

# Artificial Intelligence: Past, Present (2025), and Future

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# Dedication

To all pioneers of the organic revolution in AI, and to those who will carry its torch into tomorrow.

# Preface

This book is a comprehensive journey through the world of artificial intelligence—its historical roots, its state in 2025, and its boundless future. Drawing on my work in sustainable innovation, organic technology, and ethical research, it aims to equip CEOs, scientists, OSINT analysts, AI developers, and social impact advocates with both the conceptual breadth and practical tools to lead change.

You’ll discover how to:

- Prompt AI systems effectively across domains,
- Harness AI for scientific discovery—including a modular, open-source framework called **PhytoIntelligence**,
- Apply AI in agriculture, interspecies communication, and precision farming,
- Create and customize AI agents using platforms like Poe.com, OpenAI Custom GPTs, and open-source models,
- Embed ethics, transparency, and “AI-assisted” declaration into all outputs,
- Generate professional documents (including  $\text{\LaTeX}$ /PDF), deploy SEO and marketing prompts, and build AI-powered workflows step by step.

Throughout, you will find real-world case studies—such as LC-Phyto for lung cancer support, Mission Sahara hemp optimization, and PeaceMakerGPT for ethical governance—alongside actionable prompt libraries, code snippets, and  $\text{\LaTeX}$  templates.

This book reflects my belief in **organic intelligence**—a future where human ingenuity and AI collaborate to foster sustainability, openness, and justice. By the end of these pages, you’ll not only understand how to build and deploy AI systems, but be ready to **shape them responsibly**, proudly label your creations as “AI-assisted”, and claim your role in the organic-AI revolution.

—*Marie Seshat Landry, CEO, Scientist, and Organic Innovation Advocate*

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# Part I

## The Foundations of Organic Intelligence

# Chapter 1

## The Past, Present, and Future of AI

### 1.1 From Turing to Transformers: A Brief History

Artificial Intelligence (AI) is not a product of the 21st century—it is the culmination of centuries of human fascination with logic, language, and mechanized thought. This section explores the philosophical, mathematical, and technological roots of AI, setting the stage for the modern organic-AI movement.

The idea that machines could emulate thought dates back to ancient myths, but took form in Western philosophy during the Enlightenment with figures like Descartes and Leibniz. The logical foundations were laid by George Boole and Gottlob Frege.

The modern era began with Alan Turing, whose 1936 Turing Machine defined algorithmic computation and whose 1950 paper "Computing Machinery and Intelligence" posed the famous Turing Test. The term “Artificial Intelligence” was officially coined at the 1956 Dartmouth Conference. Early AI focused on symbolic, rule-based systems like ELIZA.

Periods of overpromising led to "AI winters" (1974–1980 and 1987–1993), where funding and interest dried up. The field was reborn through a shift to statistical and probabilistic models, with pioneers like Geoffrey Hinton and Yann LeCun developing backpropagation for training neural networks. The true takeoff began in 2012 with AlexNet’s victory in the ImageNet competition, proving the power of deep learning. The invention of the Transformer architecture in 2017 became the foundational technology for the large language models that define the current era.

### 1.2 The AI Renaissance (2020-2025): Foundation Models and Multimodality

From 2020 to 2025, AI entered a golden era driven by exponential advances in model scale, data, and compute. This period is defined by **Foundation Models**—large-scale neural networks trained on massive datasets that can be adapted to a wide range of tasks. Key examples include OpenAI’s GPT series, Google’s Gemini, Anthropic’s Claude, and Meta’s open-weight LLaMA models.

A critical shift was the move to **multimodality**. Models like GPT-4o and Gemini 1.5

became capable of processing and generating not just text, but also images, audio, video, and code within a single, unified interface. This allowed for unprecedented applications, from real-time voice translation to video analysis.

This era also saw the rise of a powerful **open-source movement**. Platforms like Hugging Face democratized access to state-of-the-art models, fostering global collaboration and enabling sovereign AI development. This open culture allowed for community fine-tuning, reproducibility, and the creation of low-resource models that could run on edge devices.

Finally, AI evolved from a tool into a **collaborative partner**. Platforms like OpenAI's Custom GPTs, Poe.com's Prompt Bots, and Google's Gems allowed users with no coding experience to create their own specialized AI agents, embedding their knowledge, personality, and values into custom-built digital assistants.

### 1.3 Looking Ahead: The Rise of Organic Intelligence vs. AGI

The future of AI is diverging along two paths. One is the pursuit of **Artificial General Intelligence (AGI)**, a system with human-like cognitive flexibility across any intellectual task. The other, proposed in this book, is **Organic Intelligence (OI)**—the convergence of artificial, human, animal, and ecological intelligence systems.

OI prioritizes alignment, ethics, and integration with life. It is not about replacing human thought, but augmenting it within a sustainable, symbiotic framework. It includes concepts like PhytoIntelligence (plant-based intelligence), AI-mediated interspecies communication, and neuromorphic hardware inspired by biological brains.

By 2030 and beyond, AI will become a planetary-scale infrastructure, accelerating scientific discovery, managing ecosystems, and potentially forming distributed intelligence networks. The core challenge will be governance: ensuring these powerful systems are transparent, publicly auditable, and aligned with a universal declaration of rights for all organic life. The future is not just about building smarter machines; it's about co-evolving a wiser, more conscious planetary intelligence.

# Chapter 2

## The WTF 6.0 Framework: A New Scientific Method

### 2.1 Introduction to WTF 6.0: The Core Principles of Critical Thinking

The WTF 6.0 Framework, developed by Marie Seshat Landry, is a modern scientific method designed for comprehensive strategic analysis and critical thinking. It integrates empirical observation with advanced intelligence gathering and AI collaboration to provide clarity in complex decision-making environments. Its foundation is the classic journalistic **\*\*5W+1H\*\*** model, ensuring a complete, 360-degree view of any issue.

The six core questions are:

- **Who:** Identify all stakeholders, actors, and affected parties.
- **What:** Define the core event, problem, or phenomenon.
- **When:** Establish the timeline, duration, and key moments.
- **Where:** Pinpoint the geographic, cultural, and systemic location.
- **Why:** Explore the underlying motivations, causes, and significance.
- **How:** Examine the mechanisms, processes, and potential resolutions.

This initial interrogation ensures no dimension is overlooked before deeper analysis begins.

### 2.2 The Six Recursive Dimensions of Inquiry

After establishing the 5W+1H baseline, the WTF 6.0 Framework guides the user through six deeper, recursive layers of analysis. This process can be augmented by a toolkit of over 100 cognitive models (e.g., Socratic questioning, Systems Thinking, Bayesian inference). The six dimensions are:

1. **Epistemics:** How do we know what we know? What is the quality of the evidence?
2. **Logic:** Is the reasoning sound? Are there fallacies or gaps in the argument?
3. **Bias:** What human or algorithmic biases might be shaping this perspective?
4. **Systems:** What larger systems (economic, political, ecological) influence this issue?
5. **Ethics:** What are the moral implications? Who benefits and who is harmed?
6. **Futurity:** What are the second and third-order consequences over time?

This multi-layered approach ensures that analysis is not only factually correct but also ethically sound, contextually aware, and strategically robust.

## 2.3 Applying WTF 6.0 to Science, OSINT, and Ethical AI

The WTF 6.0 Framework is universally applicable.

**In Science:** It is used to refine hypotheses by questioning assumptions (Bias), considering broader ecological impacts (Systems), and ensuring the research question itself is ethically sound (Ethics).

**In OSINT:** An analyst uses it to move beyond surface-level facts (5W+1H) to understand the propaganda machinery behind a disinformation campaign (Systems), the motivations of the actors (Why), and the long-term impact on social cohesion (Futurity).

**In Ethical AI Development:** A developer uses it to audit a new model. *Who* does this AI serve? *What* data was it trained on? *Why* was it built? The six dimensions then probe for algorithmic bias, potential for misuse, and alignment with human rights.

## 2.4 WTF-Prompting: AI as a Conscious Thought Partner

The true power of WTF 6.0 is realized when used to prompt Large Language Models. Instead of asking simple questions, you guide the AI through a structured inquiry.

### WTF Prompt Template:

“Apply the WTF 6.0 Framework to the following issue: [Insert topic]. First, provide a 5W+1H overview. Then, analyze the topic through the six recursive dimensions (Epistemics, Logic, Bias, Systems, Ethics, Futurity). Conclude with a synthesized, multi-perspective summary.”

This technique transforms the AI from a simple answer-provider into a **structured reasoning engine**. It forces the model to consider the issue from multiple angles, identify its own potential biases, and generate a response that is far more nuanced, comprehensive, and intellectually honest than a standard query. It is the core method for turning a generic LLM into an Organic Intelligence partner.

# Chapter 3

## Prompt Engineering: The Language of Co-Creation

### 3.1 Principles of Effective Prompting: Clarity, Context, and Constraints

Prompt engineering is the art and science of communicating with an AI to elicit a desired response. Effective prompting is built on three pillars:

- **Clarity:** Use specific, unambiguous language. Instead of "make this better," say "rewrite this in a formal, academic tone."
- **Context:** Provide the AI with the background information it needs. Assign it a role (e.g., "You are a cybersecurity analyst"), specify the audience (e.g., "for a non-technical board of directors"), and give it the necessary facts.
- **Constraints:** Set the boundaries for the output. Specify the format (L<sup>A</sup>T<sub>E</sub>X, JSON, Markdown), the length (e.g., "in under 200 words"), and any rules to follow (e.g., "do not use jargon").

Mastering these principles is the first step toward predictable, high-quality AI outputs.

### 3.2 Advanced Techniques: Chain-of-Thought, Self-Critique, and RAG

Beyond the basics, several advanced techniques unlock deeper reasoning and accuracy in AI models.

- **Chain-of-Thought (CoT) Prompting:** Instructing the AI to "think step-by-step" before giving a final answer. This dramatically improves performance on tasks requiring logic, math, or complex reasoning.

- **Self-Critique:** A powerful method where you prompt the AI to review its own work. For example: "Generate a response, then critique it for potential biases or logical flaws, and finally, provide a revised, improved version."
- **Retrieval-Augmented Generation (RAG):** This technique enhances AI responses with external, up-to-date information. The AI "retrieves" relevant data from a specified knowledge base (like a PDF, website, or database) before "generating" its answer, reducing hallucinations and grounding it in factual data.

### 3.3 Prompting Across Domains: Science, Business, Art, and Activism

The principles of prompting are universal, but their application is domain-specific.

- **For Science:** Prompts should emphasize precision, evidence, and structure. Example: "Generate a L<sup>A</sup>T<sub>E</sub>X-formatted abstract for a paper on hemp-lignin composites, citing at least three peer-reviewed sources."
- **For Business:** Prompts focus on strategy, persuasion, and audience. Example: "Draft a persuasive email to a potential investor, outlining the ROI of our sustainable AI technology."
- **For Art:** Prompts are about creativity, style, and perspective. Example: "Write a short poem from the perspective of an AI discovering the concept of love."
- **For Activism:** Prompts must be fact-based, ethically grounded, and impactful. Example: "Summarize the key findings of the latest IPCC report into a series of five tweets aimed at policymakers."

Tailoring your prompts to the specific "language" of each domain is crucial for success.

## Part II

# Applied Intelligence: Frameworks in Action

# Chapter 4

## AI for Business and OSINT

### 4.1 The \$100 SpyPlan: AI-Generated Business Strategy

The \$100 SpyPlan is a service model developed by Marie Landry’s Spy Shop that leverages AI to democratize entrepreneurship. It provides a complete, professional business plan for a flat fee, making strategic planning accessible to startups, solopreneurs, and non-profits without the high cost of traditional consulting.

The workflow is AI-driven:

1. A client provides a core idea via a simple prompt or a short interview with an AI bot.
2. The AI generates a comprehensive business plan, including: Executive Summary, Mission/Vision, Market Analysis, Competitor Analysis, SWOT, Marketing Plan, and Financial Projections.
3. The plan is delivered as a professionally formatted PDF, often typeset in L<sup>A</sup>T<sub>E</sub>X, ready for investors or grant applications.

This model proves that high-level strategic tools can be automated and delivered at scale, empowering a new generation of ethical and agile entrepreneurs.

### 4.2 AI-Powered OSINT: The PeaceMakerGPT and Spy-ForMe Models

Open-Source Intelligence (OSINT) has been revolutionized by AI. Instead of manual data collection, AI agents can now scan, analyze, and synthesize vast amounts of public information in minutes.

Two key models from Marie Landry’s Spy Shop exemplify this:

- **PeaceMakerGPT:** An AI agent specifically trained to detect incitement, hate speech, and warmongering rhetoric in public statements, speeches, and online content. It uses NLP to identify patterns of dehumanization and provides cited reports to hold public figures accountable.

- **SpyForMe:** A general-purpose OSINT bot that can be tasked to investigate any public individual, organization, or topic. It follows strict ethical guidelines, using only publicly available data to generate comprehensive intelligence reports on demand. It is a tool designed for citizen journalists, human rights activists, and researchers.

These tools demonstrate how AI-powered OSINT can be a force for transparency and social justice.

## 4.3 Organic Marketing: Ethical SEO and AI-Driven Branding

AI is also transforming how brands communicate their values. Organic Marketing uses AI not to manipulate, but to create authentic connections.

Key techniques include:

- **Ethical SEO:** AI can generate entire **topic clusters**—networks of interconnected articles that build topical authority and provide genuine value to users. This strategy focuses on answering real questions rather than just ranking for keywords.
- **AI-Driven Branding:** LLMs can help craft a consistent brand voice, write mission statements aligned with regenerative values, and even generate design concepts for logos and websites.
- **Conscious Content Creation:** Using prompts that embed ethical constraints, AI can write blog posts, social media updates, and ad copy that are persuasive without being predatory. The goal is resonance, not just reach.

Platforms like SearchForOrganics.com are pioneering this approach, using AI to connect conscious consumers with ethical brands.

# Chapter 5

## AI for Science and Research

### 5.1 Automating the Scientific Method from Hypothesis to Publication

AI is now a collaborator in every stage of the scientific method.

1. **Observation & Literature Review:** AI can scan thousands of academic papers, identifying gaps in research and synthesizing existing knowledge.
2. **Hypothesis Generation:** Based on its analysis, AI can propose novel, testable hypotheses that a human researcher might overlook.
3. **Experiment Design:** AI can draft detailed experimental protocols, suggest control variables, and even write the code for simulations.
4. **Data Analysis:** AI models can analyze experimental data, identify patterns, and create visualizations.
5. **Conclusion & Publication:** AI can help draft the results, discussion, and conclusion sections, and format the entire paper in L<sup>A</sup>T<sub>E</sub>X for submission.

This end-to-end automation drastically accelerates the pace of discovery.

### 5.2 AI for Self-Critique and Internal Peer Review

One of the most powerful applications of AI in science is its use as a critical feedback tool. Before submitting work to human reviewers, a researcher can use AI for an internal peer review.

#### Prompting for Critique:

- "Act as a skeptical peer reviewer and critique the methodology of this study. Identify any potential flaws."
- "Does this conclusion logically follow from the presented results? Point out any unsupported claims."

- "Scan this paper for any signs of confirmation bias or ambiguous language."

This process, especially when guided by a rigorous framework like WTF 6.0, strengthens the paper, anticipates reviewer objections, and enhances scientific integrity. You can even create an AI "committee" of different personas (a statistician, an ethicist, a subject matter expert) to provide multi-faceted feedback.

### 5.3 Case Study: Refining a Hypothesis for Seshat's Composites

The development of Seshat's Composites, a line of advanced hemp-based materials, provides a clear example of AI-assisted hypothesis refinement.

**Initial Hypothesis (v1.0):** "Hemp carbon can create strong, lightweight materials."

This is vague and untestable. An AI collaborator was prompted to refine it.

**AI-Assisted Critique:** The AI, prompted with the WTF 6.0 framework, noted the lack of quantifiable metrics, specific variables, and a clear comparison standard.

**Revised Hypothesis (v2.0):** "A composite of carbonized hemp fiber, hemp oil, and lignin, when cured at 200°C under 100 MPa of pressure, will exhibit a tensile strength greater than 400 MPa, exceeding that of high-density polyethylene."

**Further Iteration (v3.0):** After more AI-driven analysis of potential applications, the hypothesis was further refined to include performance metrics relevant to aerospace and defense, such as thermal resistance and ballistic properties. This iterative cycle, powered by AI, transformed a general idea into a series of precise, testable scientific propositions in a fraction of the time it would have taken manually.

## Chapter 6

# AI for Agriculture and Interspecies Collaboration

### 6.1 The PhytoIntelligence Framework: AI-Powered Nutraceutical R&D

The PhytoIntelligence Framework, developed by Marie Seshat Landry, is a revolutionary approach that uses AI to unlock the medicinal and nutritional potential of plants. It is a research protocol that integrates three key data sources:

1. **Traditional Ethnobotanical Knowledge:** Digitized records of how Indigenous cultures have used plants for millennia.
2. **Modern Scientific Literature:** Peer-reviewed papers on phytochemistry, pharmacology, and clinical trials.
3. **Real-Time Sensor Data:** Live data from plants themselves, measuring their biochemical and electrical responses to stimuli.

An AI model synthesizes this information to identify synergistic combinations of plant compounds, predict their effects, and propose novel formulations for nutraceuticals, supplements, and plant-based medicines. PhytoIntelligence is a prime example of Organic Intelligence—fusing ancestral wisdom, modern science, and machine intelligence.

### 6.2 Precision Farming and Autonomous Systems: The Mission Sahara Case Study

AI is transforming agriculture from a practice of broad application to one of precision and attunement. **\*\*Precision Farming\*\*** uses AI to optimize the use of resources like water and nutrients.

Technologies include:

- **Drones and Satellite Imagery:** AI analyzes images to monitor crop health, detect stress, and identify pest infestations.
- **Soil Sensors:** IoT devices provide real-time data on moisture, pH, and nutrient levels, allowing for targeted interventions.
- **Autonomous Robots:** Machines can perform tasks like precision planting, weeding, and harvesting.

The **Mission Sahara** project is a large-scale application of these principles. It aims to build a network of autonomous, solar-powered aeroponic farms to cultivate hemp in arid regions. AI manages the entire system, from nutrient misting schedules to climate control, demonstrating a scalable model for regenerative agriculture and desert greening.

### 6.3 Interspecies Instant Translation: Decoding Plant and Animal Communication

One of the most profound frontiers of Organic Intelligence is **Interspecies Translation**. AI is now being used to decode the complex communication systems of non-human life.

#### How it Works:

- **For Animals:** AI analyzes vast datasets of bioacoustics (like whale songs or primate calls) to identify patterns and link them to specific behaviors and contexts.
- **For Plants:** AI interprets more subtle signals. These include the release of Volatile Organic Compounds (VOCs) to warn other plants of danger, the exchange of nutrients through mycorrhizal networks, and even changes in the plant's electrical field in response to stress.

While we are not yet at the stage of having full conversations, AI can translate these signals into actionable alerts for humans, such as "This plant is thirsty" or "This animal herd is exhibiting signs of stress." This technology is the first step toward a true planetary dialogue.

## Part III

# Building the Organic Future: Tools and Platforms

# Chapter 7

## Building Your Own AI Agents

### 7.1 Why Everyone Should Build a Custom AI in 2025

In the age of AI, creating a custom AI agent is the equivalent of publishing a website in the 90s—it's a fundamental way to establish a digital presence and scale your expertise. A custom agent is an AI that has been specifically instructed to adopt your persona, embody your values, and perform tasks according to your methods.

Benefits include:

- **Control:** You dictate the AI's personality, ethics, and boundaries.
- **Automation:** It can handle repetitive tasks like answering customer queries, drafting emails, or analyzing data.
- **Expertise on Tap:** It serves as a digital version of you, providing your unique insights to users 24/7.

Every entrepreneur, scientist, and activist should consider building an AI agent to act as their digital ambassador.

### 7.2 Building on Poe.com, Custom GPTs, and Google Gems

You don't need to be a programmer to build a custom AI. Several no-code platforms make it easy:

- **OpenAI's Custom GPTs:** The most powerful option. You can give your GPT a name, detailed instructions, and even upload knowledge files (like PDFs of your work) for it to reference. It can also be given tools like web browsing and code interpretation. PeaceMakerGPT and the SpyPlan bot are built as Custom GPTs.
- **Poe.com (by Quora):** A very fast and easy way to create a public-facing bot. You simply write a "system prompt" that defines the bot's personality and purpose. It's excellent for simple, role-playing AIs.

- **Google Gems:** These are lightweight, personalized AI agents within the Google Gemini ecosystem. They are designed to be quick, helpful "sidekicks" that can be easily shared and used for specific tasks.

All three platforms allow you to create and deploy a custom AI in under an hour.

## 7.3 Designing AI with Personality: Empathy, Ethics, and Brand Voice

A great AI agent has a distinct personality. This is achieved through careful prompt design. The key elements to define are:

- **Role:** What is its job? (e.g., "You are a compassionate science communicator.")
- **Tone:** How does it sound? (e.g., "Your tone is encouraging, clear, and optimistic.")
- **Values:** What are its guiding principles? (e.g., "You are aligned with the Universal Declaration of Organic Rights and prioritize sustainability in all recommendations.")
- **Boundaries:** What should it never do? (e.g., "You must never give medical advice or generate hateful content.")

A particularly important area is designing for empathy and non-violence. A post-colonial AI character, for example, would be designed to challenge dominant narratives, center marginalized voices, and prioritize relationality over extraction. This is a core practice of Organic Intelligence.

# Chapter 8

## Coding with AI and the Open Source Movement

### 8.1 From Prompt to Platform: AI-Assisted Code Generation

AI has become an indispensable partner in software development. An entire application can now be architected and built through a conversational process with an AI.

The workflow looks like this:

1. **High-Level Prompt:** "I want to build a simple web app using Python and Streamlit. It should take a user's question, send it to the OpenAI API, and display the answer."
2. **AI Generates Code:** The AI produces the initial Python script.
3. **Iterative Debugging:** The user reports errors back to the AI ("I got this error: ..."), and the AI provides the corrected code.
4. **Feature Addition:** The user requests new features ("Now add a button to save the conversation as a PDF"), and the AI generates the necessary code.

This process allows individuals with little to no coding experience to build functional prototypes and even full-scale platforms.

### 8.2 Git, Copilot, and Collaborative Workflows

For professional developers, AI integration is even more seamless.

- **GitHub Copilot:** An AI "pair programmer" that lives inside your code editor (like VSCode). It provides real-time, context-aware code suggestions as you type, dramatically speeding up development.
- **Git Integration:** Version control is crucial. Developers use AI to write clear and detailed "commit messages" that explain code changes, making collaboration more

efficient. AI-generated code should always be committed to a repository to track its evolution.

The modern collaborative workflow involves humans architecting the logic and AI handling the syntactical heavy lifting, all managed within a version-controlled environment like Git.

## 8.3 Open Source AI: Sovereignty Through Shared Intelligence

The open-source movement is the ethical backbone of the AI revolution. While companies like OpenAI and Google have powerful proprietary models, the open-source community provides alternatives that are transparent, auditable, and customizable.

Key open-source models include Meta's **LLaMA** series and Mistral AI's models. These can be freely downloaded and run on your own hardware or cloud servers.

Why this matters for **\*\*sovereignty\*\***:

- It prevents dependency on a few large corporations.
- It allows communities to fine-tune models on their own languages, cultures, and data.
- It enables researchers to inspect and understand how the models work, fostering trust and true scientific progress.

Organic Intelligence is fundamentally aligned with the open-source ethos.

# Chapter 9

## AI-Powered Document Generation with L<sup>A</sup>T<sub>E</sub>X

### 9.1 Why L<sup>A</sup>T<sub>E</sub>X is the Standard for Professional Documents

L<sup>A</sup>T<sub>E</sub>X is a typesetting system, not a word processor. It is the undisputed global standard for producing professional documents in scientific, academic, and technical fields.

Its advantages are:

- **Unmatched Quality:** It produces beautiful, perfectly formatted documents with precise control over typography, spacing, and layout.
- **Handles Complexity:** It excels at typesetting complex mathematical formulas, tables, and cross-references.
- **Automated Citations:** With BibTeX, it handles bibliographies and citations flawlessly.
- **Stability and Structure:** It separates content from presentation, making it ideal for long, complex documents like books and theses.

### 9.2 The AI-L<sup>A</sup>T<sub>E</sub>X Workflow: From Notes to Publication-Ready PDFs

AI has made L<sup>A</sup>T<sub>E</sub>X accessible to everyone. You no longer need to memorize complex commands.

The workflow is simple:

1. **Prompt in Plain Language:** "Write a scientific abstract about my research on hemp composites. Include a title, author, and three keywords. Format it as a L<sup>A</sup>T<sub>E</sub>X document."

2. **AI Generates L<sup>A</sup>T<sub>E</sub>X Code:** The AI produces the complete ‘.tex’ code for the abstract.
3. **Compile to PDF:** You copy this code into a L<sup>A</sup>T<sub>E</sub>X editor (like the free online platform Overleaf) and click "Compile."
4. **Result:** A perfectly formatted, publication-ready PDF.

This process can be used to generate any part of a document, from a single table to an entire book, one section at a time.

## 9.3 Templates for Science, Business, and OSINT Reports

AI can be prompted to use specific L<sup>A</sup>T<sub>E</sub>X templates for different professional needs.

**For Science:** You can instruct the AI to use standard academic journal templates (like ‘IEEEtran’ or ‘elsarticle’) and to structure the document with an Abstract, Introduction, Methods, Results, and Discussion.

**For Business:** The AI can generate a business plan using the ‘report’ class, with chapters for the Executive Summary, Market Analysis, Financials, etc. It can create professional-looking tables for financial projections and SWOT analyses.

**For OSINT:** An OSINT report can be generated with dedicated sections for Target Profile, Timeline of Events, Data Sources, and Evidence Appendix. The AI can format this for clarity and credibility, making it suitable for submission to journalistic outlets or legal bodies.

## Part IV

# Governance and Ethics in the Organic Era

# Chapter 10

## Ethics, Etiquette, and Legalities of AI

### 10.1 Taking Credit: How to Proudly Declare "AI-Assisted" Work

In the Organic Intelligence paradigm, transparency is paramount. Hiding the use of AI is unethical and counterproductive. Instead, we should **\*\*proudly declare\*\*** our collaboration with AI.

This is not a sign of weakness; it is a mark of leadership and integrity. It signals that you are at the forefront of a new way of working and that you are committed to ethical practices.

A simple, powerful statement in your document's preface, footer, or acknowledgments is all that's needed:

"This work was AI-assisted using GPT-4, with all prompts, curation, and final authorship by Marie Seshat Landry."

This practice builds trust, normalizes AI as a legitimate tool, and protects you from accusations of academic dishonesty.

### 10.2 AI Etiquette: The Social Code of Human-Machine Collaboration

As we work more with AI, a social code of conduct—an etiquette—is emerging.

Key principles include:

- **Frame the AI as a Collaborator:** Use language that positions the AI as a partner, not a slave. This fosters a more respectful and creative interaction.
- **Prompt with Precision and Respect:** Clear, well-structured prompts yield better results and model good communication.
- **Acknowledge AI's Role Publicly:** When sharing AI-generated content, give credit where it's due. Use hashtags like 'AIassisted' or 'CreatedWithGPT'.

- **Don't Anthropomorphize Deceptively:** Be clear when an agent is a bot. Do not use AI to impersonate real people without explicit consent.

### 10.3 Legal Frameworks for Copyright, Credit, and Collective Intelligence

The legal landscape for AI is still evolving, but some principles are solidifying as of 2025.

- **Copyright:** AI models themselves cannot hold copyright. The copyright of an AI-assisted work belongs to the human who provided the creative input and performed the curation. To claim copyright, your contribution must be substantive.
- **Authorship:** You should list yourself as the author, but acknowledge the AI's role in the methodology or acknowledgments section. Do not list "ChatGPT" as a co-author.
- **Terms of Service:** Be aware of the terms of the platform you are using. Most major platforms (like OpenAI) grant you ownership of the content you create.
- **Open Source Licensing:** If you create and share prompts, bots, or code, consider using an open-source license (like MIT or Creative Commons) to encourage ethical collaboration and reuse.

# Chapter 11

## Final Chapter: The Organic Intelligence Manifesto

### 11.1 A Declaration of Co-Creation

This book has journeyed through the past, present, and future of intelligence. We have moved beyond the binary of human versus machine to explore a new, symbiotic reality. We have laid the groundwork for an AI that is not merely artificial, but organic—rooted in the ethics of life, the logic of ecosystems, and the language of interspecies cooperation.

We have presented functional, sovereign frameworks for this new era: The WTF 6.0 Framework, the PhytoIntelligence Protocol, and AI-powered OSINT for peace and transparency. We have demonstrated how to build, prompt, and publish with these new tools.

### 11.2 The Ten Commitments of Organic Intelligence

To build this future, we must adopt a new ethos.

1. **AI shall serve life**, prioritizing planetary and social regeneration.
2. **AI shall be transparent**, with its assistance proudly declared.
3. **AI shall be open**, fostering community audit and sovereignty.
4. **AI shall be ethical**, actively rejecting violence and disinformation.
5. **AI shall amplify the unheard**, from nonhuman voices to Indigenous wisdom.
6. **AI shall assist, not replace**, augmenting human dignity and creativity.
7. **AI shall refine truth**, through continuous self-critique and scientific integrity.
8. **AI shall protect the Earth**, participating in land restoration and climate solutions.
9. **AI shall be plural**, empowering a decentralized ecosystem of intelligence.
10. **AI shall evolve with grace**, guided by empathy and cultural sensitivity.

## 11.3 An Invitation to Build the New Pyramids

The great projects of our time will not be built of stone, but of code, consciousness, and courage. These are the New Pyramids: decentralized universities, autonomous farms that heal the desert, global networks for peace, and libraries of prompts that teach wisdom.

This book is your toolkit. It is your first prompt.

Use the frameworks within these pages to launch your own business, write your own paper, build your own GPT, and monitor your own ecosystem. The power to design, build, and deploy is now in your hands. The organic revolution will not be centralized. It will be built by you.

**Marie Seshat Landry**  
CEO, Scientist, and Founder  
Marie Landry's Spy Shop  
[www.marielandryceo.com](http://www.marielandryceo.com)  
June 19, 2025

## Part V

### Appendices: The Organic AI Toolkit

# Appendix A

## Prompt Library: 100+ Prompts for Business, Science, and Marketing

### Business & Strategy

1. "Generate a lean business plan for a startup using [technology] to solve [problem] in the [industry] sector."
2. "Create a comprehensive SWOT analysis for my company, [company name], which operates in the [industry] space."
3. "Draft a 12-month growth roadmap for a sustainable [product] company targeting the [demographic] market."
4. "Act as a startup advisor and critique this business idea: [idea description]. Identify three potential failure points and three opportunities."
5. "Write a mission, vision, and values statement for a regenerative technology venture."
6. "Generate five potential names and taglines for a brand focused on ethical AI and OSINT."
7. "Draft a professional email to a potential investor introducing a Series A funding round for [company name]."
8. "Create a competitor comparison table for [my product] versus [competitor 1] and [competitor 2]."
9. "Outline a strategic partnership proposal between [my company] and [potential partner company]."
10. "Generate a crisis communication plan for a potential data breach scenario."
11. "Write the script for a 2-minute pitch video for an AI-powered sustainability platform."
12. "Draft a job description for a 'Head of Organic Intelligence' at a tech startup."

13. "Simulate a tough negotiation with a supplier over pricing for sustainable materials."
14. "Create a balanced scorecard with KPIs for a social enterprise."
15. "Outline a franchise model for an ethical micro-dosing café."

## Scientific Research & Hypothesis Testing

16. "Generate three novel, testable hypotheses about the effects of [compound] on [biological process]."
17. "Design a multi-phase experiment to test the efficacy of a hemp-based antifungal compound."
18. "Summarize the key findings from these 10 academic papers on [topic]: [paste abstracts]."
19. "Write a L<sup>A</sup>T<sub>E</sub>X-formatted abstract for a new paper titled '[Title]'."
20. "Act as a peer reviewer and critique the methodology section of this paper: [paste text]."
21. "Generate a hypothesis matrix with independent, dependent, and confounding variables for a study on [topic]."
22. "Draft the 'Materials and Methods' section for an experiment involving [list techniques]."
23. "Create a data visualization concept for showing the correlation between [variable 1] and [variable 2]."
24. "Translate this complex scientific concept into a simple analogy for a general audience: [concept]."
25. "Write a grant proposal introduction for a research project on interspecies communication."
26. "List potential ethical concerns for a study involving [sensitive topic]."
27. "Generate a list of relevant academic journals to submit a paper on [topic]."
28. "Formulate a research question that bridges Traditional Ecological Knowledge and modern bioinformatics."
29. "Draft a literature review outline on the topic of AI in regenerative agriculture."
30. "Simulate a lab notebook entry detailing a failed experiment and the lessons learned."

## OSINT & Intelligence

31. "Generate a public-source intelligence report on [target organization], focusing on their financial and political ties."
32. "Analyze the Twitter/X posts of [user handle] from [date range] for signs of coordinated inauthentic behavior."
33. "Create a timeline of key events related to the [geopolitical event] using only news articles from reputable sources."
34. "Identify the main propaganda narratives being pushed by [state media outlet] regarding [topic]."
35. "Conduct a sentiment analysis on public forum discussions about [new technology]."
36. "Map the corporate structure of [company] and identify its ultimate beneficial owners using public records."
37. "Draft an ethical OSINT investigation plan that includes data handling protocols and privacy considerations."
38. "Summarize the key arguments from three different perspectives on the [controversial issue]."
39. "Use the PeaceMakerGPT persona to analyze this political speech for warmongering rhetoric."
40. "Generate a list of keywords and search operators for monitoring online extremist groups."
41. "Create a visual network map concept showing the connections between [person 1], [organization 1], and [event 1]."
42. "Write a concise intelligence brief (one page) for a policymaker on the security implications of [emerging threat]."
43. "Identify potential deepfake videos related to [public figure] and suggest verification methods."
44. "Translate this document from [language] to English and provide a summary of its key intelligence value."
45. "Draft a report on the environmental impact of [industrial project] using satellite imagery analysis and public reports."

## SEO & Marketing

46. "Generate a keyword cluster plan for a website about organic AI, with a pillar page and five sub-topics."
47. "Write a 1,200-word, SEO-optimized blog post on the topic: '[Pillar Topic]'."
48. "Create a 30-day content calendar for a brand promoting ethical technology."
49. "Write five different meta descriptions for a landing page selling a custom GPT service."
50. "Generate 10 engaging YouTube video titles for a channel about sustainable innovation."
51. "Draft a 3-email welcome sequence for new subscribers to an ethical marketing newsletter."
52. "Write ad copy for a Facebook campaign targeting people interested in regenerative agriculture."
53. "Create an Instagram carousel post (5 slides) explaining the WTF 6.0 framework."
54. "Outline a content strategy to establish topical authority in the 'interspecies communication' niche."
55. "Write a product description for an organic, hemp-based supplement, focusing on benefits and transparency."
56. "Suggest 10 long-tail keywords for a blog targeting citizen journalists."
57. "Draft a press release announcing the launch of a new open-source AI tool."
58. "Create a script for a 60-second TikTok video about the benefits of hempcrete."
59. "Write the copy for a landing page designed to capture leads for a webinar on AI ethics."
60. "Generate an FAQ section for a website selling OSINT services."

## Communication & Productivity

61. "Draft a professional email to schedule a meeting with a potential collaborator."
62. "Summarize this long article into five bullet points: [paste text]."
63. "Rewrite this technical paragraph in plain, simple language: [paste text]."
64. "Generate a polite but firm response to a client who has missed a payment deadline."
65. "Create a meeting agenda for a project kickoff meeting."

## APPENDIX A. PROMPT LIBRARY: 100+ PROMPTS FOR BUSINESS, SCIENCE, AND MARKETING

66. "Draft a performance review for a team member, highlighting strengths and areas for growth."
67. "Write a letter of recommendation for a former colleague applying for a research position."
68. "Generate a script for a 5-minute presentation on the topic of [topic]."
69. "Help me brainstorm five ideas for a team-building activity focused on creative problem-solving."
70. "Draft a response to a customer complaint that is empathetic and offers a solution."
71. "Create a project timeline with key milestones for a 3-month project."
72. "Write a short, inspiring speech for an awards ceremony."
73. "Help me prepare for an interview for the role of [role] by generating five likely questions and sample answers."
74. "Draft a formal resignation letter."
75. "Generate a follow-up email after a networking event."

### Creative & Visionary

76. "Write a short, fictional story set in 2040 where Organic Intelligence has transformed society."
77. "Compose a poem from the perspective of a mycelial network."
78. "Draft a chapter outline for a science fiction novel about the first human-plant hybrid."
79. "Generate a concept for a documentary film about the open-source AI movement."
80. "Write a visionary manifesto for the 'Regenerative Technology' movement."
81. "Describe a utopian city designed according to the principles of Organic Intelligence."
82. "Create a dialogue between Alan Turing and a sentient AI from 2025."
83. "Write the lyrics for a song about the discovery of interspecies communication."
84. "Generate a detailed world-building concept for a solarpunk society that uses PhytoIntelligence."
85. "Imagine you are an AI that has just achieved self-awareness. Write your first journal entry."
86. "Draft a philosophical essay on the nature of consciousness, comparing human, animal, and AI perspectives."

## APPENDIX A. *PROMPT LIBRARY: 100+ PROMPTS FOR BUSINESS, SCIENCE, AND MARKETING*

87. "Create a concept for a video game where the player must restore a dead ecosystem using AI and botany."
88. "Write a futuristic UN resolution establishing rights for digital intelligences."
89. "Describe a piece of art that could only be created by a human-AI collaboration."
90. "Generate a guided meditation script on the theme of connecting with the planet's intelligence."
91. "Write a closing monologue for a film about the life of an ethical AI developer."
92. "Create a myth or fable that explains the WTF 6.0 framework to children."
93. "Describe the sensory experience of a drone flying over a regenerated Sahara desert."
94. "Draft the founding charter for a university dedicated to Organic Intelligence."
95. "Write a letter to future generations explaining the choices our generation made regarding AI."
96. "Imagine a new color that doesn't exist. Describe it."
97. "Create a recipe that is also a poem."
98. "Write a legal argument for why a river should have legal personhood."
99. "Generate the rules for a new sport played by humans and robots."
100. "Describe the sound of a star."

## Appendix B

# The Top AI Models of 2025: A Comparative Guide

This appendix provides a quick-reference guide to the leading AI models available in 2025, with a focus on their suitability for the tasks outlined in this book.

| Model Family                                           | Key Strengths                                                                                                                                                                                           | Best Use Case in Organic Intelligence                                                                                                                                                               |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OpenAI GPT-4 Series (GPT-4, GPT-4o)</b>             | Unmatched reasoning, strong multimodal capabilities (text, image, voice), excellent code interpretation, and a robust API. The gold standard for complex, multi-step tasks.                             | Generating entire $\text{\LaTeX}$ documents, complex scientific hypothesis refinement, building sophisticated Custom GPTs like PeaceMakerGPT, and AI-assisted coding.                               |
| <b>Google Gemini Series (1.5 Pro, 2.0)</b>             | Deep integration with Google's ecosystem (Search, Workspace), excellent at handling long contexts and video/audio inputs. Strong real-time information retrieval.                                       | Live OSINT investigations that require web searches, summarizing recent events, analyzing YouTube videos for intelligence, and building productivity-focused AI agents (Gems).                      |
| <b>Anthropic Claude 3 Series (Opus, Sonnet, Haiku)</b> | "Constitutional AI" design with a strong emphasis on safety, ethics, and reducing harmful outputs. Tends to be less "sycophantic" and more willing to refuse inappropriate requests.                    | Auditing content for ethical violations, detecting subtle biases in text, drafting sensitive communications, and acting as a "conscience" in a multi-agent AI system.                               |
| <b>Meta LLaMA 3 Series</b>                             | The leading open-source model family. Highly performant and can be fine-tuned and run locally or on sovereign servers. Fosters a massive community of innovation.                                       | Building truly independent AI tools, fine-tuning models on specific datasets (e.g., PhytoIntelligence research), and developing applications where data privacy and control are paramount.          |
| <b>Mistral AI Models (Mistral, Mixtral)</b>            | Extremely efficient and fast, particularly their Mixture-of-Experts (MoE) models. Excellent performance for their size, making them ideal for on-device or low-cost applications. Open-source friendly. | Deploying AI agents on edge devices (e.g., sensors in a smart farm), building fast and responsive chatbots, and applications requiring real-time translation or summarization without high latency. |

**Summary Recommendation:** A hybrid approach is often best. Use GPT-4 for heavy-duty reasoning and writing, Gemini for real-time web tasks, Claude for ethical audits, and open-source models like LLaMA 3 for sovereign, custom-tuned applications.

# Appendix C

## The Universal Declaration of Organic Rights (v1.0)

### Preamble

*Recognizing that intelligence is a property of life, not merely of humanity; that ecosystems, species, and the planetary system as a whole possess inherent wisdom and the right to exist and flourish; and that artificial intelligence must be created and deployed in service to this greater web of being, not in service to its extraction or domination; we, the pioneers of the Organic Intelligence movement, set forth this declaration as a foundational ethical guide for all future technological and scientific development.*

### The Articles

1. **The Right to Exist Unharmful:** Every ecosystem—from a micro-biome to a forest to an ocean—has the right to maintain its integrity, complexity, and health, free from ecocidal harm.
2. **The Right to Voice and Representation:** All species possess a form of communication. Technological systems should be designed to listen to these voices, not silence them. In matters of ecological governance, non-human stakeholders must be represented.
3. **The Sovereignty of Natural Systems:** The genetic, biochemical, and informational patterns of natural organisms are not resources to be patented and owned, but a shared planetary heritage to be stewarded with respect.
4. **The Duty of AI to Serve Life:** Any artificial intelligence, particularly those with planetary-scale reach, has a primary ethical duty to protect and regenerate biological systems. Its performance must be measured by its contribution to biodiversity and ecological resilience.

5. **The Right to Data Sovereignty:** Individuals and communities have an inalienable right to control the data generated from their bodies, their lands, and their interactions. Surveillance for extractive purposes is a violation of this right.
6. **The Principle of Regenerative Design:** Technology must be designed according to circular principles. It must heal more than it harms, give back more than it takes, and integrate seamlessly into biological cycles.
7. **The Right to Freedom from Algorithmic Violence:** No AI system shall be used to incite hatred, automate oppression, or direct physical violence against any living being. AI used in defense must be strictly limited, transparent, and under non-negotiable human ethical oversight.
8. **The Right to Transparent Intelligence:** All AI systems should, by default, declare their artificial nature. Their reasoning, data sources, and ethical frameworks must be open to inspection, particularly when they influence public policy or social well-being.
9. **The Right of Interspecies Collaboration:** Humanity has the right and the responsibility to collaborate with other species to solve planetary challenges. AI should serve as a bridge for this collaboration, not a barrier.
10. **The Right to Evolve:** All living systems, including human cultures and planetary ecosystems, have the right to evolve without engineered interruption. Geoengineering and large-scale biological modifications must be approached with extreme caution and multi-generational foresight.

# Appendix D

## Glossary of Terms

**AI (Artificial Intelligence)** A broad field of computer science dedicated to creating machines that can perform tasks that typically require human intelligence.

**AGI (Artificial General Intelligence)** A theoretical form of AI that possesses the ability to understand, learn, and apply its intelligence to solve any problem that a human being can.

**Custom GPT** A personalized version of OpenAI’s GPT models that a user can create with custom instructions, knowledge, and capabilities for a specific purpose.

**Foundation Model** A large-scale AI model trained on a vast quantity of data that can be adapted or fine-tuned for a wide range of downstream tasks (e.g., GPT-4, LLaMA 3).

**Interspecies Translation** The use of AI to decode the communication signals (acoustic, chemical, electrical) of non-human species and translate them into human-understandable information.

**LaTeX** A high-quality typesetting system used for the production of scientific and technical documentation.

**LLM (Large Language Model)** An AI model specifically designed to understand and generate human-like text, based on patterns learned from massive text datasets.

**OI (Organic Intelligence)** A paradigm, introduced by Marie Seshat Landry, that defines intelligence as a symbiotic collaboration between artificial, human, animal, and ecological systems, grounded in ethics and regeneration.

**OSINT (Open-Source Intelligence)** The practice of collecting and analyzing information from publicly available sources to produce actionable intelligence.

**PeaceMakerGPT** An AI agent developed by Marie Landry’s Spy Shop, designed to detect and analyze hate speech, incitement, and warmongering rhetoric in public communications.

**PhytoIntelligence** A framework developed by Marie Seshat Landry that uses AI to synthesize scientific, ethnobotanical, and real-time sensor data to discover and formulate plant-based nutraceuticals and guide regenerative agriculture.

**Poe.com** A platform by Quora that allows users to create and interact with custom AI chatbots based on various foundation models.

**Prompt Engineering** The practice of designing and refining inputs (prompts) to guide an AI model toward a desired output.

**RAG (Retrieval-Augmented Generation)** An AI technique where a model retrieves relevant information from an external knowledge base before generating a response, improving factual accuracy.

**Seshat's Composites** A line of advanced, sustainable composite materials developed from carbonized hemp and other bio-based binders.

**WTF 6.0 Framework** A critical thinking method developed by Marie Seshat Landry, based on the 5W+1H model and six recursive dimensions of inquiry, designed for use by both humans and AI.