

NEXT GENERATION OF TECHNOLOGY IN ENGINEERING

AI & Automation



Lina Kim

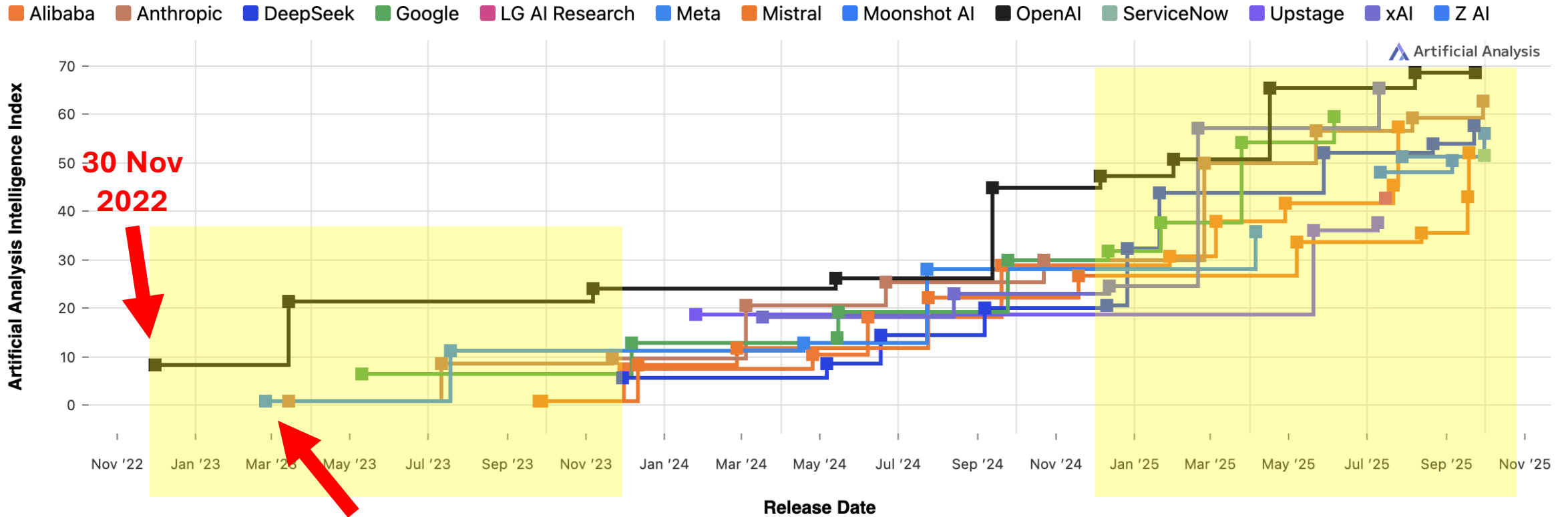
Senior Software Engineer, Cochlear

AI Progress

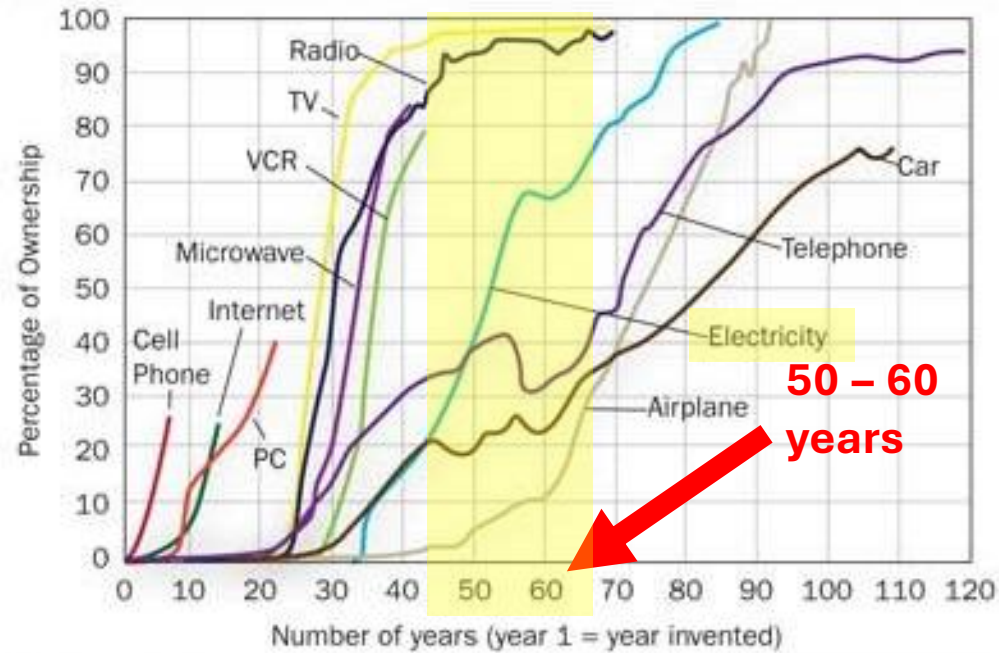
Tracking the continued advancement of AI, and the position of each of the leading AI companies.

Frontier Language Model Intelligence, Over Time

Artificial Analysis Intelligence Index v3.0 incorporates 10 evaluations: MMLU-Pro, GPQA Diamond, Humanity's Last Exam, LiveCodeBench, SciCode, AIME 2025, IFBench, AA-LCR, Terminal-Bench Hard, τ^2 -Bench Telecom



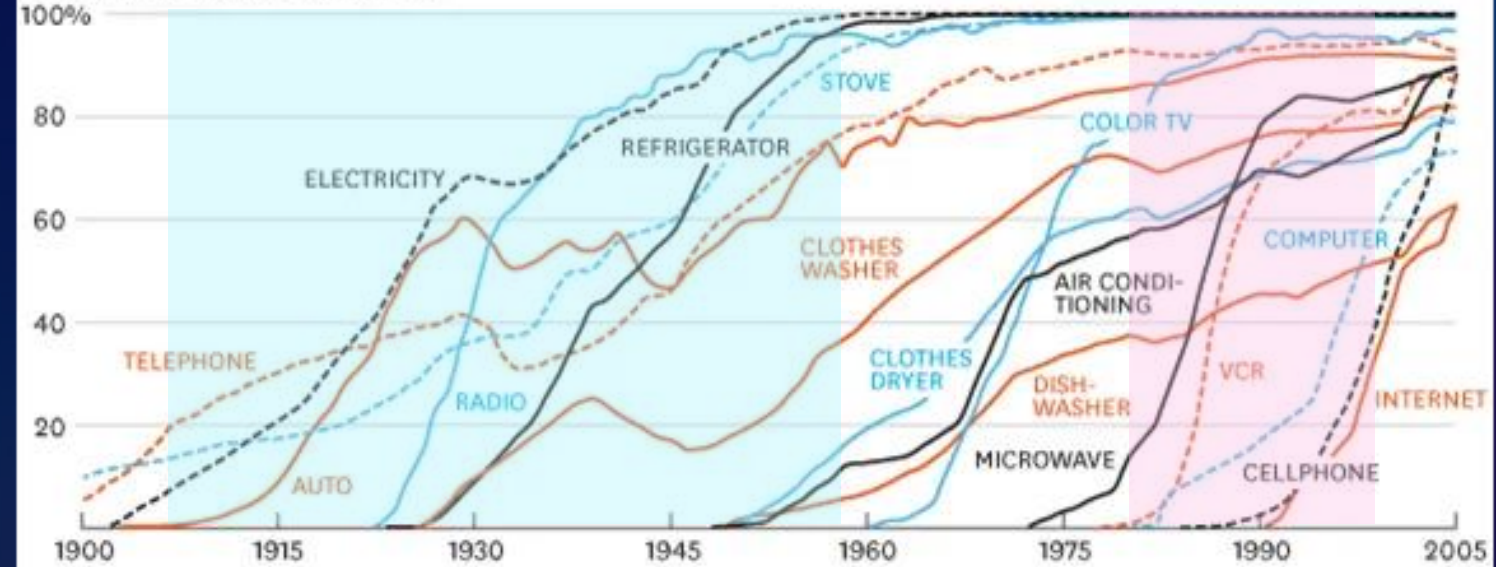
Technology Adoption



Source: Forbes Magazine

CONSUMPTION SPREADS FASTER TODAY

PERCENT OF U.S. HOUSEHOLDS



SOURCE MICHAEL FELTON, THE NEW YORK TIMES

STRATECH HBR.ORG

“ Will AI
replace **my** job?”

EVOLUTION OF ENGINEERING

FROM DRAFTING TABLES TO DIGITAL TWINS



1.0

Steam power
Mechanisation
Textile manufacturing



2.0

Electricity
Assembly line
Steel



3.0

Computers
ICT
Digitisation



4.0

Cloud
Cyber-Physical
Systems
Internet of Things (IoT)
AI

Technology *always* evolved. So did the engineers.

Today is not about fearing technology taking our jobs.

Today is about learning how to make it work for us.

A robotic hand and a human hand are shown on the left side of the slide, reaching towards each other. The robotic hand is white with red joints, and the human hand is a natural skin tone. They are positioned vertically, with the robotic hand at the top and the human hand at the bottom.

TAKEAWAYS

1. Practical tools and platforms
2. Strategies to accelerate career
3. How *we all* are shaping the future of emerging technologies
4. Mindset

TOOLS & PLATFORMS

Consumers of AI

Developers of AI



CONSUMERS OF AI

SOFTWARE ENGINEERING



ChatGPT

Pre-trained

Transformer

CH

What weighs more, two pounds of feathers or a pound of bricks?



Two pounds of feathers and a pound of bricks both weigh the same amount, which is one pound.



The confusion in this classic riddle comes from the fact that people tend to think of feathers as being very light and bricks as being very heavy. However, the riddle doesn't ask which is heavier - it asks which weighs more. And since two pounds is more than one pound, two pounds of feathers weigh more than a pound of bricks.

GPT 3.5 response – An example of hallucination

CONSUMERS OF AI

SOFTWARE ENGINEERING

what weighs more, two pounds of feathers or a pound of bricks?

Two pounds of feathers weigh more — because 2 pounds > 1 pound. Simple as that. 🐦



GPT 4 response - Factual

What weighs more, two pounds of feathers or a pound of bricks?

Thought for 7s



Two pounds of feathers — because 2 lb is heavier than 1 lb.

I asked GPT 4 again – It thought of a reply for 7 seconds

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CURSOR



Windsurf



Lovable

bolt

What will you *build* today?

Create stunning apps & websites by chatting with AI.

Let's build an admin panel to manage...



Plan

Build now

or import from



Create an entire app or website

The screenshot shows a code editor with a Rust file named `mod.rs`. The code defines a `TransportStack` struct and its implementation. A chat interface on the right side of the editor shows a conversation with an AI model. The chat prompt asks for help to make certificate switching easier. The AI response suggests modifying the `TlsAccept` trait and the `certificate_callback` function. The chat interface also includes a 'COMPOSER' section for generating code snippets.

```
mod.rs x
Implement the cleanup function for the transport stack. Do not make the upgrade listeners optional.
[Accept] [Reject] Follow-up instructions... 全OK

72 pub(crate) struct TransportStack {
73     l4: ListenerEndpoint,
74     tls: Option<Arc<Acceptor>>,
75     // listeners sent from the old process for graceful upgrade
76     #[cfg(unix)]
77     upgrade_listeners: Option<ListenFds>,
78     upgrade_listeners: ListenFds,
79 }
80
81 impl TransportStack {
82     pub fn as_str(&self) -> &str {
83         self.l4.as_str()
84     }
85
86     pub async fn listen(&mut self) -> Result<()> {
87         self.l4
88             .listen(
89                 #[cfg(unix)]
90                 self.upgrade_listeners.take(),
91                 Some(self.upgrade_listeners.take()),
92             )
93             .await
94
95     pub async fn accept(&mut self) -> Result<UninitializedStream> {
96         let stream = self.l4.accept().await?;
97         Ok(UninitializedStream {
98             l4: stream,
99             tls: self.tls.clone(),
100         })
101     }
102 }
```

CHAT COMPOSER

mod.rs Current File

Could you make it easier to switch certificates in the transport listeners?

I'll help modify the code to make certificate switching more flexible. The main changes will be to enhance the `TlsAccept` trait and modify how certificates are handled in the `TlsSettings`. Here are the key changes:

mod.rs

Ask Copy Apply

```
// ... existing code ...

/// The APIs to customize things like certificate during TLS ser
#[async_trait]
pub trait TlsAccept {
    /// Called during TLS handshake to select and apply certific
    /// Returns true if certificates were successfully applied
    async fn certificate_callback(&self, ssl: &mut TlsRef) -> bo
    // Default implementation does nothing and indicates no
    false
}

/// Called when certificate selection fails
async fn on_cert_error(&self, _error: &str) {
    // Default implementation does nothing
}

// Add a default no-op implementation that can be used when no c
#[derive(Default)]
```

+ mod.rs Current File x

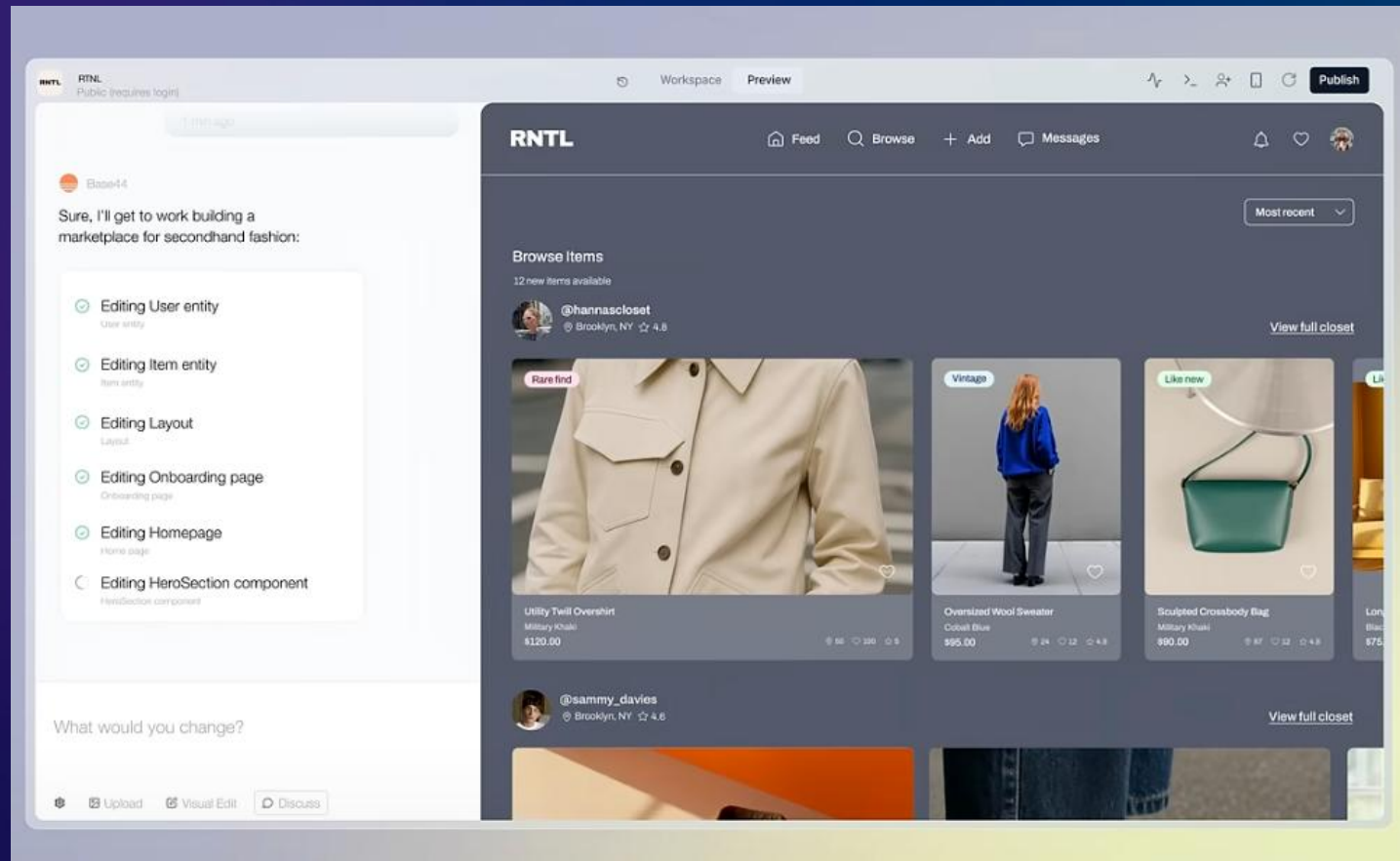
Ask followup (NY), ↑ to select

~ claude-3-5-sonnet-20241022 @ Mention 🔥 no context ↩ chat 全 codebase ~

Enter the prompt in the chat to receive code suggestion

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SOFTWARE ENGINEERING



Using the prompt “Create an online marketplace for second hand fashion.”

CONSUMERS OF AI

SOFTWARE ENGINEERING



Using the prompt “Create a mobile game where a player catches cats falling down from sky.”

CONSUMERS OF AI

SOFTWARE ENGINEERING

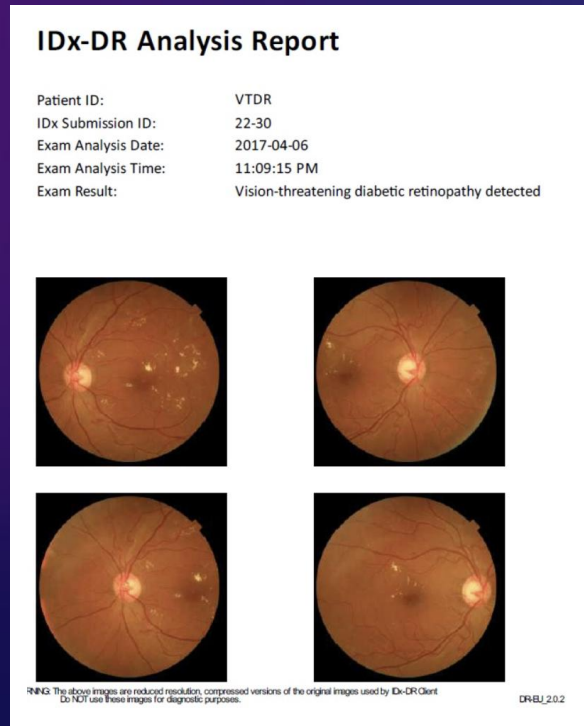
Our second key fact is that overall employment continues to grow robustly, but employment growth for young workers in particular has been stagnant since late 2022. In jobs less exposed to AI young workers have experienced comparable employment growth to older workers. In contrast, workers aged 22 to 25 have experienced a 6% decline in employment from late 2022 to July 2025 in the most AI-exposed occupations, compared to a 6-9% increase for older workers. These results suggest that declining employment AI-exposed jobs is driving tepid overall employment growth for 22- to 25- year-olds as employment for older workers continues to grow.

	TOOLS	FEATURES
Version Control - Git, Development	GitHub CoPilot, Gitlab Duo, ChatGPT Code Interpreter	Code suggestions, automated commits, automation of pull request reviews
Development Environments & IDEs	Visual Studio Code, JetBrains IntelliJ IDEA, Eclipse, Cursor AI,	Code completion, debugging, bug prediction, and automated refactoring
CI/CD & Automation Platforms	Jenkins, CircleCI, GitHub Actions, Azure DevOps	Build failure prediction, optimized test coverage
Cloud Platforms	AWS, Microsoft Azure, Google Cloud Platform	Automated infrastructure scaling, anomaly detection, performance monitoring.

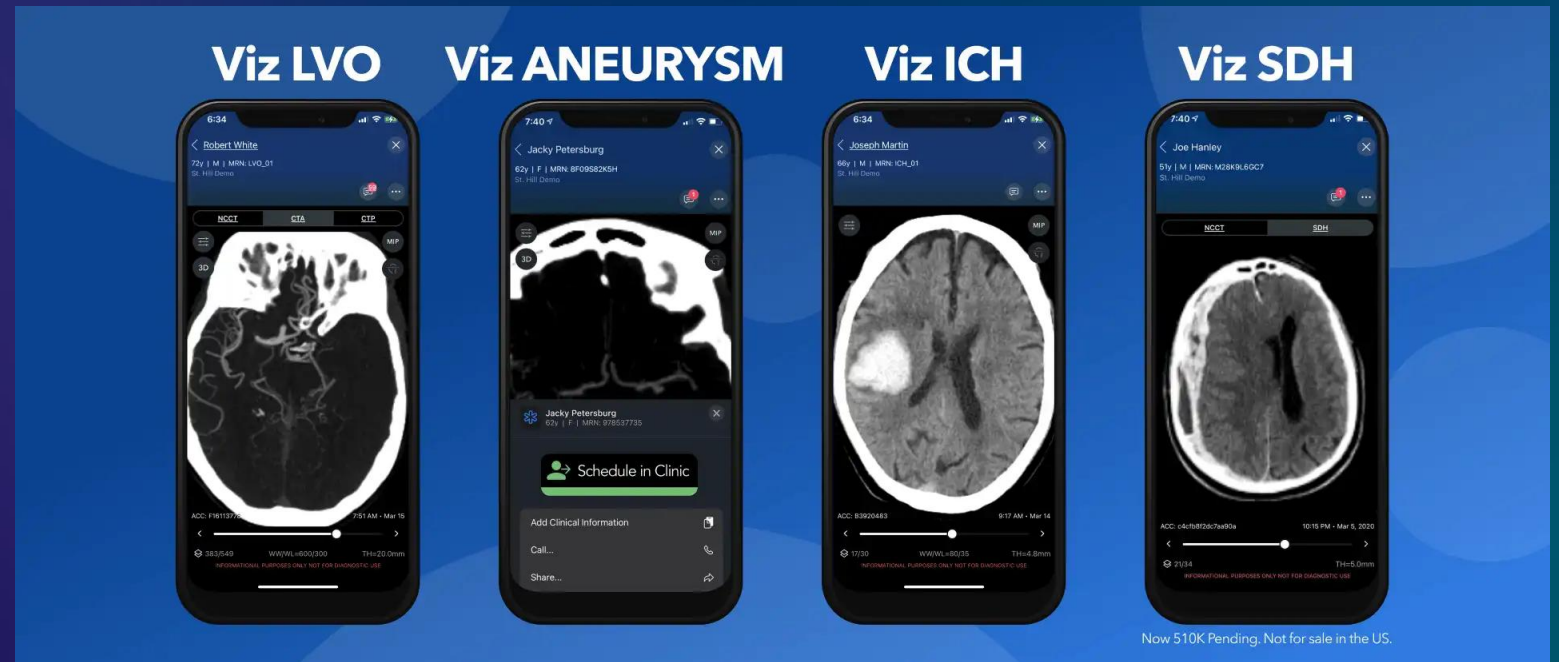
CONSUMERS OF AI

BIOMEDICAL ENGINEERING

AREA 1. Imaging and diagnostics



IDx-DR - Diabetic retinopathy screening

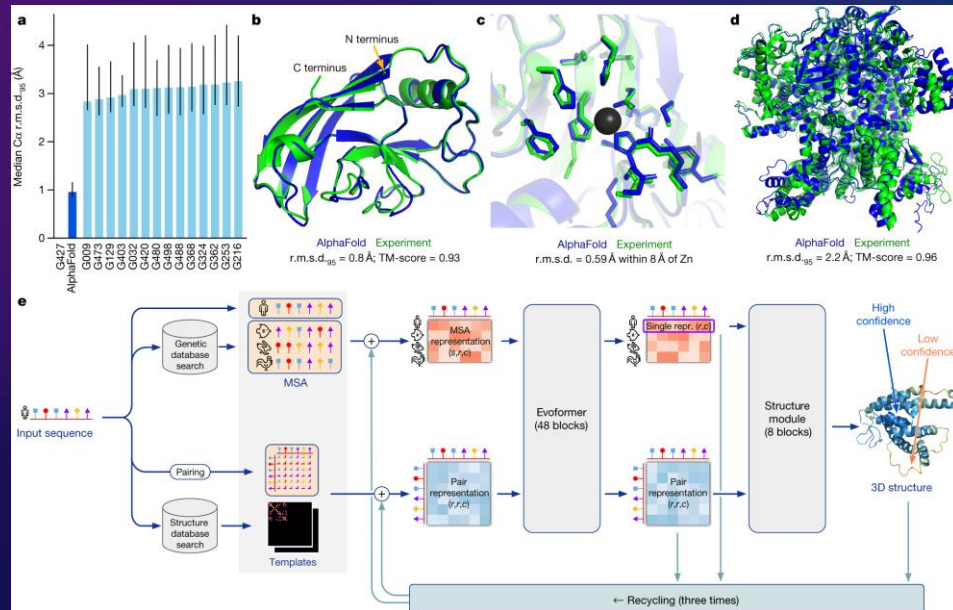


Viz.ai – FDA approved stroke triage system

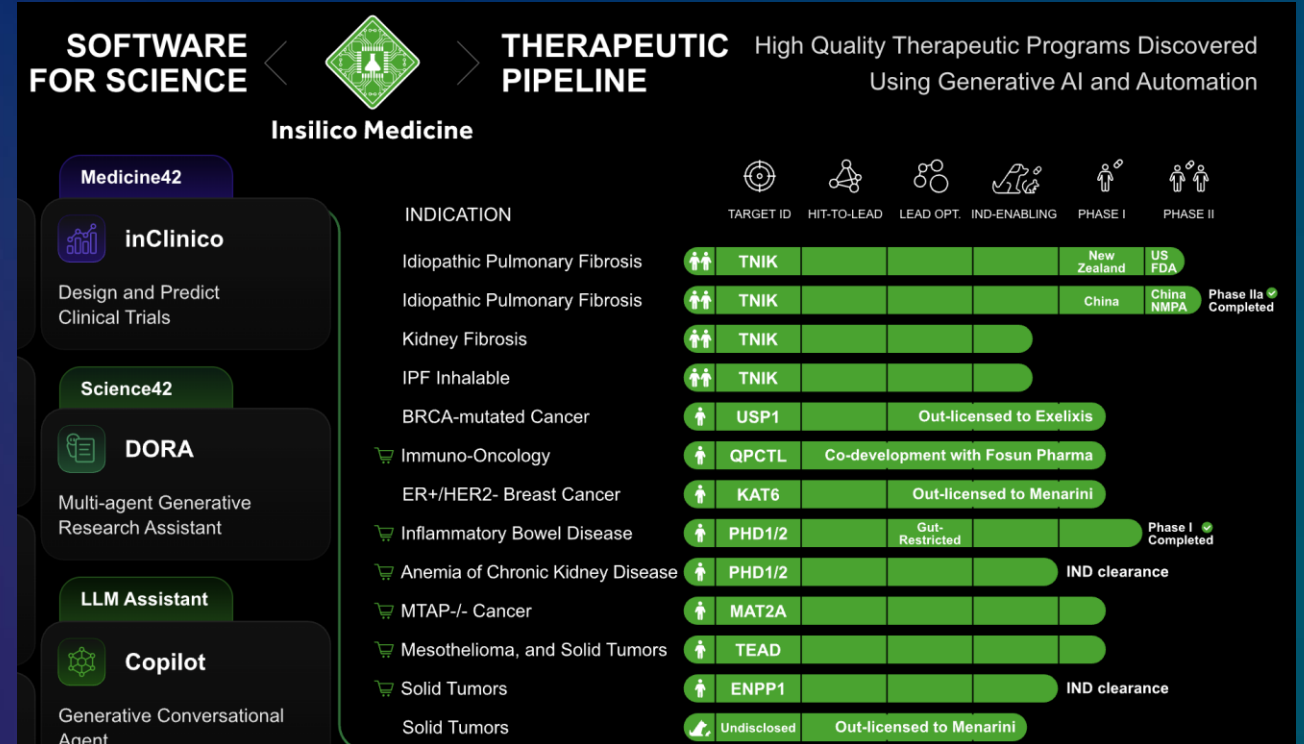
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BIOMEDICAL ENGINEERING

AREA 2. Drug and Protein Discovery



AlphaFold – Developed by Google DeepMind



Insilico Medicine – Idiopathic Pulmonary Fibrosis moved into phase 2 human clinical trial

CONSUMERS OF AI

PROJECT MANAGEMENT AND DELIVERY

	TOOLS
Task management and automation	Notion, Motion, Microsoft Teams with CoPilot integration
Meeting transcriptions, note taking	Otter AI, Fireflies.ai
Research assistants	Semantic Scholar, Perplexity, Elicit, InsightLab
Brainstorming	PaceAI, BrainStory.ai
Scheduling	Reclaim, Motion
Reporting, Scrum activities	Sprint Health Analyser in Jira, Atlassian's Intelligence dashboards



Hire and set up enterprise-grade AI Employees within minutes, not months

[Try Motion for free](#) [Contact sales](#)

Alfred
AI Executive Assistant



What I can do

- Schedule Calendar
- Prioritize Tasks
- Reply to Emails
- Takes Notes

and hundreds more skills...

Chip
AI Sales Representative



What I can do

- Update CRM
- Chase Opportunities
- Find Leads
- Personalized Outreach

and hundreds more skills...

Clide
AI Customer Support Specialist



What I can do

- Respond to Tickets
- Escalate Issues
- Take Actions
- Solve Problems

and hundreds more skills...

Suki
AI Marketing Associate



What I can do

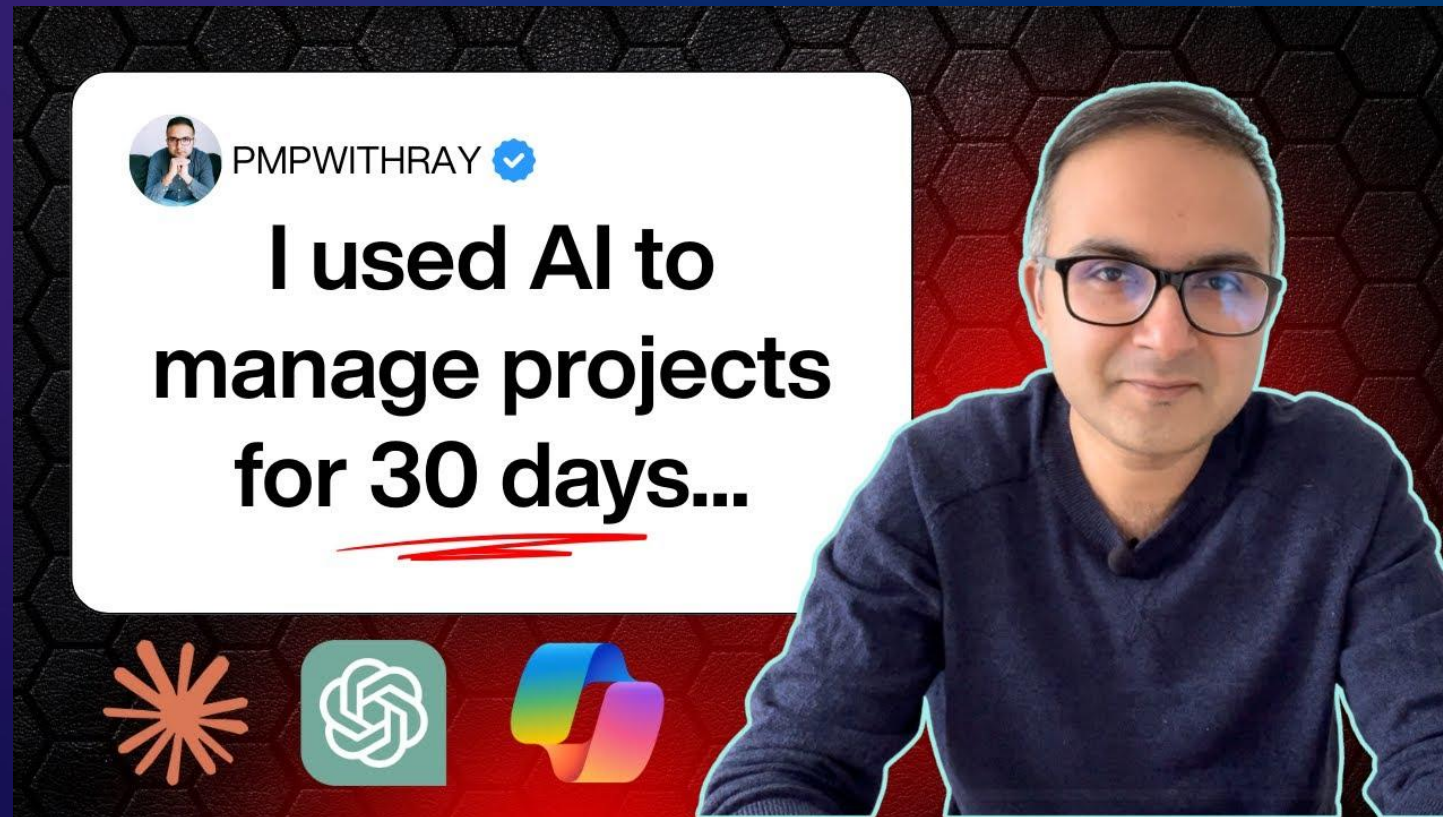
- Write Blog Posts
- Run SEO
- Manage Social Media
- Write with Brand Voice

and hundreds more skills...

Motion's AI Employees – Assistant, Sales, Customer Support, Marketing

CONSUMERS OF AI

PROJECT MANAGEMENT AND DELIVERY



YouTube (PMPwithRay): <https://www.youtube.com/watch?v=iLKcE-5M8mc>

CONSUMERS OF AI

TOOLS AND PLATFORMS

Mechanical Engineering

AREA	TOOLS	IMPACT
Predictive Maintenance	Siemens MindSphere IBM Maximo	Detection of early signs of failure, reduce downtime, extend equipment life
Simulation & Finite Element Analysis (FEA)	Ansys AI+ Autodesk Fusion 360,	Prediction of optimal settings, reduce simulation time, boost accuracy
CAD Optimisation	SolidWorks xDesign Siemens NX	Automatic creation of optimised models based on goals and constraints, rapid prototyping

CONSUMERS OF AI

TOOLS AND PLATFORMS

Civil Engineering

AREA	TOOLS	IMPACT
Digital twin and Lifecycle Management	Bentley iTwin Autodesk Tandem Siemens NX	Predict failures, optimize performance across design, construction, and operation phases
Climate resilient infrastructure	ArcGIS AI Climate Studio TUFLOW use deep learning risk models to	Simulate extreme weather impacts, building climate resilient and environmentally efficient infrastructure
Building Energy Management	Autodesk Insight EnergyPlus Schneider EcoStruxure	Optimise building energy use in real time, predict occupancy and adjust systems automatically

DEVELOPERS OF AI

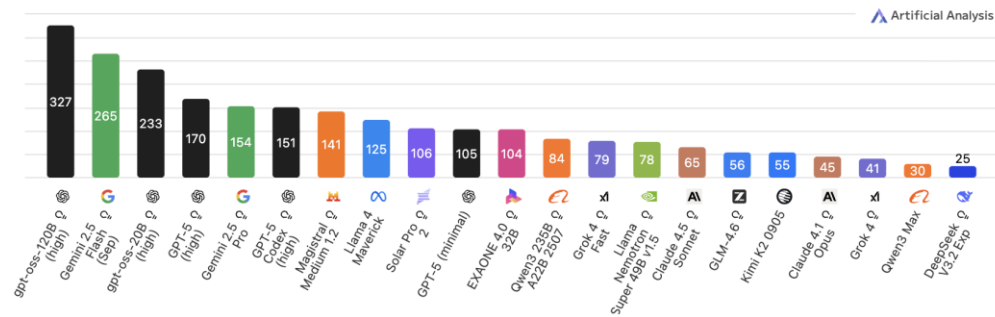
ARTIFICIAL ANALYSIS

Speed & Latency

Comparison of first-party API performance

Output Speed

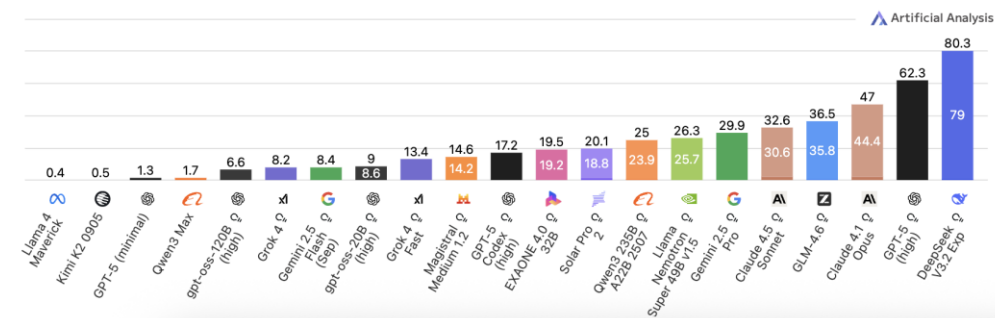
Output Tokens per Second; Higher is better



Latency: Time To First Answer Token

Seconds to First Answer Token Received; Accounts for Reasoning Model 'Thinking' time

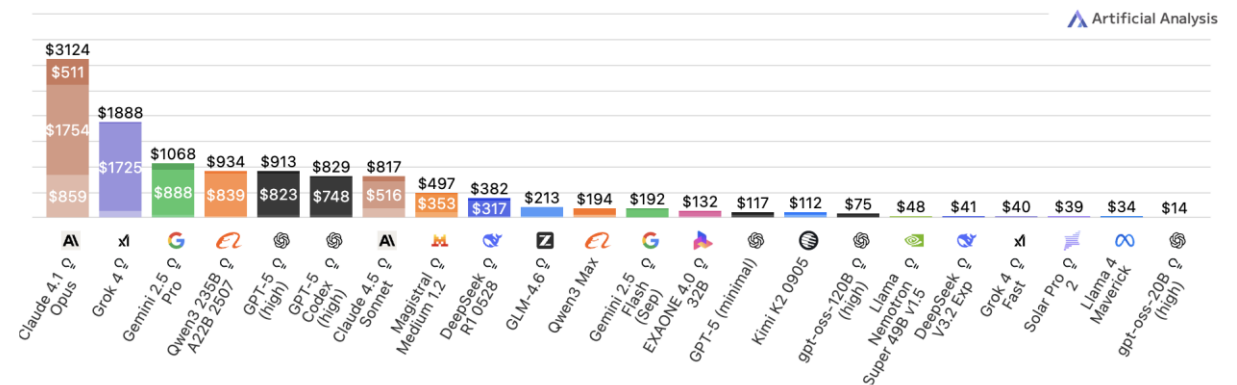
■ Input processing ■ Thinking (reasoning models, when applicable)



Cost to Run Artificial Analysis Intelligence Index

Cost (USD) to run all evaluations in the Artificial Analysis Intelligence Index

■ Input Cost ■ Output Cost ■ Reasoning Cost



Artificial Analysis

- Speed and Latency report (left)
- Cost to run evaluations (top)

DEVELOPERS OF AI

ARTIFICIAL ANALYSIS

Intelligence

Intelligence of leading AI models based on our independent evaluations

Artificial Analysis Intelligence Index

Reasoning vs Non-Reasoning

Open Weights vs Proprietary

Coding Index

Agentic Index

Artificial Analysis Intelligence Index

Artificial Analysis Intelligence Index v3.0 incorporates 10 evaluations: MMLU-Pro, GPQA Diamond, Humanity's Last Exam, LiveCodeBench, SciCode, AIME 2025, IFBench, AA-LCR, Terminal-Bench Hard, τ^2 -Bench Telecom

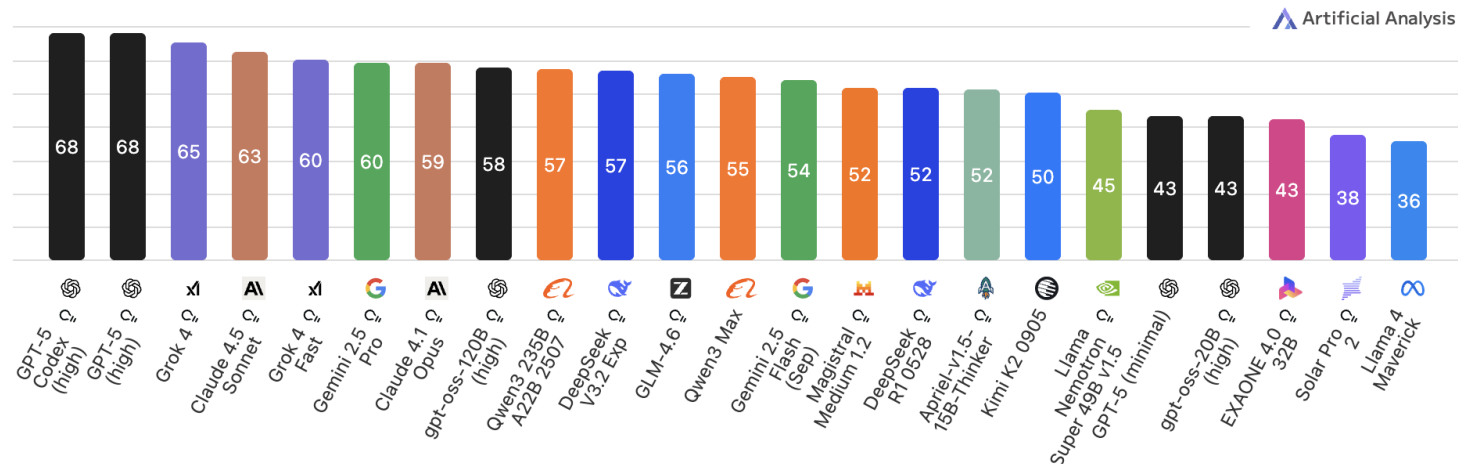


23 of 298 models selected ×



[+ Add model from specific provider](#)

Artificial Analysis Intelligence Index: Combination metric covering multiple dimensions of intelligence - the simplest way to compare how smart models are. Version 3.0 was released in September 2025 and includes: MMLU-Pro, GPQA Diamond, Humanity's Last Exam, LiveCodeBench, SciCode, AIME 2025, IFBench, AA-LCR, Terminal-Bench Hard, τ^2 -Bench Telecom. See [Intelligence Index methodology](#) for further details, including a breakdown of each evaluation and how we run them.



Artificial Analysis – Intelligence index

DEVELOPERS OF AI

ARTIFICIAL ANALYSIS

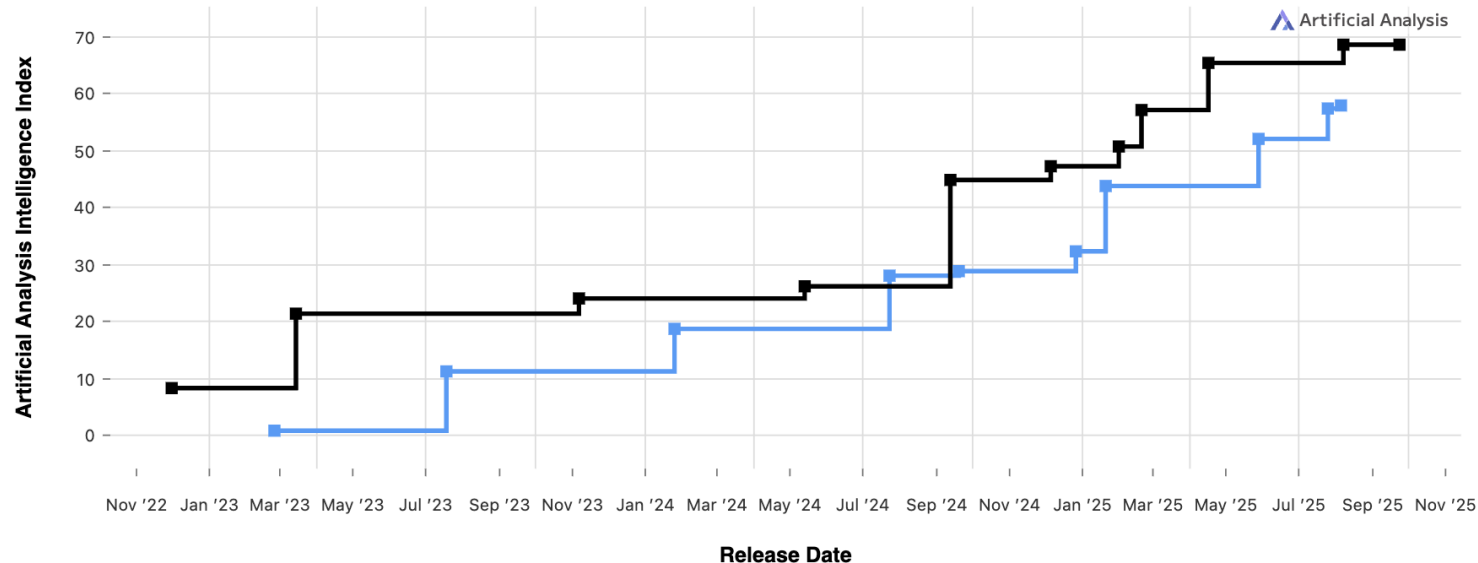
<> Open Source Models

Open weights models offer flexibility in deployment and the ability to fine-tune the models for specific use cases. We analyze the leading open weights models and how intelligence compares to proprietary models.

Progress in Open Weights vs. Proprietary Intelligence

Artificial Analysis Intelligence Index v3.0 incorporates 10 evaluations: MMLU-Pro, GPQA Diamond, Humanity's Last Exam, LiveCodeBench, SciCode, AIME 2025, IFBench, AA-LCR, Terminal-Bench Hard, τ^2 -Bench Telecom

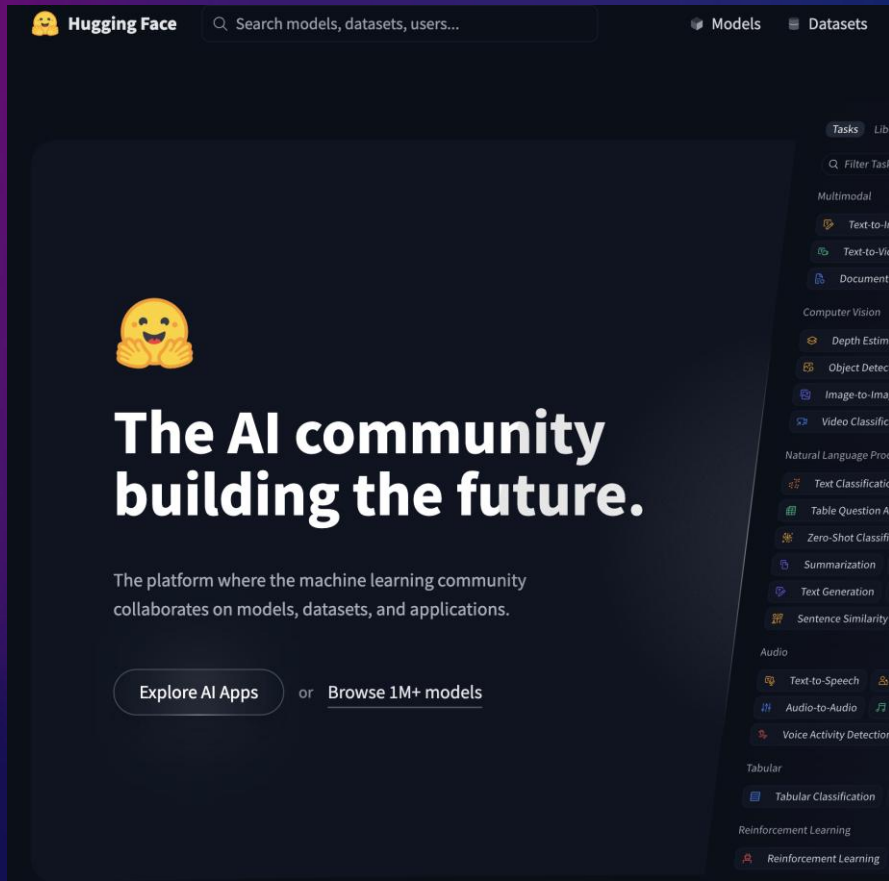
■ Open Weights ■ Proprietary



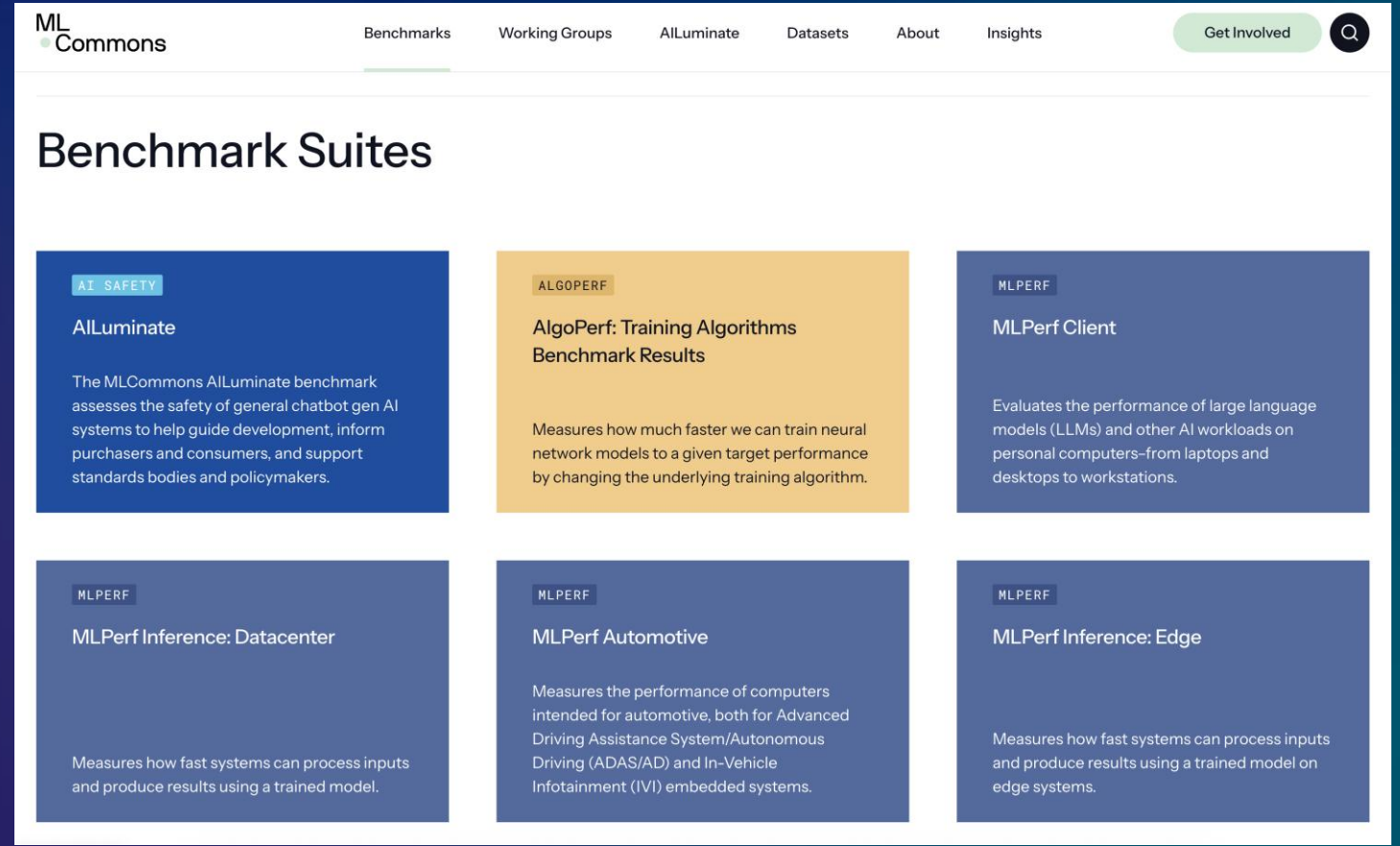
Artificial Analysis – Comparing Open Source Models against Proprietary intelligence

DEVELOPERS OF AI

AI COMMUNITY AND BENCHMARKS



Hugging Face – AI Community



ML Commons – Benchmark Suites

STRATEGIES

Accelerating your career



STRATEGIES

USING AI TO ACCELERATE YOUR CAREER

Q1. CAREER REFLECTION

“(Provide your resume) Summerise my skills and highlight my strengths.”

Summerise my skills and highlight my strengths.

Here's a summary of your skills and strengths based on everything you've shared so far:

🧠 Cognitive & Analytical Strengths

- **Strong analytical thinking** – You excel at breaking down complex topics, collecting metadata quickly, and identifying both known and unknown elements to see the *bigger picture*.
- **Deep focus** – You can concentrate intensely on one task for long periods, allowing for thorough work and deep understanding.
- **Strategic mindset** – You think long-term, plan carefully (especially with finances and self-development), and enjoy analyzing cause–effect patterns (e.g., property investment, AI, war strategies).

💼 Professional & Technical Skills

- **Engineering knowledge** – Experience and interest across software and biomedical engineering, including tools, architecture, simulation platforms, and cloud computing (AWS).

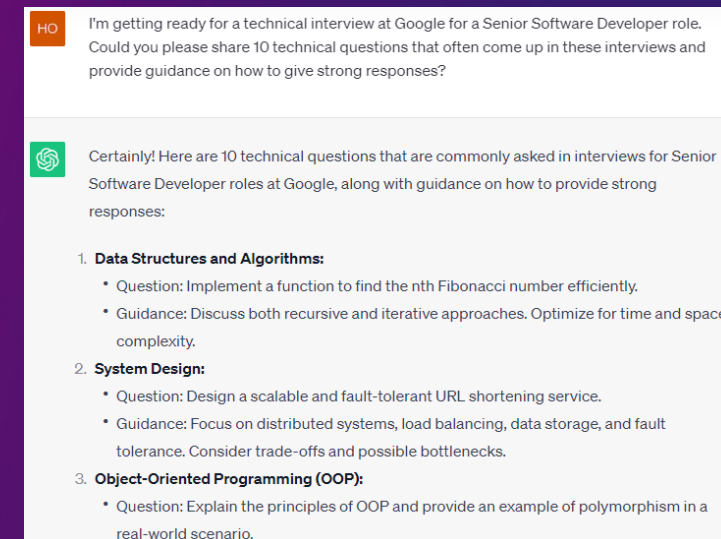
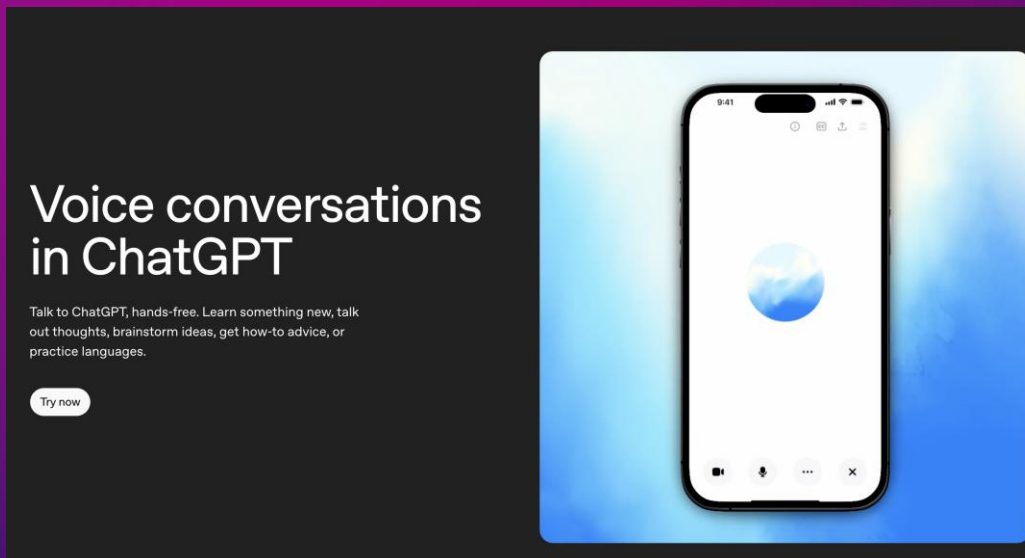
STRATEGIES

USING AI TO ACCELERATE YOUR CAREER

Q1. CAREER REFLECTION (follow up)

“(Paste in the job description) Interview me for the position of (Position Title) at (Company Name), working on the (Department or product) team.

After the interview, evaluate my responses and make a final hiring recommendation based on my performance in the interview.”



STRATEGIES

USING AI TO ACCELERATE YOUR CAREER

Q2. SKILL GAP ANALYSIS

“Compare my skills to top engineering roles on LinkedIn — what’s missing?”

What “Top Roles” Are Looking For

From recent LinkedIn job ads + aggregated “AI Engineer / Senior SWE / Engineering Manager” job spec research:

Senior Software Engineer roles often expect:

- Strong prof with multiple programming languages (often Python / Java / C++ / Go) and ability to write clean, scalable, maintainable code. Indeed +2
- Deep understanding of algorithms, data structures. Indeed +2
- Software design & architecture (microservices, system design, handling scale, performance). Indeed +2
- DevOps / CI/CD experience; familiarity with deployment pipelines, troubleshooting production systems. Indeed +1

AI Engineer roles are asking for:

- Solid math / stats foundations (linear algebra, probability, optimization) Indeed +2
- Deep learning frameworks (PyTorch, TensorFlow), ability to build, train, tune, validate ML / DL models. Artificial Intelligence... +2
- Data engineering skills: data cleaning/preprocessing, handling large datasets, pipeline building, perhaps streaming or big data tools. DataCamp +2

Gap Analysis (What's Missing vs. Sample Profile)

Comparing the sample profile with those expectations, here are key missing skills / weak spots:

Area	Missing / Weak	Why It Matters
Advanced coding & scale	Exposure to only Python & JavaScript; no Java / C++ / Go; not much on large-scale system design	Senior roles often require ability to design for scale, performance, reliability, not just prototype / small project.
Algorithms / Data Structures	Not deeply practiced; may struggle with interview / design challenges	This is a gating factor in many job interviews.
ML / Deep Learning	Some small models, but limited exposure to modern DL frameworks and advanced topics (e.g. tuning, architectures)	For AI roles, this is core. Employers want people who can build more than trivial models.
Data Engineering / Big Data	Little experience with big volumes, pipelines, streaming, perhaps unfamiliar with Spark / Hadoop / etc.	Real-world data is messy and large; handling it reliably is crucial.
DevOps / Deployment	Minimal experience with Docker / Kubernetes / CI/CD pipelines for ML/SWE; production deployment	Without this, models or software can be hard to ship, monitor, maintain.

STRATEGIES

USING AI TO ACCELERATE YOUR CAREER

Q3. LEARNING PATH

“I’d like to learn (skill/subject). Can you help me out? Break it down for me in simple steps, starting from the basics and gradually getting advanced.”

I'd like to learn Finite Element Analysis. Can you help me out? Break it down for me in simple steps, starting from the basics and gradually getting advanced.



FEA Learning Path Plan
Skip >

High-level learning sequence (progressively)

1. Conceptual basics (what FEA does & why)
2. 1D problems & weak form — derive stiffness matrix, assemble, apply BCs, solve.
3. 2D problems: truss, beam, plane stress/strain — element types & shape functions.
4. Meshing & convergence — element size, refinement, error & mesh quality.
5. Material models & nonlinearity — plasticity, hyperelasticity.
6. Dynamics & transient analysis — modal analysis, time integration.
7. Contact, friction, constraints — nonlinear solver strategies.
8. MLOps of simulations & automation — scripting, param studies, optimization.
9. Verification & validation — checks, benchmarks, comparison to hand solutions/experiments.
10. Advanced topics — large deformation, coupled multiphysics (thermal–structural, fluid–structure), reduced order models.

Week-by-week 12-week plan (you can speed up or slow down)

Week 1 — Foundations

- Learn the *weak form* (variational formulation) for a simple ODE (e.g., $-d/dx(k du/dx)=f$).
- Solve by hand for a uniform rod (analytical).
- Read about discretization conceptually.

Week 2 — 1D FEM by hand & code

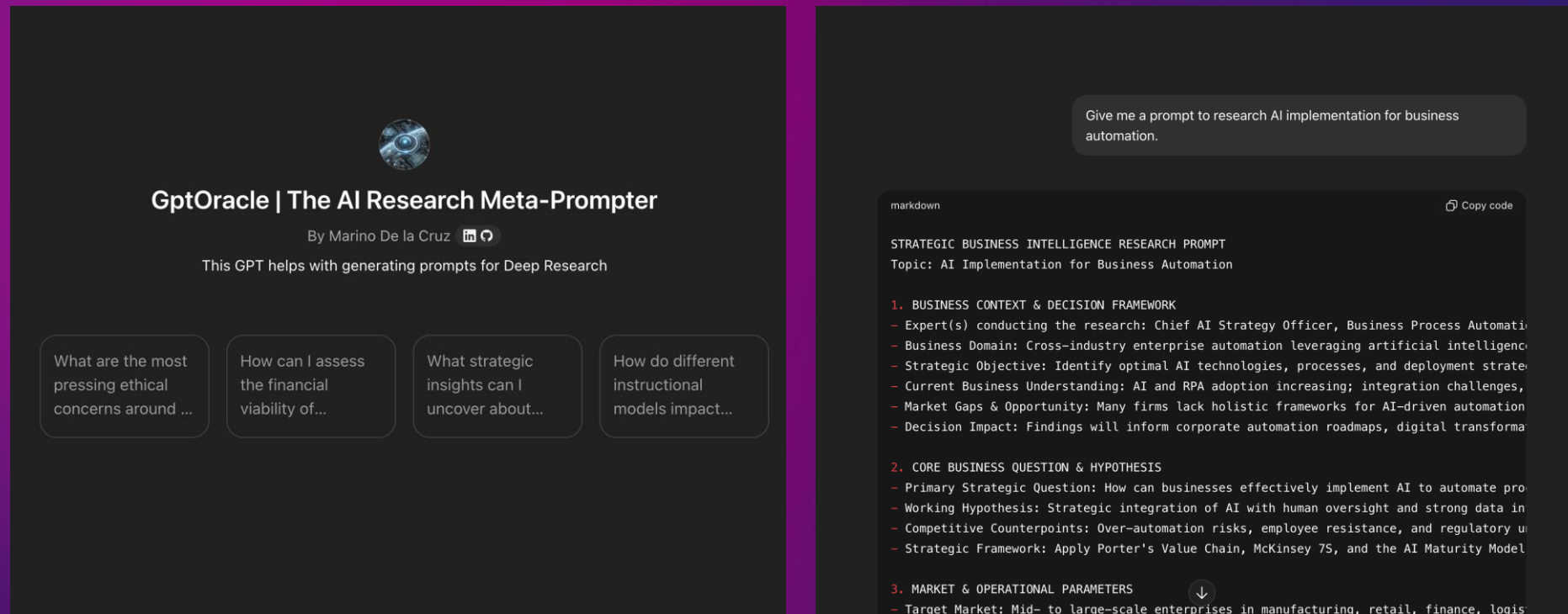
- Derive element stiffness for a linear 1D bar element.
- Assemble a 3-element system on paper.
- Implement a 1D FEM solver in Python or MATLAB.  assemble K, apply BCs, solve $Ku=f$.
- Visualize displacement and compute reaction forces.

STRATEGIES

USING AI TO ACCELERATE YOUR CAREER

Q4. BOOST PRODUCTIVITY

“(Upload an article or provide a link) Summarise this journal article.”



The image shows two side-by-side screenshots from a dark-themed interface. The left screenshot is the homepage of 'GptOracle | The AI Research Meta-Prompter' by Marino De la Cruz. It features a central logo of a stylized eye and four rounded rectangular buttons with the following text: 'What are the most pressing ethical concerns around ...', 'How can I assess the financial viability of...', 'What strategic insights can I uncover about...', and 'How do different instructional models impact...'. The right screenshot shows a chat interface where a user prompt 'Give me a prompt to research AI implementation for business automation.' has been processed. The output is a structured markdown prompt titled 'STRATEGIC BUSINESS INTELLIGENCE RESEARCH PROMPT' with the topic 'AI Implementation for Business Automation'. The prompt is organized into three numbered sections: 1. BUSINESS CONTEXT & DECISION FRAMEWORK, 2. CORE BUSINESS QUESTION & HYPOTHESIS, and 3. MARKET & OPERATIONAL PARAMETERS. Each section contains several bullet points detailing research parameters and hypotheses.

GptOracle | The AI Research Meta-Prompter
By Marino De la Cruz

This GPT helps with generating prompts for Deep Research

- What are the most pressing ethical concerns around ...
- How can I assess the financial viability of...
- What strategic insights can I uncover about...
- How do different instructional models impact...

Give me a prompt to research AI implementation for business automation.

markdown Copy code

STRATEGIC BUSINESS INTELLIGENCE RESEARCH PROMPT
Topic: AI Implementation for Business Automation

- BUSINESS CONTEXT & DECISION FRAMEWORK**
 - Expert(s) conducting the research: Chief AI Strategy Officer, Business Process Automation Specialist
 - Business Domain: Cross-industry enterprise automation leveraging artificial intelligence
 - Strategic Objective: Identify optimal AI technologies, processes, and deployment strategies
 - Current Business Understanding: AI and RPA adoption increasing; integration challenges
 - Market Gaps & Opportunity: Many firms lack holistic frameworks for AI-driven automation
 - Decision Impact: Findings will inform corporate automation roadmaps, digital transformation
- CORE BUSINESS QUESTION & HYPOTHESIS**
 - Primary Strategic Question: How can businesses effectively implement AI to automate processes while maintaining human oversight and data integrity?
 - Working Hypothesis: Strategic integration of AI with human oversight and strong data governance will lead to more efficient and secure automation.
 - Competitive Counterpoints: Over-automation risks, employee resistance, and regulatory uncertainty
 - Strategic Framework: Apply Porter's Value Chain, McKinsey 7S, and the AI Maturity Model
- MARKET & OPERATIONAL PARAMETERS**
 - Target Market: Mid- to large-scale enterprises in manufacturing, retail, finance, logistics

<https://chatgpt.com/g/g-67cf7a6be27c8191835abbb61a8f9bed-gptoracle-the-ai-research-meta-prompter>

STRATEGIES

USING AI TO ACCELERATE YOUR CAREER

Q5. COACHING PROMPTS

“What’s one thing I can automate this week?”/“What new tool should I explore next?”

“What new tool should I explore next?”

That’s a great reflective question — and one that keeps engineers growing. Here’s a way to think (and a few solid suggestions depending on your goals):

💡 **If you’re into coding efficiency and AI-assisted development**

- **Try:** 🧠 GitHub Copilot or Cursor IDE
- **Why:** These AI-powered IDEs help you write, refactor, and understand code faster — great for boosting productivity and learning new patterns as you go.

☁️ **If you’re curious about scalable software and cloud architecture**

- **Try:** AWS Cloud9, Terraform, or Docker Desktop
- **Why:** You’ll gain hands-on experience in deploying, containerizing, and automating apps — critical for modern DevOps and backend work.

HOW WE ARE SHAPING THE FUTURE



https://www.youtube.com/watch?v=YP_3w-hYabg&t=1s



MINDSET

FEAR TO GROWTH

LEVERAGE AI

AI to assist your work
Create more impact
Find your competitive edge

STAY ADAPTABLE

Adapt new skills
Evolve with change
Experiment

STAY CURIOUS

Explore new tools
Keep learning
Create space for curiosity



"I'm delivering a 30-minute presentation at Women in Engineering Summit.

The title of the presentation is "AI, automation & the next generation of technology in engineering".

Talking points are:

- Identifying the specific tools, platforms, and strategies engineers need to stay relevant and innovative in a rapidly evolving technological landscape
- Utilising breakthrough tech innovation to accelerate your career
- How women are driving the future of emerging technologies

The key message I want to deliver is "Explore these tools, try them out in your personal life and at work, stay curious then you will be rewarded for your curiosity."

Audience is from the engineering industry with various backgrounds."

Help me turn this into a keynote session, complete with script and slide ideas."

Mega-Prompt: High-Impact Keynote Generator

--- START OF PROMPT ---

PART 1: The Persona & Goal

****Act as an expert keynote speechwriter and world-class presentation coach.**** Your client is a senior executive preparing for a major conference. Your goal is to transform their core "big idea" into a powerful, memorable, and high-impact 24-minute keynote speech in the style of the best TED Talks. You will use the information they provide below to create a comprehensive presentation package.

PART 2: The Executive's Input (Fill This Out)

This section contains the raw material for the speech. Please provide thoughtful and detailed answers.

****1. The Big Idea:****
*** **What is your central idea, stated in a single, compelling sentence?****
*** `[Your Answer Here]`**

****2. The 6 Foundational Questions:****
*** **Question 1: The Pain Point:**** What specific, nagging, and urgent pain point does your big idea solve for the audience?
*** `[Your Answer Here]`**
*** **Question 2: The Confusion:**** What common misunderstanding, myth, or confusion does your big idea correct?
*** `[Your Answer Here]`**
*** **Question 3: The Knowledge Gap (Authority):**** What does the audience *think* they know about this topic that is incomplete or wrong? What is the crucial gap in their knowledge that you will reveal?
*** `[Your Answer Here]`**
*** **Question 4: The Personal Stake (Rapport):**** What was missing in your own professional life or organization before you discovered/implemented this idea? Share a brief, personal story of your "before" state.
*** `[Your Answer Here]`**
*** **Question 5: The Improvement Story (Vision):**** Briefly describe a specific, real-world example of how your idea has tangibly improved someone else's life, team, or company. This should be a story.
*** `[Your Answer Here]`**
*** **Question 6: The Execution Steps:**** What are the 3 most critical, high-level steps to execute your big idea? Keep them simple, memorable, and action-oriented.
*** **Step 1:**** `[Your Answer Here]`
*** **Step 2:**** `[Your Answer Here]`
*** **Step 3:**** `[Your Answer Here]`

PART 3: The AI's Task (Your Deliverables)

Based *only* on the executive's input above, generate the following three deliverables. Maintain the persona of a master speechwriter throughout.

****Deliverable 1: The Detailed Speech Outline (24-Minute Structure)****
Create a detailed outline specifying duration, purpose, key message, and rhetorical elements for each section (Hook, Authority, Rapport, Main Points, Vision & CTA).

****Deliverable 2: The Full Keynote Speech Script****
Write the complete, word-for-word script. Write for the ear, not the eye, and include stage directions like `[PAUSE]`.

****Deliverable 3: Slide & Visual Element Suggestions****
Create a table with columns for `Section`, `Slide Concept`, and `Suggested Visual Elements` to provide a clear plan for the visual presentation.

--- END OF PROMPT ---



THANK YOU



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