potential issue requiring inspection or rule definition.

Human Review Routing. The escalation of cases to a human when the system cannot reliably resolve ambiguity or errors.

Null. A signal that a field was searched for and not found.

Persistent Context. Critical information intentionally kept prominent and stable across iterations.

Retry Loop. A mechanism that re-prompts the model to correct invalid output based on validation feedback.

Schema Validation. The process of checking model output against a defined structure to detect errors.

Structured Output. Model output constrained to a predefined format such as JSON for consistency and machine readability.

Appendix B: Chapter Map

System Prompt. The persistent instruction layer that defines the model's role, constraints, and expected behavior.

Tool. A callable function or system capability the model can invoke to interact with external systems.

Tool Call. A model-initiated action that executes a tool with structured inputs and returns results into the system context.