Human + AI

Building the Workforce for the Next Era

Human Zero

Guardian AI

Awarding-winning AI Technology Provider who specializing in:

- Enterprise Chatbot & Retrieval Augmented Generation (RAG)
- Model Context Protocol (MCP)
- Workflow Automation
- AI Agent
- Claude & OpenAI Custom Skills Tailoring and Integration
- AI Safety & Red-Teaming
- Custom AI Solution

Our solutions harmonize AI technology with human experiences, empowering businesses to achieve smarter, more intuitive, and efficient operations. We redefine what's possible, setting new standards for innovation and the human touch in the digital age.

Featured in:

THE STANDARD · ไทยรัฐออนไลน์ · TECHSAUCE · THE STANDARD WEALTH · efinance · MB การเงินธนาคาร

ECHELON X · e27 · accenture · Thai PBS

Site References

Speaker, Trainings, Bootcamps, and Workshops

GuardianAI

Guardian AI

WINNER

Public Goods, Taiko Labs, ETHGlobal Tokyo 2023

ETHGlobal

1st runner-up

SCB10x, Blockathon 2023

SCB 10X

Leadership in AI

Sathapon Patanakuha, CEO of Guardian, was appointed as Advisor on National Artificial Intelligence (AI) Strategy Committee, Parliament of Thailand

AIGC

AI GOVERNANCE CENTER
by ETDA

BUILDING TRUST AND PARTNERSHIP
FOR AI-BASED DIGITAL SERVICES

AI Governance Clinic Expert Fellows

Dr.Sak Segkhoonthod
Senior Advisor of ETDA

Dr.Pinnaree Tea-makorn
Lecturer and AI Strategist at Sasin Scho
Management

Assoc. Prof. Dr. Bhumindr Butr-Indr
Lecturer in Economic Law, Faculty of Law
Thammasat University

Dr. Saliltorn Thongmeensuk
esearch Fellow, Digital Law and Infrastructure
Regulation, Thailand Development Research
Institute (TDRI)

Piyalitt Ittichaiwong, M.D., MSc.
Medical AI Researcher at SIData+, Siriraj
hospital, Co-founder, PreceptorAI powered by
CARIVA (Thailand)

Dr. Sarawoot Kongyoung
Research Assistant, Researcher of Artificial
Intelligence Research Group (AINRG), National
Electronics and Computer Technology Center
(NECTEC)

Sathapon Patanakuha
CEO & Founder Guardian AI Lab

and many more experts from academics and industries

คณะกรรมการ AIEAT วาระ 2568 – 2569

ดร.ชาญวิทย์ บุญช่วย
CEO, SYNAPES

กล้า ตั้งสุวรรณ
CEO, WISESIGHT

วิภาส สุตันตยาวลี
CDA, PROMES

ดร.ทัชนันท์ กังวานตระกูล
CEO, ISEM

ดร.วินน์ วรวุฒิคุณชัย
CEO, iBOTNOI

ดร.พณชิต กิตติปัญญางาม
CEO, ZTRUS

ดร.กอบกฤตย์ วิริยะยุทธกร
CEO, iApp Technology

ดร.วโรดม คำแผ่นชัย
CEO, AltoTech Global

วันดี วัฒนกฤษฎ์
CEO, MUI Robotics

สถาพน พัฒนะคูหา
CEO, Guardian AI Lab

ทัชพล ไกรสิงขร
CTO, Amity Solutions

สุพิชญา พู่พิสุทธิ์
CEO, Perceptra

สุชาธิษณ์ บุนนาค
CEO, Interroot

สุกฤษฎ์ จุลพันธ์
CEO, TecTony

AI Alliance | Meta | IBM | Hugging Face

The AI Alliance is a collaborative network of companies, startups, universities, research institutions, government organizations, and non-profit foundations that are working at the forefront of AI technology, applications, and governance.

We unite top developers, scientists, academic institutions, companies, and policymakers to create the future of open, safe, and responsible AI.

AI Alliance proudly welcomes

Sathapon Patanakuha

CEO, Guardian AI

as

AI Alliance Ambassador - Thailand

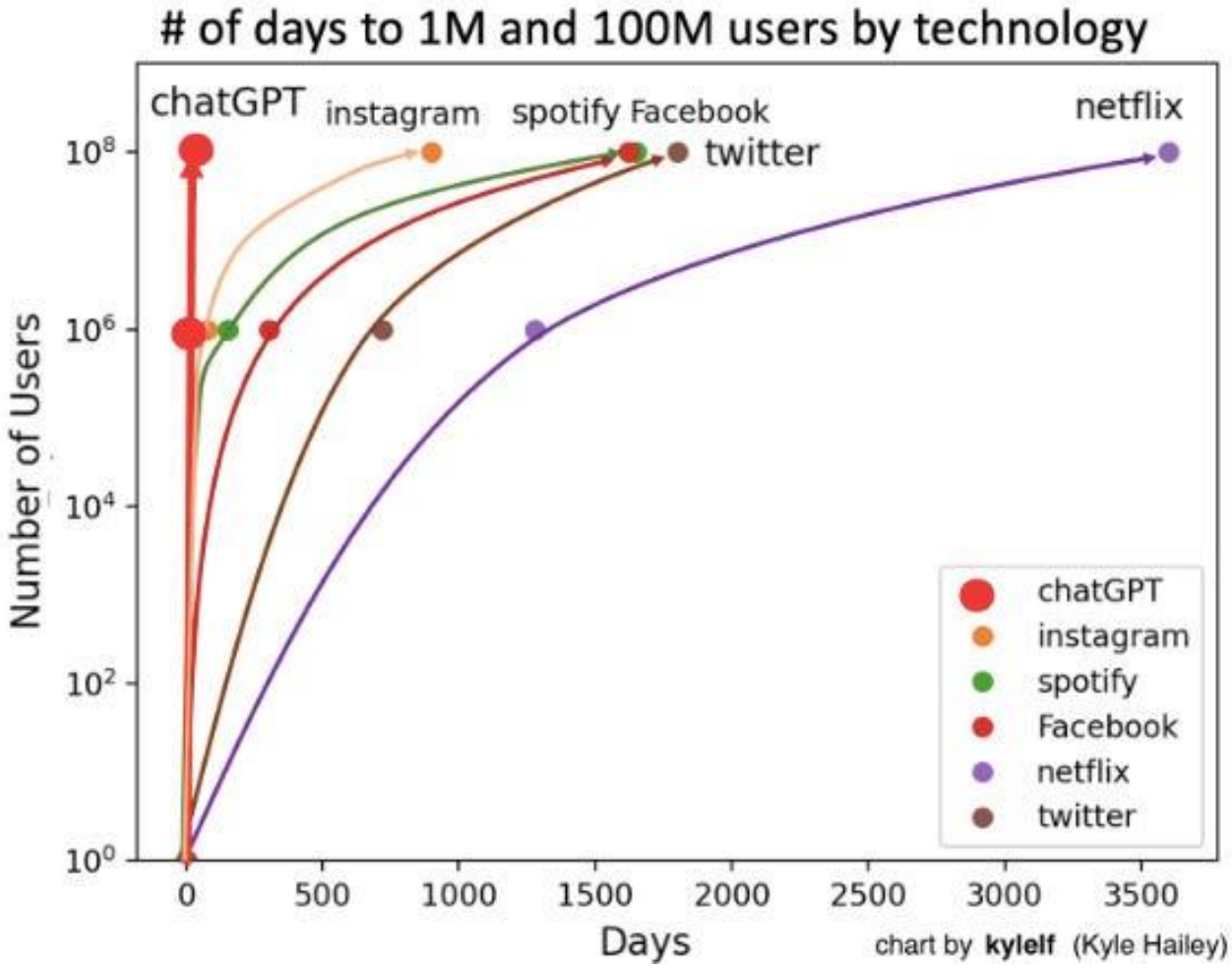
Guardian AI

Human Zero

What Changed in the World?

AI is the most rapidly adopted technology in history

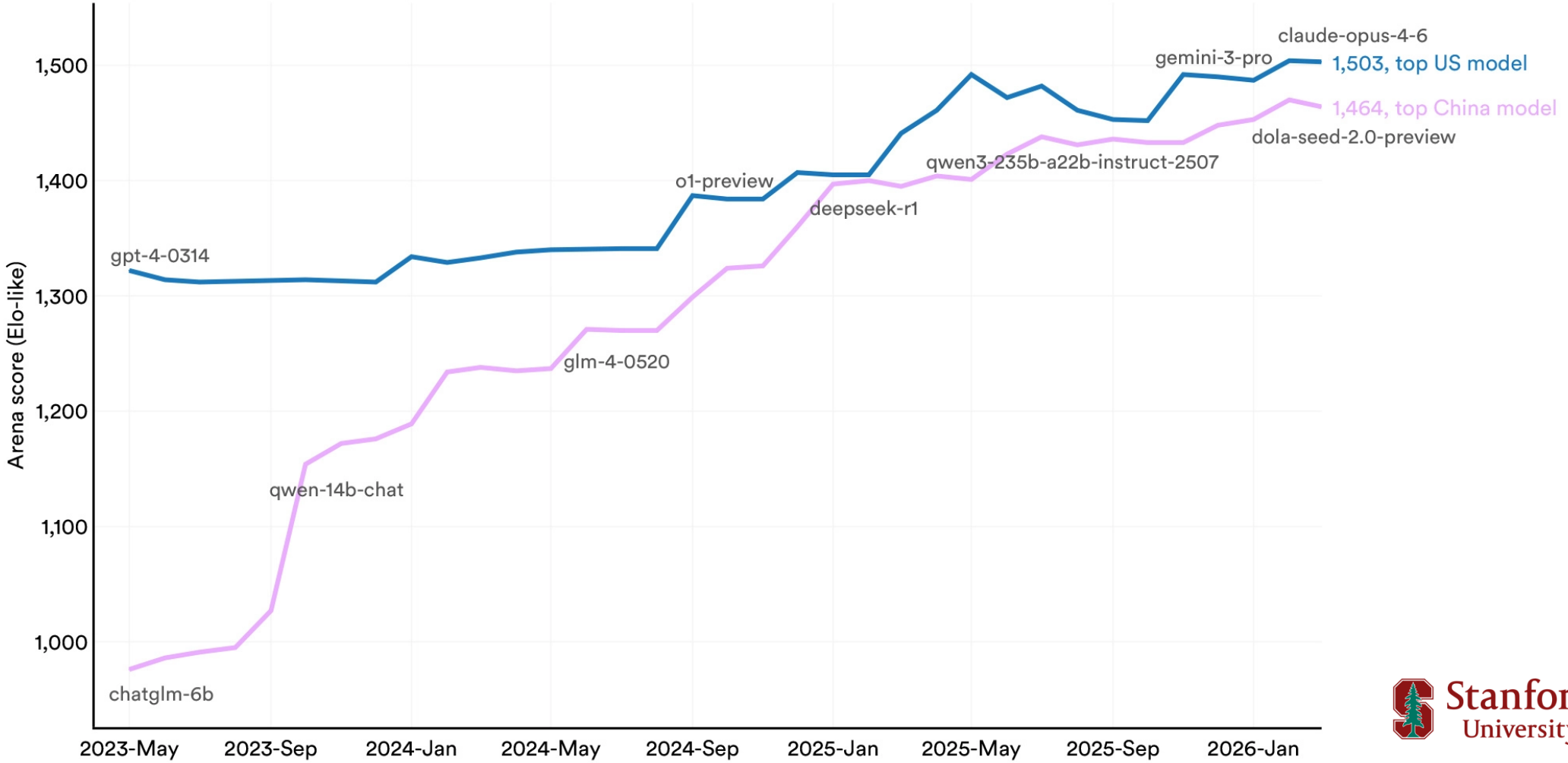
Human Zero



Ref: https://johnnosta.medium.com/the-most-important-chart-in-100-years-1095915e1605

Performance of top United States vs. Chinese models on the Arena

Source: Arena, 2026 | Chart: 2026 AI Index report



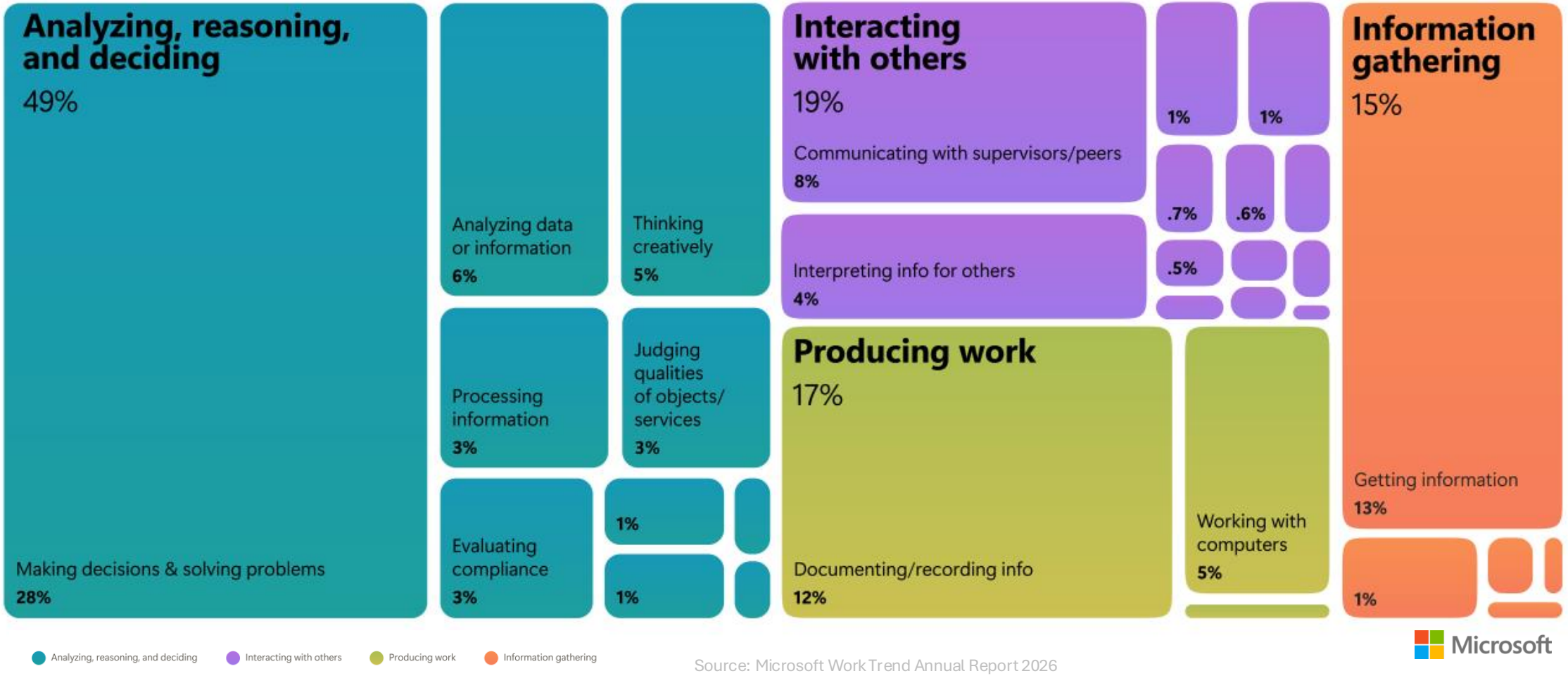
Human Zero

Stanford University

From Expertise to Agency: AI expands who can do high-value work

Human Zero

Nearly half of Microsoft 365 Copilot chat use supports analysis, decisions, and problem-solving—the kind of high-value work that once required deep expertise. The rest helps people work with others (19%), produce outputs (17%), and find information (15%)



Microsoft

Source: Microsoft Work Trend Annual Report 2026

Human Zero

Microsoft

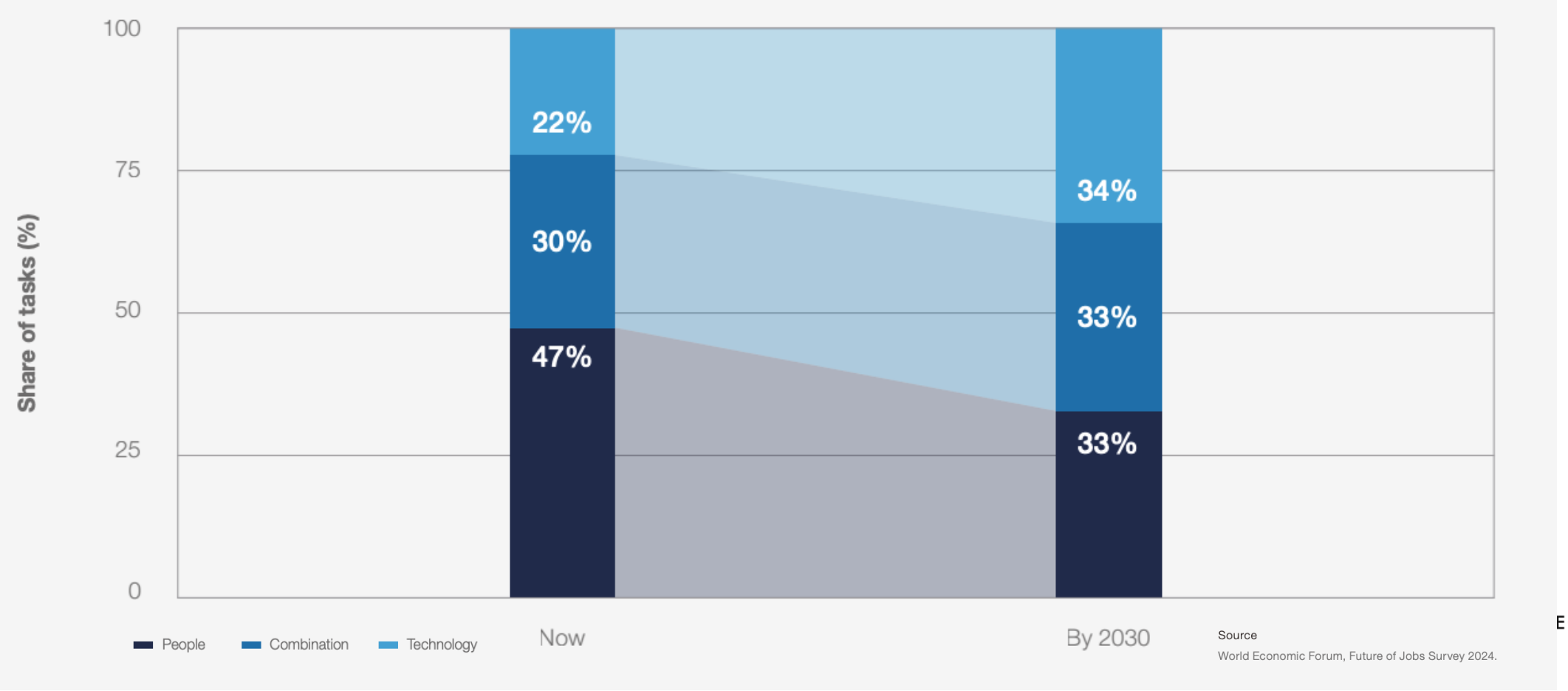
58% of AI users say they're producing work they couldn't have a year ago. That rises to **80%** among Frontier Professionals, the most advanced AI users in our research.

Australia: --
Brazil: 72%, 82%
France: 49%, 72%
Germany: 54%, 78%
India: --
Italy: 55%, 76%
Japan: 43%, 71%
Netherlands: 50%, 72%
UK: 63%, 85%
US: 58%, 81%

Source: Microsoft Work Trend Annual Report 2026

The shifting human-machine frontier: automation versus augmentation, 2025-2030

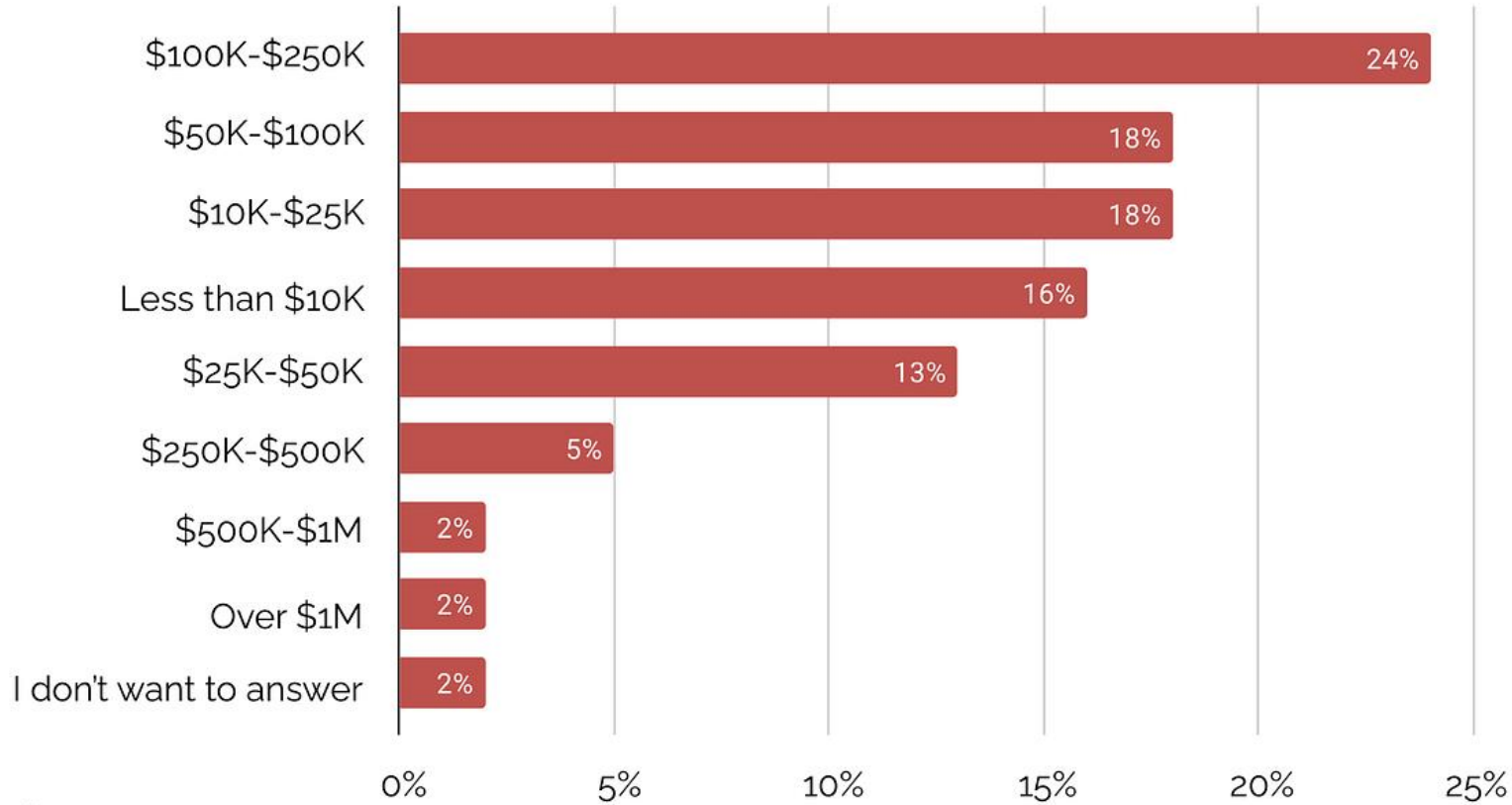
Human Zero



WORLD ECONOMIC FORUM

Human Zero

Average revenue, yearly, USD equivalent



adrianatica
strategic af

adrianatica.com

Source: State of Solopreneurship 2026

Human Zero

Anthropic boss predicts first one-person $1bn company by year end

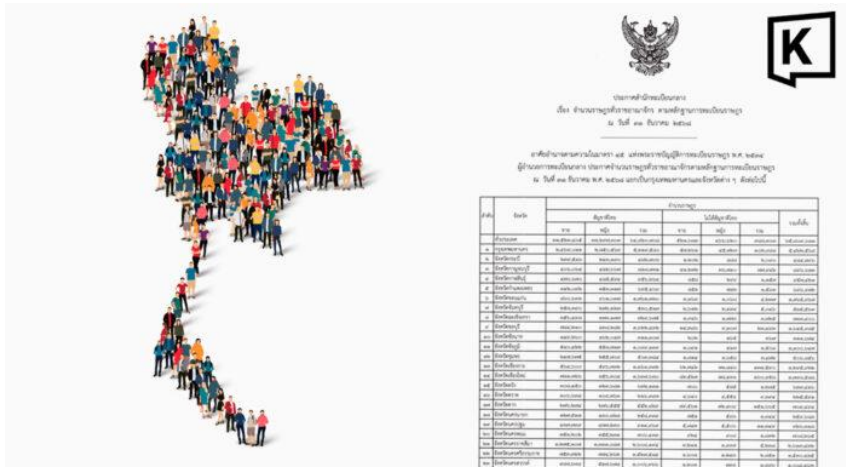
Dario Amodei expects artificial intelligence to drive a seismic shift in entrepreneurship as he and Elon Musk make up with SpaceX deal

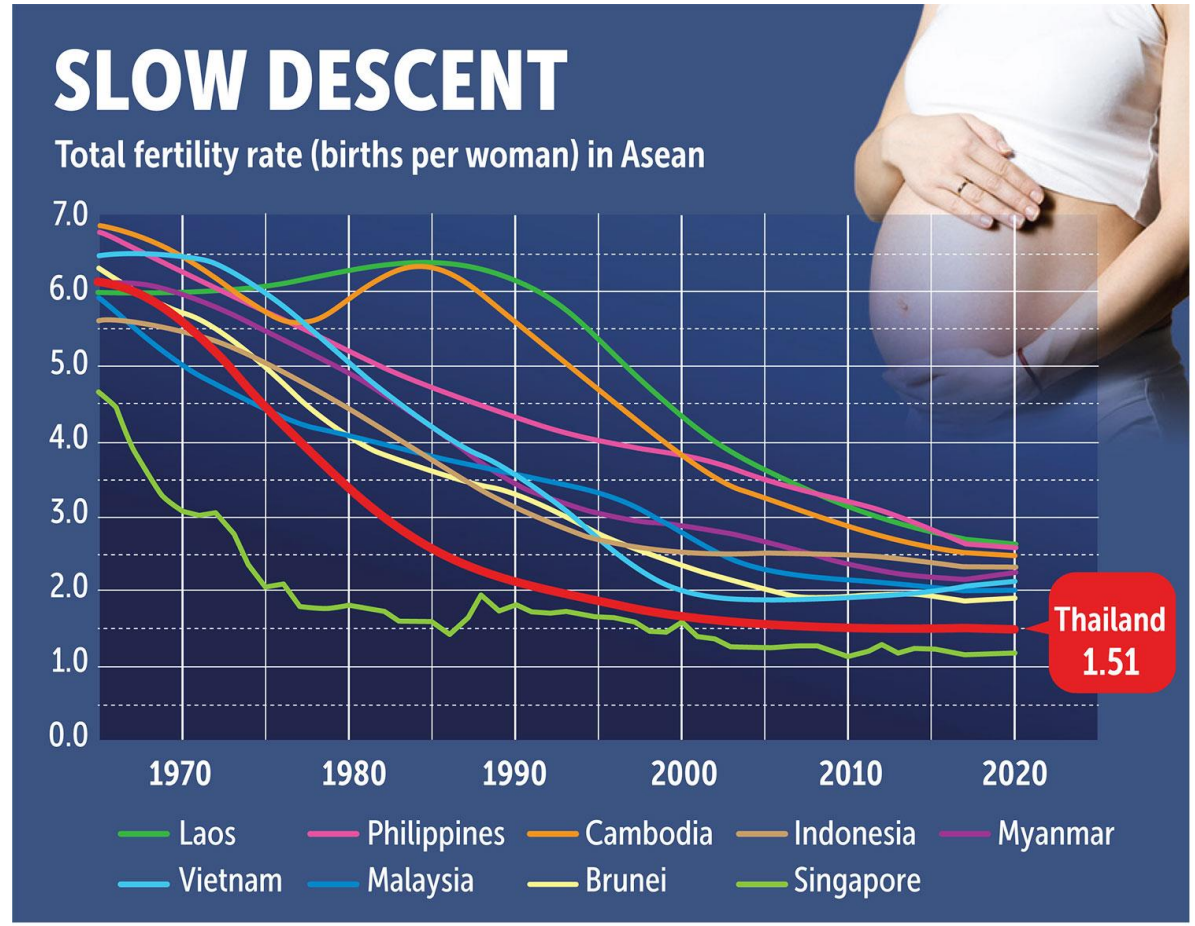
Home › News › Thailand's population shrinks down to 65.8 million

NEWS

THAILAND'S POPULATION SHRINKS DOWN TO 65.8 MILLION

By Khaosod English - 27 March 2026, 13:01





Source: World Bank, Royal Thai College of Obstetricians and Gynaecologists BANGKOK POST GRAPHICS

Human Zero

What Changed	Organizational Challenge
AI is the fastest adopted technology in history	Competitive cycles are compressing faster than org adaptation
AI capabilities are advancing exponentially	Teams struggle to continuously absorb new complexity
AI expands access to expert-level work	Expertise becomes bottlenecked in scarce talent pools
Human-machine frontier is shifting	More tasks become partially or fully automatable
One-person billion-dollar company becomes plausible	Traditional org scale assumptions break
Population decline / labor constraints	Human labor becomes structurally scarce and expensive

Human Zero

AI Digital Workforces

From Software Tools to Digital Coworkers

Human Zero

The evolution of how humans work with technology

01

Software

Human does the thinking; software stores and processes data

EXAMPLES

CRM, ERP, spreadsheets, ticketing systems

02

Automation

Human defines rules; software follows instructions

EXAMPLES

RPA, n8n, Zapier, workflow engines

03

AI Assistant

Human asks; AI responds with suggestions

EXAMPLES

AI Assistants, Copilots

04

AI Coworker

Human sets goals; AI plans, coordinates, executes, and learns

EXAMPLES

Claude Cowork, OpenClaw, AI Agents

Characteristics of AI Digital Coworkers

Human Zero

Characteristics	Organizational Benefit
Goal-driven	Humans define outcomes, not step-by-step rules
Reasoning + planning	Handles ambiguity beyond traditional automation
Tool-using	Can operate business systems end-to-end
Always-on	24/7 operational capacity without linear hiring
Scalable instantly	Add capacity in minutes, not months
Continuously improving	Workforce capability upgrades with models

Organizations Need to Evolve to AI-Native Organization

Human Zero

Traditional Organization	AI-Native Organization
Humans execute tasks	Humans supervise outcomes
Process automation	Goal-driven execution
Hierarchical coordination	Human-agent orchestration
Headcount scaling	Elastically Scale by Task & Time
Knowledge trapped in people	Knowledge embedded in systems
Periodic training	Continuously learning systems
Manual governance	Real-time observability + controls

Human Zero

Risks & Governances

1. AI Risks

Human Zero

1.1 Hallucination & Incorrect Outputs

Human Zero

GenAI can generate confident but incorrect information, actions, or recommendations.

Unlike traditional software:

- errors are probabilistic
- outputs are non-deterministic
- failures can appear plausible

Examples:

- incorrect financial analysis
- fabricated compliance answers
- wrong operational actions
- inaccurate customer communication

1.2 Autonomy Risk

Human Zero

As AI agents gain the ability to plan, execute, use tools, and coordinate workflows, the blast radius of mistakes increases.

Examples:

- unauthorized transactions
- incorrect workflow execution
- cascading multi-agent errors
- unintended automated decisions

1.3 Security & Access Risk

Human Zero

AI coworkers often require access to:

- enterprise systems
- customer data
- internal knowledge
- APIs
- operational tools

Risks include:

- privilege escalation
- data leakage
- prompt injection
- credential misuse
- unsafe tool execution

1.4 Data & Privacy Risk

Human Zero

AI systems can expose:

- confidential company information
- customer data
- regulated information

Especially problematic when:

- models are externally hosted
- prompts are logged
- data flows are unclear
- memory systems persist sensitive information

1.5 Explainability & Accountability Risk

Human Zero

Organizations may not fully understand:

- why an AI made a decision
- how conclusions were reached
- which data influenced outcomes

This creates challenges in:

- audits
- compliance
- legal accountability
- regulated industries

2. Human+AI Risks

Human Zero

2.1 Over-Reliance on AI

Human Zero

Humans may:

- trust AI outputs too quickly
- stop validating critical decisions
- lose domain judgment over time

This creates:

- automation complacency
- degraded expertise
- reduced critical thinking

2.2 Responsibility Ambiguity

Human Zero

In hybrid workflows:

- who owns decisions?
- who approves actions?
- who is accountable for failures?

Without clear boundaries:

- accountability diffuses
- escalation paths fail
- governance breaks down

2.3 Decision Velocity Risk

Human Zero

AI accelerates execution dramatically, but organizations may lack:

- governance speed
- review processes
- policy adaptation
- operational oversight

Result: organizations can move faster than they can safely govern.

3. Governance & Control Framework

Human Zero

1. **Identity & Access Control:** AI coworkers should have unique identities, scoped permissions, role-based access, and least-privilege access, just like human employees.

2. **Human Oversight:** Not all decisions should be autonomous. Define approval checkpoints, escalation rules, human-in-the-loop workflows, and authority limits.

3. **Observability & Auditability:** Organizations need visibility into what AI agents did, why they acted, what tools they used, and what decisions were made. So, minimum requirements are logs, traceability, replayability, and monitoring.

4. **Policy & Compliance Enforcement**: AI workers must follow company policy, regulatory requirements, security protocols, ethical constraints. Enforcement may include policy engines, guardrails, runtime validation, and compliance filters

5. **Performance & Reliability Management:** AI coworkers require evaluation systems, quality measurement, reliability scoring, continuous testing, and failure recovery

Human Zero

The future of work is not human versus AI. It is human + AI

But this is not simply about deploying more AI agents.

Organizations will require AI workforce operating system — infrastructure for identity, memory, coordination, governance, observability, and trust.

That is the foundation of the AI-native organization

Human Zero

Operating System for AI Digital Workforce Organizations

www.humanzero.xyz

x.com/humanzero_xyz

facebook.com/humanzero.xyz

linkedin.com/company/humanzero

or reach us directly at hello@guardianlab.ai