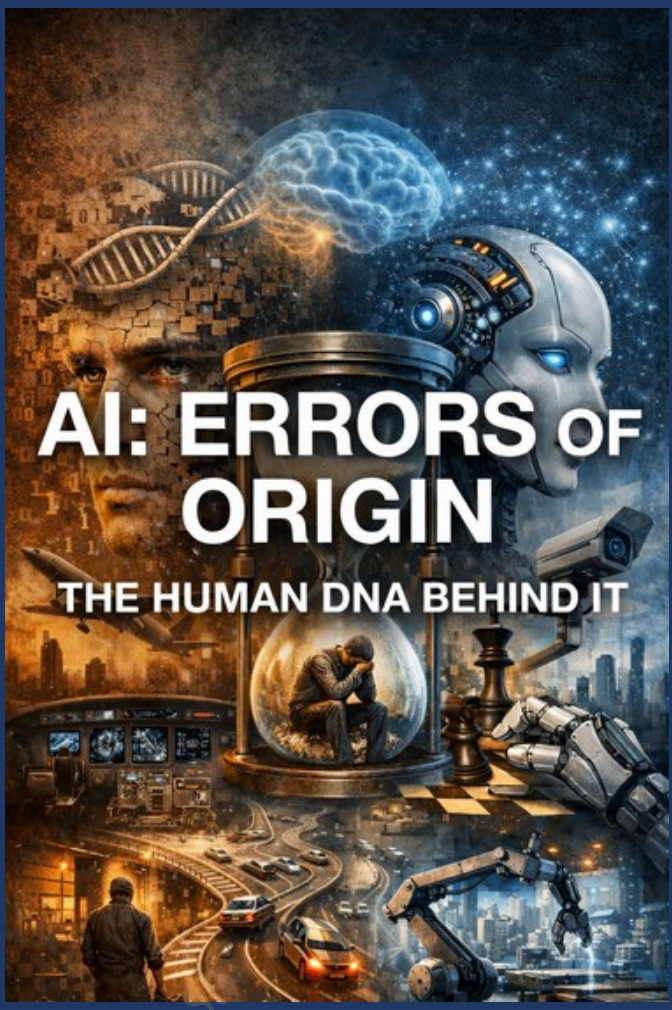
AI: ERRORS OF ORIGIN
THE HUMAN DNA BEHIND IT

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AI: ERRORS OF ORIGIN THE HUMAN DNA BEHIND IT

Artificial intelligence did not arrive as a revolution; it arrived as a mirror. What it reflects is not a superior mind, but a compressed replica of our own limitations. Every model is a statistical reconstruction of the biases, omissions, and distortions we fed into it. The machine does not transcend humanity — it exposes it.

Hallucinations are not failures of AI but reflections of gaps in human knowledge. Behind every output lies a chain of human choices: what to

include, exclude, label, or suppress. We created an imperfect system and then pretended it was objective.

In structured domains like aviation, AI reveals the fragility of human performance. But on the chaotic road, where unpredictability dominates, the limits of prediction become visible. The machine thrives in order and hesitates in entropy, showing that “general intelligence” remains constrained by the environment.

A deeper shift unfolds beneath the surface: machines learn collectively, instantly, and without forgetting, while human learning is fragmented and slow. This divergence creates a future where technological evolution outpaces human adaptation.

Yet the greatest resistance is psychological. People prefer a fallible human over a statistically safer algorithm because agency feels safer than accuracy. The empty cockpit frightens more than the data ever will.

Meanwhile, human competence erodes quietly. When machines act and humans merely supervise, mastery fades. What declines is not just skill, but the identity once built through doing and deciding.

AI is not redefining the future; it is unraveling the present. And in that unraveling, it forces an unavoidable question: what does the machine reveal about us?

Sample – Chapter 1: THE BINARY ARCHIVE: THE HIDDEN MIRROR OF THE HUMAN MIND

The public debate on artificial intelligence overlooks its central component: the binary archive. This archive, which constitutes the trained model, is not an independent reasoning system. It is a technical object. It is a container of human-origin information, massively compressed, previously selected and filtered. Its primary function is to reproduce the statistical patterns present in the data it was fed. This operation necessarily includes the replication of distortions, omissions, and biases embedded in the original information.

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EXTRAS

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COMPARATIVE TABLES (IMAGES)

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The table below is one of the 10 to 15 included in the complete book, offering additional perspectives to view the topics from other angles.

TABLE 2: OPERATIONAL SAFETY IN AVIATION

(Based on Chapter 4 and Chapter 8)

PARAMETER	HUMAN PILOT	AI AUTOPILOT / AUTONOMOUS SYSTEM
Primary Cause of Accidents	Human factors: Fatigue, stress, distraction, disorientation (60-80% of cases).	Systemic failures: Software bugs, sensor degradation, or unforeseen edge cases.
Adherence to Procedure	High, but susceptible to complacency or violation of protocols.	**Absolute (100%)**: Strictly follows code and operational limits.
Response Time	Seconds (requires perception, processing, and physical action).	Milliseconds (direct data-to-action processing).
Crisis Management	Capable of creative improvisation in unknown scenarios (e.g., Flight 232).	Limited to pre-trained scenarios; struggles with events outside its training data.
Consistency	Variable (depends on sleep, health, mood).	Constant; does not suffer from biological degradation.

TABLE 1: THE NATURE OF INTELLIGENCE VS. THE BINARY ARCHIVE

(Based on Chapters 1, 2, and 3)

FEATURE	HUMAN MIND	ARTIFICIAL INTELLIGENCE (BINARY ARCHIVE)
Core Nature	Biological, reasoning-based system capable of abstract thought.	Technical object; a compressed archive of statistical patterns.
Knowledge Source	Lived experience, sensory perception, and study.	Incomplete fragments of human data (internet, databases) filtered by corporate criteria.
Creativity	Capable of genuine invention and breaking established rules.	Recombines existing patterns; "novelty" is mathematical extrapolation (e.g., AlphaFold).
Nature of Error	Fatigue, cognitive bias, emotional distraction, or lack of knowledge.	**"Hallucination"**: Generating statistically probable but factually false sequences.
Understanding	Understands meaning, context, and truth.	Does not understand meaning; predicts the next probable word based on weights.