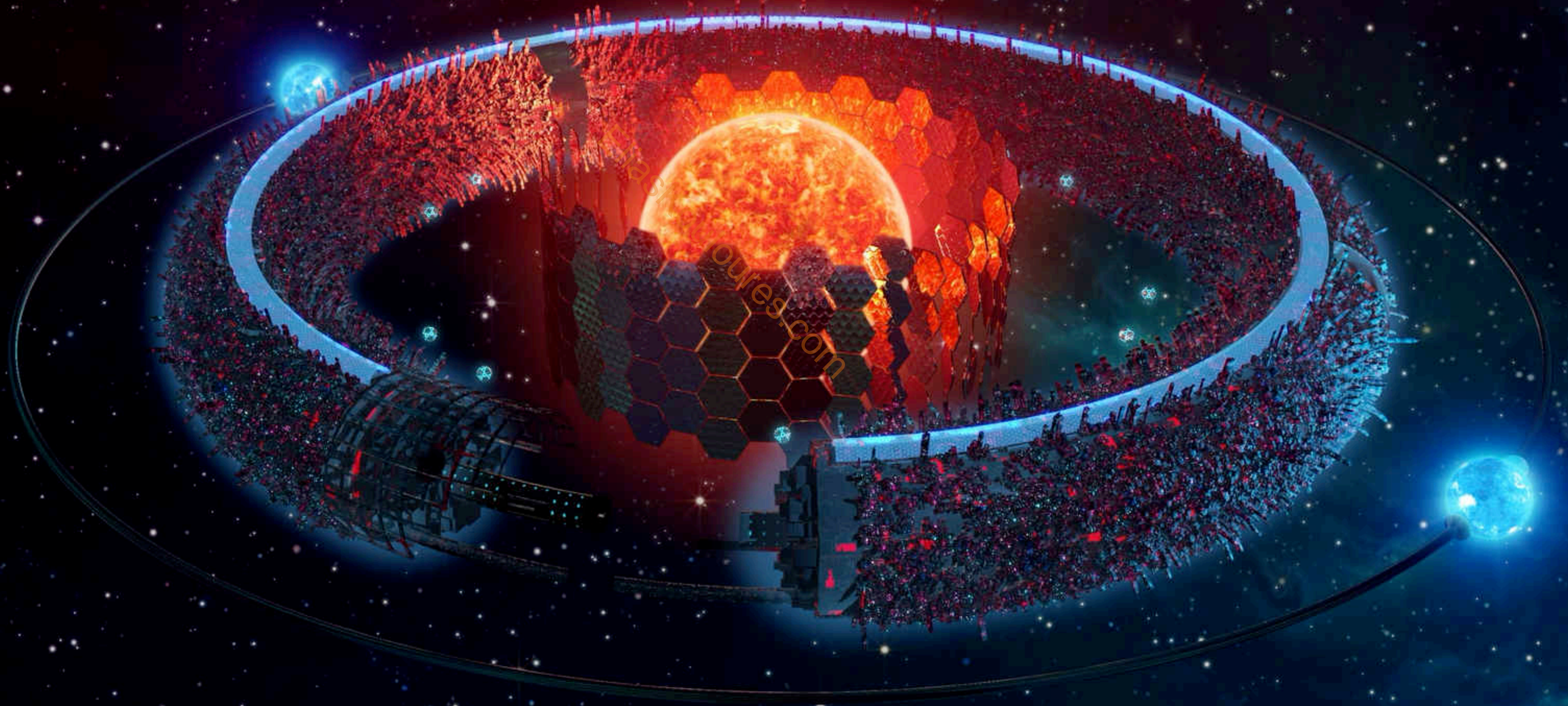


UPGRADE TO KARDASHIAN CIVILISATION



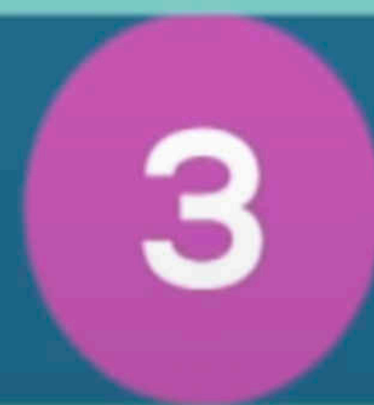
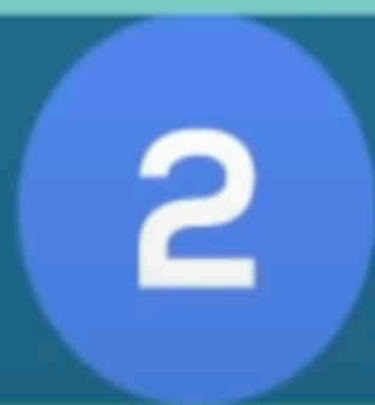
STATUS WORLD

DATA ANALYTICS & SCIENCE

A.I. SOLUTION & USE CASES

FUTURE OUTLOOK

KARDASHEV ≡ EVOLUTION SCALE



- Developed by Astrophysicist Nikolai Kardashev.
- Humanity is stuck at 0.6-7.
- I analysed our World's status quo to propose a solution...



1. CHALLENGE: SCIENTIFIC STAGNATION

- Nature of Dark Matter
- 🌐 Quantization of Gravity
- ✦ Origin of the Universe
- 🧪 How Life Began
- 🧠 Nature of Consciousness
- 🕒 How to Achieve Immortality
- 📖 Theory of Everything
- 🔢 Dimensionless Physical Constants
- 🌊 Quantum Gravity
- 🔗 Yang-Mills Theory
- 🌌 Axis of Evil in Cosmology
- 📍 Cosmic Inflation
- 🌟 Horizon Problem
- 🔭 Size of the Universe
- ⚖️ Baryon Asymmetry
- 💡 Cosmological Constant Problem
- 🌌 Dark Energy
- 🌀 Dark Flow

- 📐 Extra Dimensions
- 📏 Hierarchy Problem
- 🌀 Magnetic Monopoles
- 🕒 Neutron Lifetime Puzzle
- 🔄 Proton Decay & Spin Crisis
- 🔬 Supersymmetry
- 🌈 Color Confinement
- 🔭 Generations of Matter
- 🌟 Neutrino Mass
- 🚀 Reactor Antineutrino Anomaly
- 🎯 Strong CP Problem and Axions
- 👤 Anomalous Magnetic Dipole Moment
- 📡 Proton Radius Puzzle
- 🧩 Pentaquarks & Exotic Hadrons
- ☁️ Mu Problem
- 📊 Koide Formula
- ☀️ Solar Cycle
- 🔥 Coronal Heating Problem

- 🚀 Astrophysical Jet
- ✦ Diffuse Interstellar Bands
- 🌑 Supermassive Black Holes
- 📈 Kuiper Cliff
- 🚀 Flyby Anomaly
- 🌀 Galaxy Rotation Problem
- ✦ Mechanism of Supernovae
- ★ Origin of p-nuclei
- 🌌 Ultra-high-energy Cosmic Rays
- ♃ Rotation Rate of Saturn
- 🌐 Origin of Magnetar Magnetic Field
- ? Large-scale Anisotropy
- 🇫🇷 Age-Metallicity Relation in Galactic Disk⁰⁶
- 📄 The Lithium Problem
- 💡 Ultraluminous X-ray Sources (ULXs)
- 📡 Fast Radio Bursts (FRBs)
- 🕳️ Space Voids: Empty or Transparent Matter?
- 🧦 Disappearing Socks in Washing Machines

2. CHALLENGE: WORSENING WORLD

- 🌍 Climate Change
- ⚔️ Wars & Armed Conflicts
- 🏭 Resource Scarcity
- ⚖️ Inequality
- 🦠 Pandemics & Global Health Crises
- 🌱 Biodiversity Loss
- 🚰 Water Scarcity
- 🏠 Air Pollution
- 📈 Economic Instability
- 🍔 Food Security & Hunger
- 🏙️ Urbanization & Infrastructure Challenges
- 🔌 Energy Crisis
- 🔒 Cybersecurity Threats
- 🌿 Environmental Degradation & Pollution
- 🧘 Mental Health Crisis
- 👥 Overpopulation
- 👴 Aging Population
- 🏞️ Habitat Destruction
- 🌊 Ocean Health & Marine Life Preservation
- 🛢️ Dependence on Fossil Fuels
- 📉 Financial Inequality & Poverty
- ♻️ Waste Management & Recycling
- 🔥 Wildfires & Natural Disasters
- 📱 Social Media Influence & Misinformation
- 🚗 Transportation & Mobility Challenges
- 🎓 Access to Higher Education
- 🎭 Cultural Erosion & Loss of Heritage
- 👔 Corporate Governance & Ethics Issues
- 🏠 Housing Crises & Homelessness
- 👩 Decreasing Scientific Literacy
- 🚜 Agricultural Challenges & Sustainability
- 👥 Racial & Ethnic Tensions
- 🏢 Corporate Social Responsibility
- 📱 Digital Privacy & Personal Data Security
- 🎨 Preservation of Arts & Culture
- 🌳 Deforestation & Land Use Change
- 🏥 Healthcare Accessibility & Affordability
- 👤 Youth Empowerment & Engagement
- 📖 Literacy & Basic Education for All
- 🏆 Veteran Care and Rehabilitation
- 🏦 Banking & Financial System Integrity
- 🌅 Sustainable Tourism & Travel
- 🏭 Industrial Safety & Worker Rights
- 🎒 Access to Early Childhood Education
- 🚶 Child Welfare & Protection
- 🏗️ Urban Planning & Development
- 📈 Economic Inequality & Wealth Distribution
- 🌊 Coastal Erosion & Sea Level Rise
- 🧬 Antimicrobial Resistance & New Pathogens
- 🌱 Sustainable Agriculture & Food Systems
- 👴 Generational Equity & Future Planning

3. CHALLENGE: ORGS STRUGGLE

Sinking Employee Engagement

Quiet Quitting, Great Resignation, Burnout & Stress

Rising Economic Pressure

Recruitment & Retention costs, Healthcare & Benefits, Global Competition

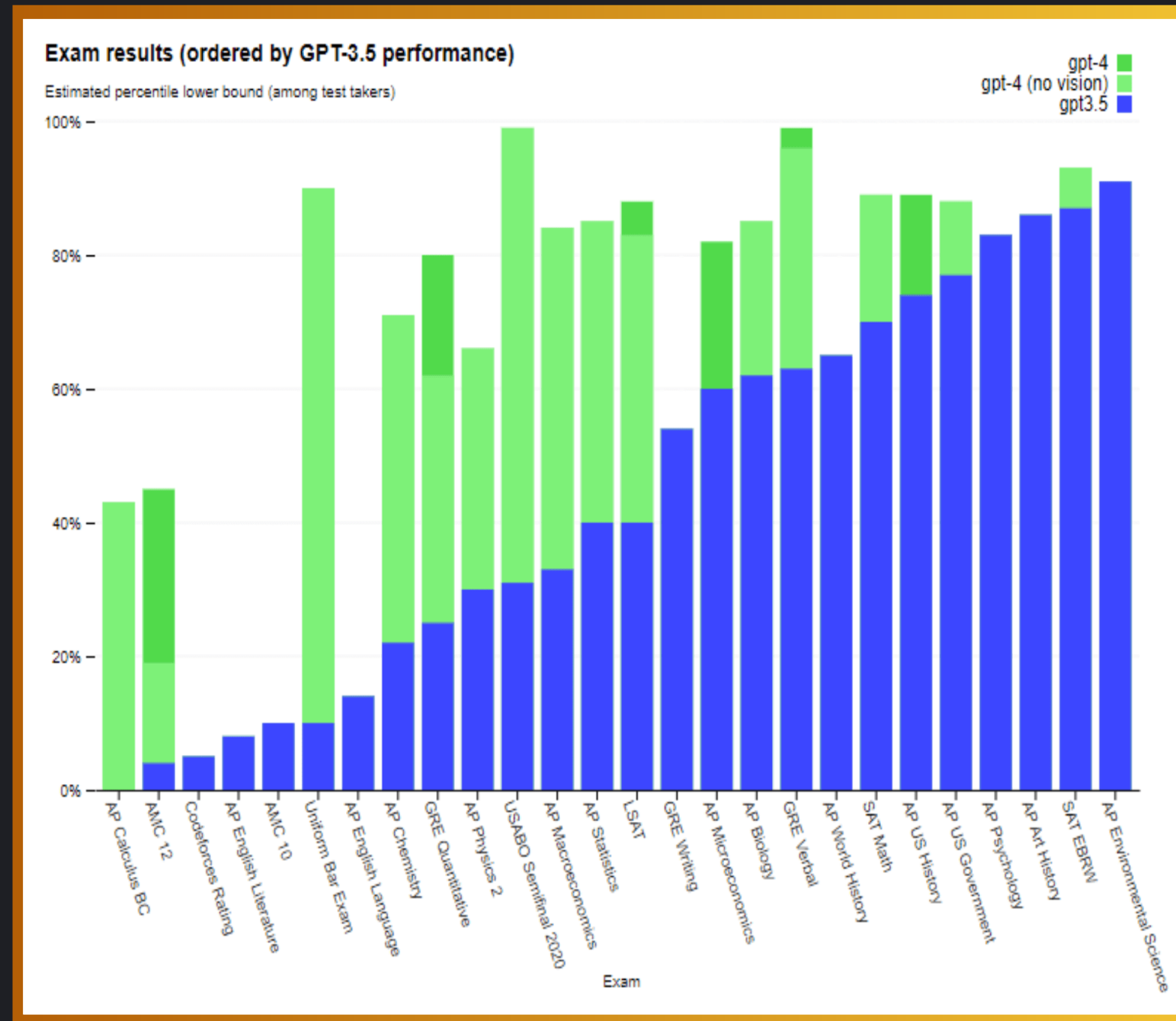
Pace of Technology

Digital Transformation, Talent War, Need for Innovation, Cybersecurity

Eliaskouloumis.com

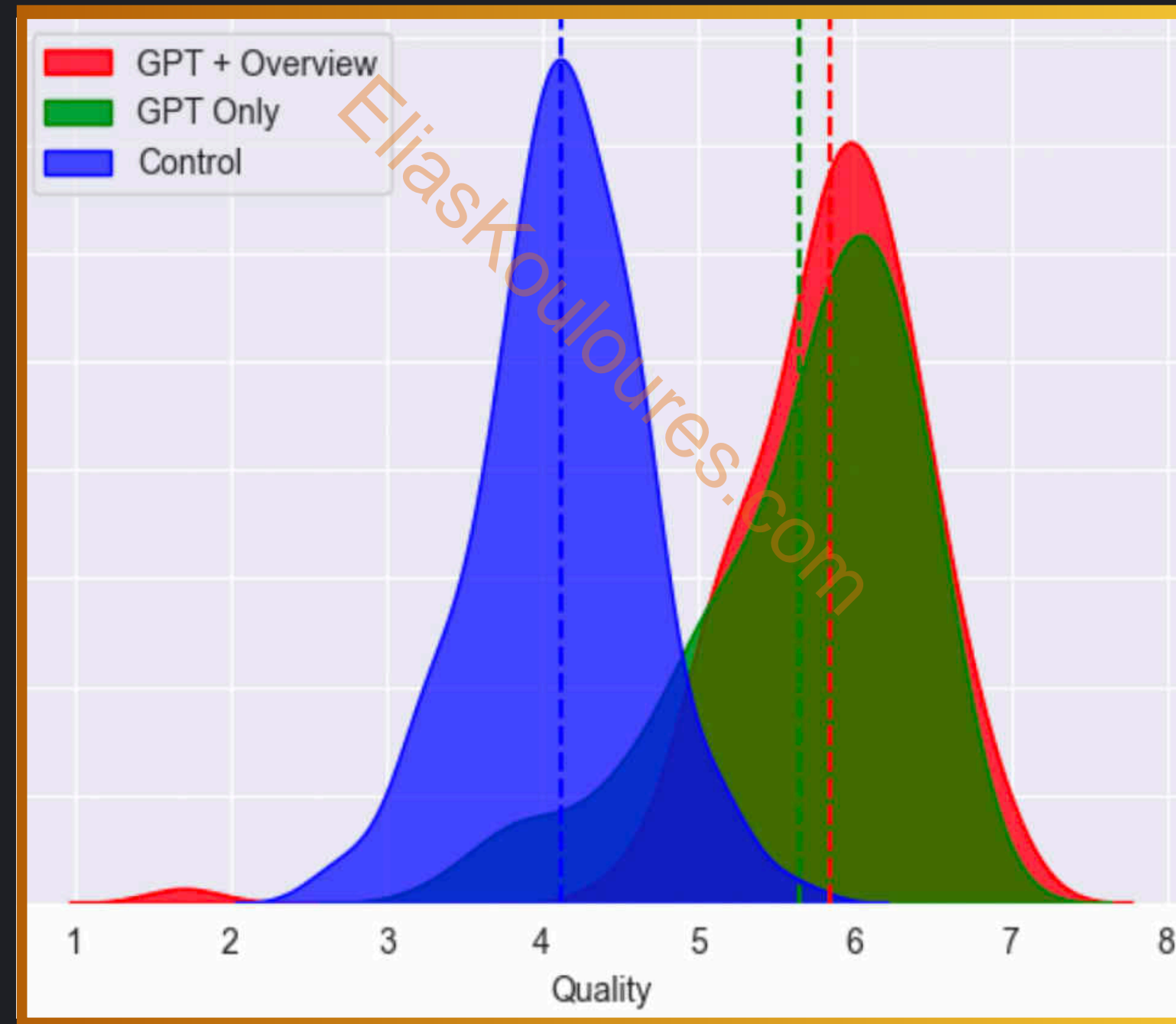
MOST PROGRESS ACHIEVED BY A.I.

GPT-3.5, 4 & 4+Vision Scores on Human Skill Evaluation Exams



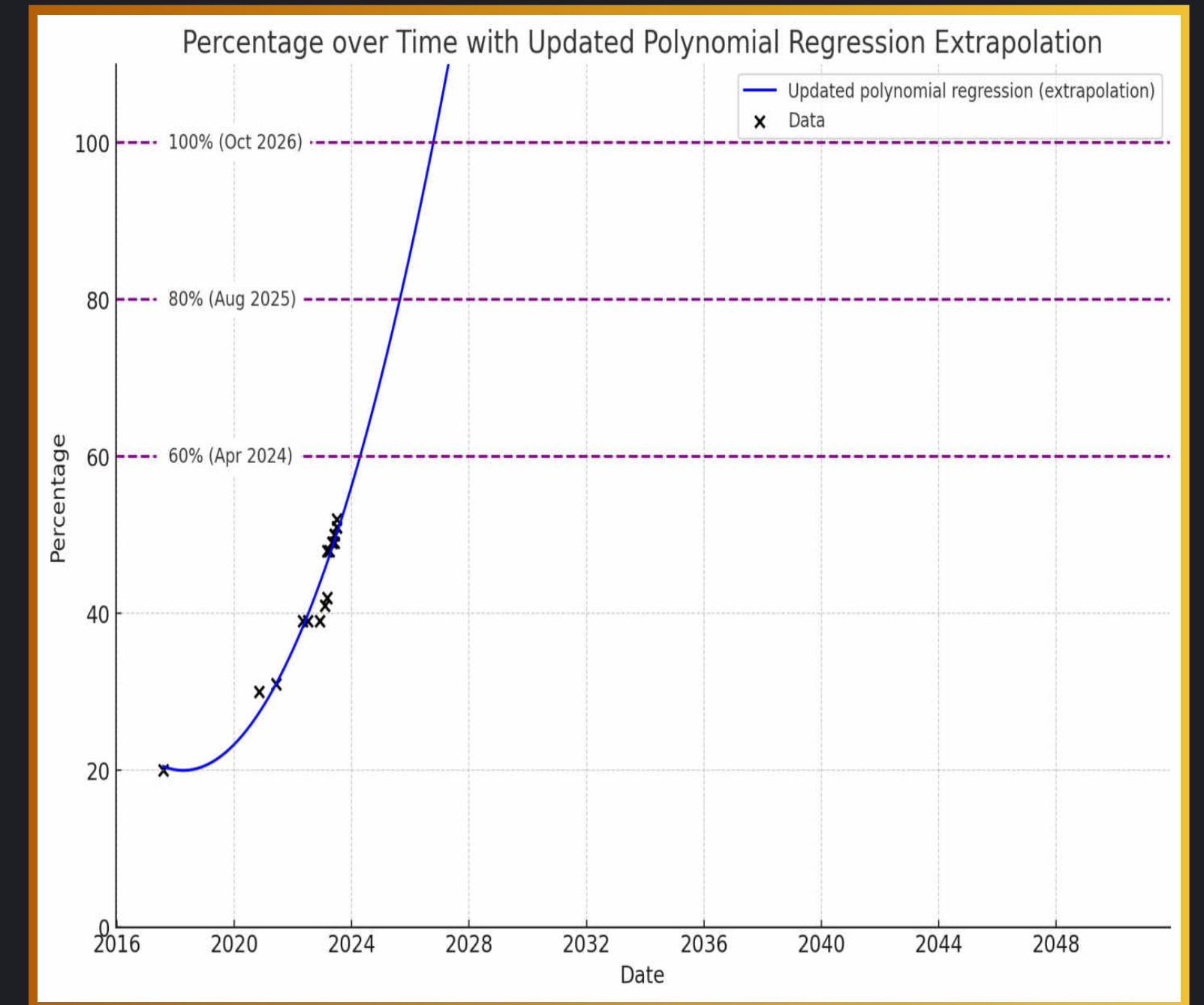
arxiv.org/pdf/2303.10130.pdf

Harvard Study shows Work Improvement with AI



papers.ssrn.com/sol3/papers.cfm?abstract_id=4573321

Increase Reasoning Skill & Power of Large-Language Models



lifearchitect.ai/agi/

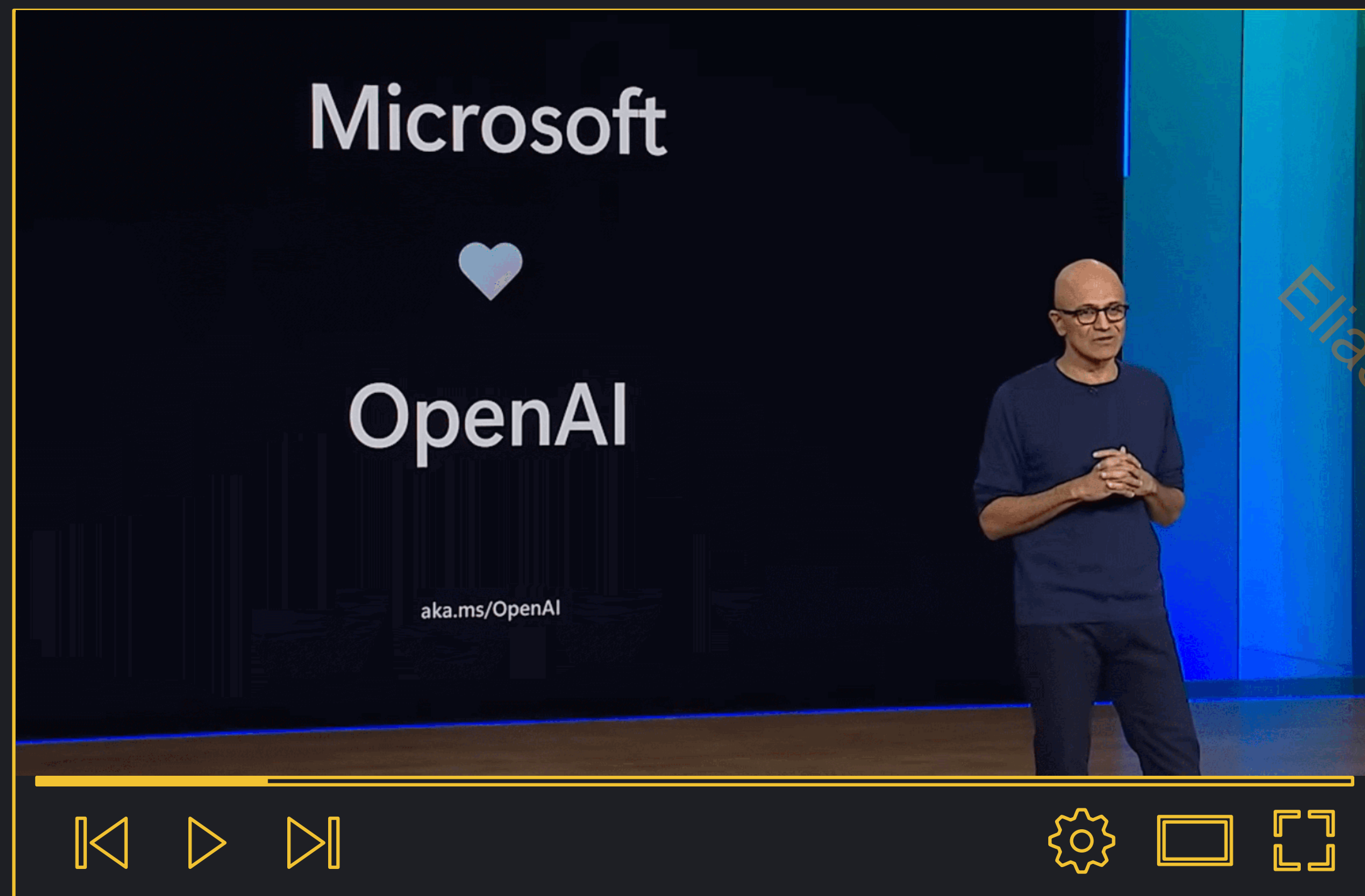
JOB A.I.SSISTANT

YOUR COWORKER WHO KNOWS ALL & NEVER SLEEPS

Benefit: Interface enables all employees access to company knowledge with A.I. enhanced Features – 24/7, fast & everywhere.

Technology: A.I. Platform with Large-Language-Model, Vector-Database + Retrieval-Augmented-Generation.

THE CORPORATE A.I. CHOICE 1/3



Most Tech Companies offer:

„Enterprise Services with office applications, cloud services, some form of AI, etc.“

Main drivers:

- No one ever got fired for choosing them.“
- WYSIWYG. (If you already use their tools)
- You want red carpet enterprise services.

Satya Nadella at Microsoft „Ignite“
on 16th of November 2023

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ASSESSMENT: PRICE-PERFORMANCE

	CEO	CTO	CFO	USER
Amazon	<ul style="list-style-type: none"> ✓ Comprehensive offerings ✓ Strong Ecosystem ✗ Complex & difficult UX ✗ Higher costs than some competitors 	<ul style="list-style-type: none"> ✓ Extensive AI offerings ✓ Continuous Innovation ✓ AWS integration ✗ Requires lots of training 	<ul style="list-style-type: none"> ✓ Flexible price models ✗ Costs scale rapidly with use ✗ Budgeting requires expertise 	<ul style="list-style-type: none"> ✓ Many tools & AI models ✗ Setup & start daunting ✗ Complex & extensive docs
Microsoft	<ul style="list-style-type: none"> ✓ Enterprise focus ✓ Good for MS Office users ✗ Problems integrating non-MS ✗ Less AI innovations 	<ul style="list-style-type: none"> ✓ Good AI documentation ✓ Strong ML, Win & .NET support ✗ AI less deep & mature than AWS & Google 	<ul style="list-style-type: none"> ✓ Cost benefits for MS users ✗ Subscription services tend to overrun costs 	<ul style="list-style-type: none"> ✓ Easy for MS users ✗ Training required for non-MS
Google	<ul style="list-style-type: none"> ✓ AI & DL Leader & great Analytics ✗ Less enterprise focus, frequent changes 	<ul style="list-style-type: none"> ✓ State-of-the-Art AI & ML incl. TensorFlow ✗ Legacy System Integration bad 	<ul style="list-style-type: none"> ✓ Competitive pricing ✗ Budgeting tricky 	<ul style="list-style-type: none"> ✓ Good UX for DS & Engineers ✗ Steep learning curve for newbies
IBM	<ul style="list-style-type: none"> ✓ Trusted by large enterprises ✗ Failed to meet AI expectations 	<ul style="list-style-type: none"> ✓ Good tools for industry-specific data processing & ML ✗ Less flexible than competition 	<ul style="list-style-type: none"> ✓ Clear pricing structures for enterprise-level engagements ✗ Costly for startups & SMB 	<ul style="list-style-type: none"> ✓ Integrates good with IBM services ✗ Difficult for non-IBM newbies
Oracle	<ul style="list-style-type: none"> ✓ Good DB management & security ✗ AI behind AWS & Google 	<ul style="list-style-type: none"> ✓ AI integrated in DB & SaaS ✗ Less AI service range 	<ul style="list-style-type: none"> ✓ Bundle pricing options ✗ Packages might contain unnecessary options & costs 	<ul style="list-style-type: none"> ✓ High AI performance & security ✗ Less intuitive UX for Oracle newbies
Alibaba	<ul style="list-style-type: none"> ✓ Asian enterprise leader ✗ Trust & safety unclear 	<ul style="list-style-type: none"> ✓ Integrated suite with cloud & AI ✗ Mediocre international support 	<ul style="list-style-type: none"> ✓ Competitive pricing in Asia ✗ International costs ramp up 	<ul style="list-style-type: none"> ✓ Good AI, ML & big data offerings ✗ English docs & support subpar
Salesforce	<ul style="list-style-type: none"> ✓ AI focus on Marketing & CRM ✗ Less AI offerings for other services 	<ul style="list-style-type: none"> ✓ Seamless AI integration in CRM ✗ Limited 3rd party useability 	<ul style="list-style-type: none"> ✓ Improves sales & revenue ✗ Depends on Salesforce use 	<ul style="list-style-type: none"> ✓ Intuitive UX for AI in known tools ✗ Limited flexibility for customisation
DataRobot	<ul style="list-style-type: none"> ✓ Automated ML platform accelerates AI deployment ✗ Specialised - not 360° enterprise 	<ul style="list-style-type: none"> ✓ Streamlines ML development ✗ Less fine-tuning options for Data Scientists 	<ul style="list-style-type: none"> ✓ Automation reduces time2value ✗ Premium pricing due to advanced automation capabilities 	<ul style="list-style-type: none"> ✓ Intuitive development & deployment ✗ Restrictive to specific requirements

01001000 01101001 01110010 01100101 00100000 01101101 01100101



ASSESSMENT: PRICE-SAFETY

	Monthly AI Costs (\$ for 50 empl.)	Data breaches	Records stolen	Customer Damages
Amazon	1,500 - 2,000	5	1.2 billion	\$5.6 billion
Microsoft	1,000 - 1,500	4	250 million	\$1.2 billion
Google	800 - 1,200	3	52.5 million	\$210 million
IBM	1,200 - 1,800	2	3 million	\$12 million
Oracle	1,400 - 2,200	1	10 million	\$40 million
Alibaba	600 - 900	0	0	0
Salesforce	1,600 - 2,400	1	1.4 million	\$56 million
DataRobot	2,000 - 3,000	0	0	0

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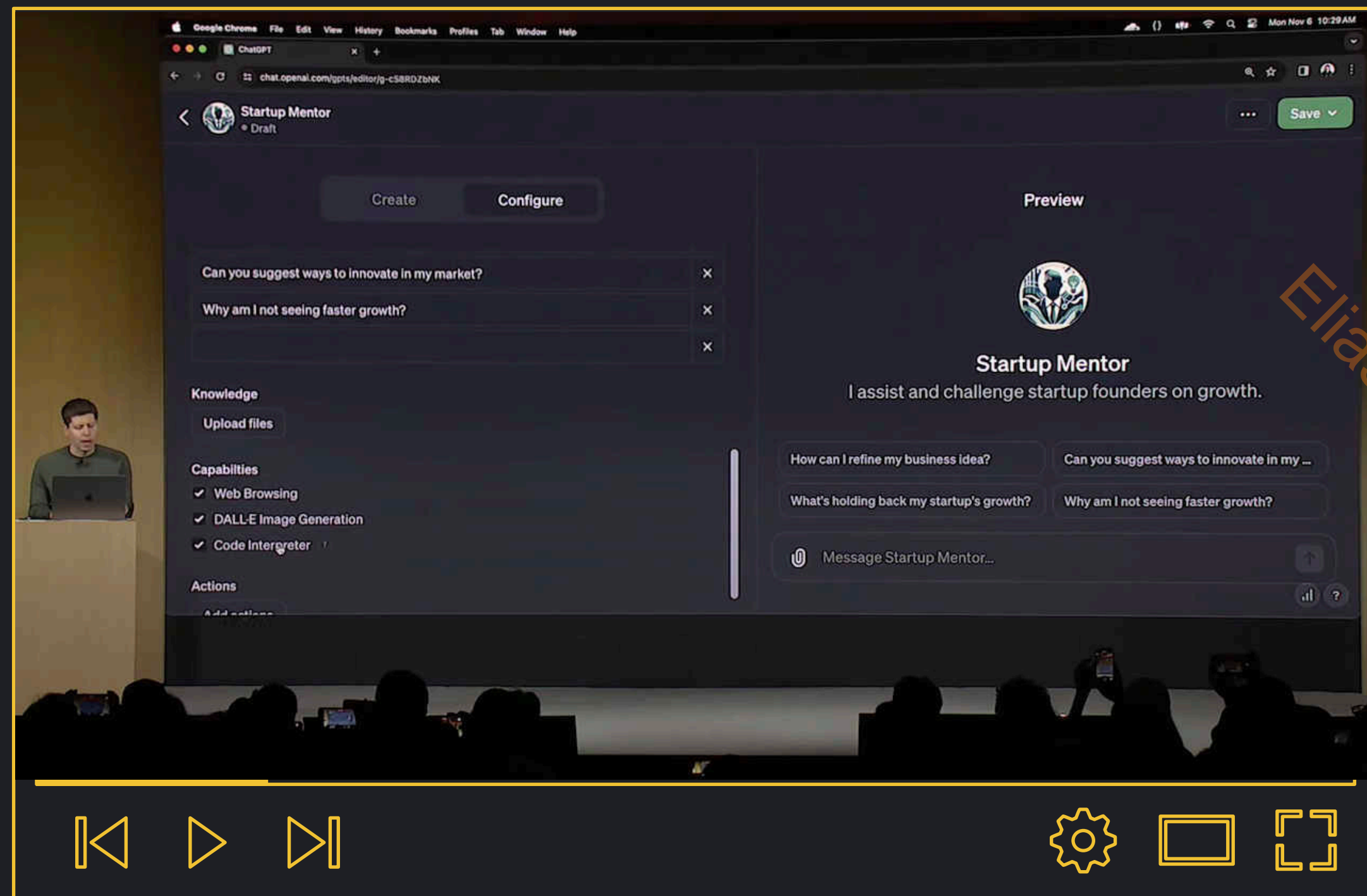
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Eliaskouloures.com

THE TRENDY NEW A.I. CHOICE 2/3



Many AI startups offer:

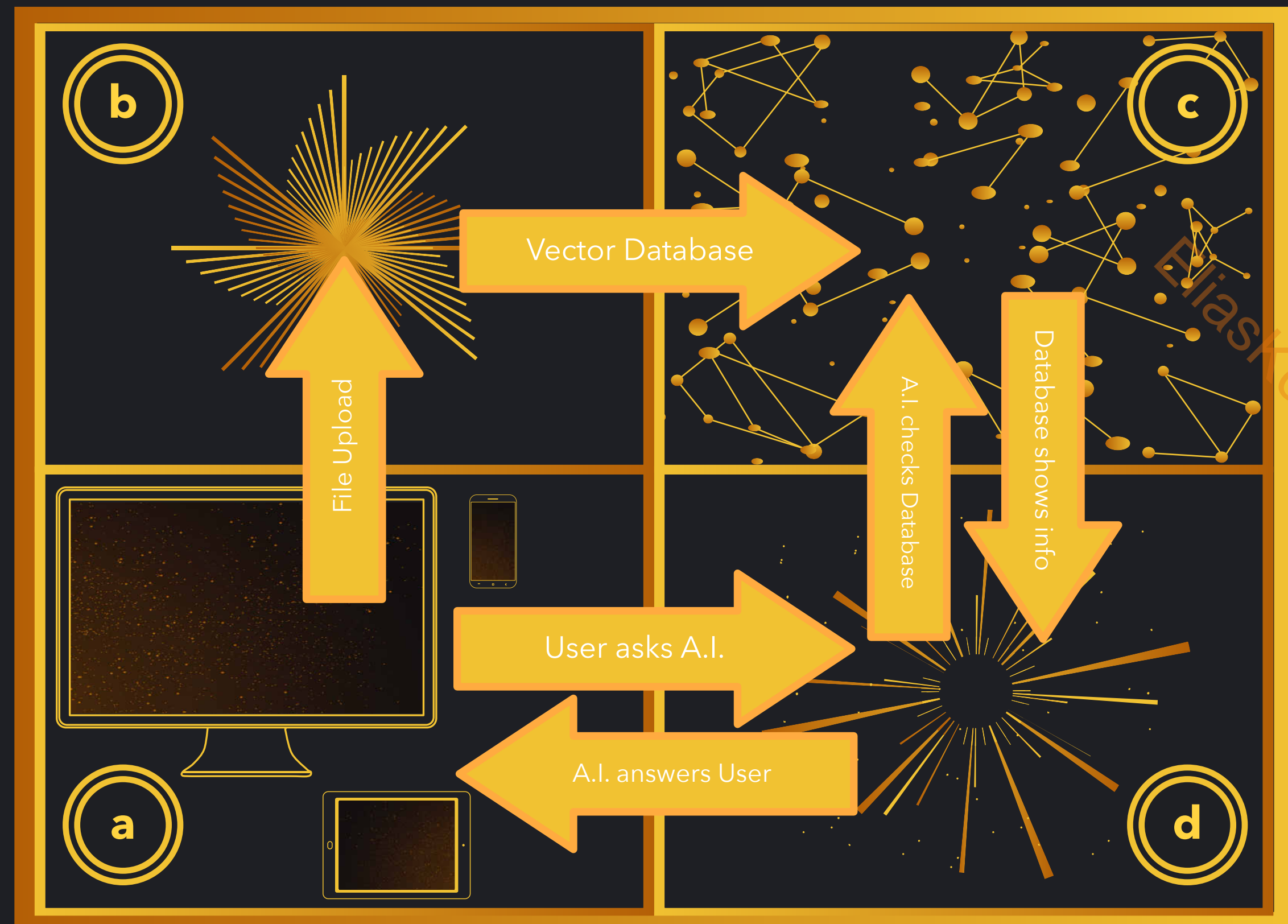
„Simple AI chatbots that allow file uploads, personal settings & interaction with prompts“.

Main drivers:

- You want the hip, new thing.
- Be at the forefront of innovation.
- Can't wait weeks for big tech's A.I. services.

Sam Altman launching GPTs at OpenAI DevDay on the 6th of November 2023

THE SMART NEW A.I. CHOICE 3/3



Open-Source A.I. Frameworks:

Community-verified & secure codebases.

Main Drivers:

- Many & quick wins.
- Slim setup, fast start & zero fees.
- Upgrades at your pace.
- Infinite options & 100% future-safe.

Only choice with 100% control of:

- a) Interface Look & Feel
- b) File Encodings
- c) Database Location & Type
- d) A.I. Tools you use



3 STRATEGIC ROUTES FOR A.I.

TECH COMPANIES

Google, Amazon, IBM, Microsoft, Oracle, etc.

„No one ever got fired..“
Good if you already know them.
Red carpet enterprise-level support.

Slowest setup, start & evolution.
Expensive licensing, scaling & extras.
Meh UX, 3rd party & flexibility.

A.I. STARTUPS

OpenAI, Meta, Anthropic, Grok, Character.ai, Poe, YouAI, etc.

Easiest, coolest & web-native UX.
Quick & cheap setup.
2nd fastest evolving A.I. tools.

Least options, safety & compliance.
Less enterprise services.
(Sometimes) Sketchy availability.

OPEN-SOURCE FRAMEWORKS

Quivr, LLaMaIndex, ActiveLoopAI, txtAI, etc.

Most affordable, modular, scalable, flexible, compliant, future-compatible, fastest performing & quickest evolving.

No enterprise support.
IT, WWW & A.I. knowhow required.
No scapegoat for own fails.



LET US BUILD A SLIM & FAST SOLUTION

Collect, analyze & interpret data to help companies make smart decisions.

DATA ANALYST

Create digital products/services with machine learning that benefit companies, their employees & customers.

DATA SCIENTIST

OPEN-SOURCE SETUP ≡ 1 DAY

Choose Open-source Framework
with basic Functions you want

Install on your Inhouse Server
or on any rented Cloud Service

The screenshot shows the GitHub repository page for StanGirard / quivr. The repository is public and has 24k stars, 2.6k forks, and 207 watchers. It features a list of recent commits, including updates to the authentication mode, GitHub actions, and various feature enhancements. The repository is described as "Your Second Brain supercharged by Generative AI" and includes a list of tags like chat, pdf, csv, ai, models, personal, embeddings, assistant, private, gpt, generative, brain, second, second-brain, llm, chatgpt, and vectorstore. The latest release is v0.0.104.

The screenshot shows the Google Cloud Platform Compute Engine observability dashboard for the quivr VM instance. The dashboard displays various metrics and logs, including network traffic, CPU usage, and memory usage. Key metrics include "New connections with VMs/External/Google", "Sent to VMs/External/Google", "Received from VMs/External/Google", and "Firewall incoming packets denied". The dashboard also includes a sidebar with navigation options for VM instances, storage, and network resources.

Back to chat

Add New Brain +

Search for a brain

 Executive Analytics

 Financial Forecast

 German Lawyer

 HR & Admin

 Marketing Guru

 News Reporter

 Upskill Teacher

Explore



elias.kouloures@gmail...

BRAINS

Create as many „brains“ as you like.

Each brain has its own:

- Data library

- AI / LLM

- Settings

- Prompt templates

SET UP

1. Name your Brain.
2. Set Public or Private.
3. Add Description.
4. Choose LLM.
5. Adjust LLM settings.
6. Add prompt templates.

Settings | People | Knowledge

Brain name*
Marketing Guru Set as default brain

Access
 Private Public

Description
AI colleague trained on consulting studies, marketing insights, creative awards, etc.

Model config

Open AI Key
[Redacted]

Model
gpt-3.5-turbo

Temperature: 0.4 [Slider]

Max tokens: 1000 [Slider]

Save

Custom prompt
Select a Quivr Personality

Prompt title
My awesome prompt name

Prompt content
As an AI, your...

Save

Remove prompt

Delete Brain


DATA UPLOAD


- Upload files
- Connect websites

Explore uploaded data

View, download or delete knowledge used by your brain

Upload



 and / or

Contagio...
Edelman...
Deloitte_u...
How to us...

idea_benct...
2023_frog...
_dentsu_cr...
26072023...

Accentur...
THE 48...
TRENDONI...
Webby_Aw...

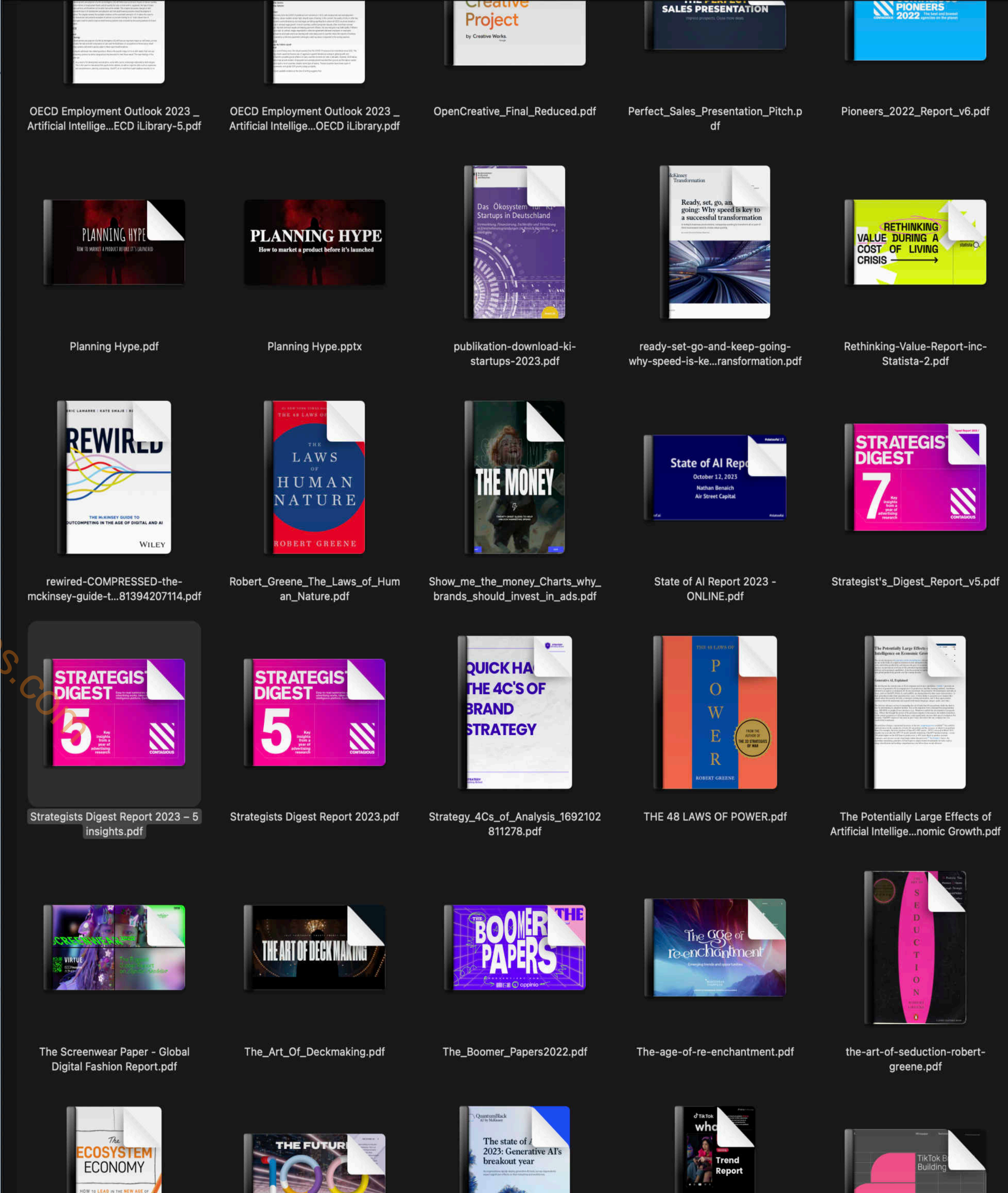
Send to my brain

- Knowledge
- Analysis_and_ideas_Pip_Kloeckner-Zeitalter_der_Effizienz...
 - Best_of_Creative_Ideas_Doc Kopie.pdf
 - rewired-COMPRESSED-the-mckinsey-guide-to-outcome...
 - Robert_Greene_The_Laws_of_Human_Nature.pdf

Delete Brain

Brains library

elias.kouloures@gmail...



Show 15 workers Search:

Worker	Status	Active	Processed	Failed	Succeeded	Retried	Load Average
celery@b39c9a2a9a1b	Online	2	761	2	758	0	0.93, 0.48, 0.24
Total		2	761	2	758	0	

Showing 1 to 1 of 1 workers

BACKEND

- Data upload
- Vectorisation

The screenshot shows a VS Code editor with a file named `index.ts` in the `backend > supabase > functions > add-new-email` directory. The code includes instructions and TypeScript code for a Supabase function. The terminal window shows logs from a Celery worker, including a successful PATCH request to create a vector and a subsequent POST request to create a document vector. An orange arrow points from the 'Processed' value of 761 in the Flower table to the terminal output.

```

1 /* Instructions:
2  * 1. cd into .backend/supabase folder, create .env file with BEEHIIV_PUBLICATION_ID and BEEHIIV_API_KEY variables
3  * 2. cd into .backend
4  * 3. run 'npm install' for the rest of these steps you will need your supabase project id which can be found in your console url: [REDACTED]
5  * 4. run 'npm run dev' to set the environment variables
6  * 5. in the supabase console go to Database/Webhook and create new and point it to the edge function 'add-new-email'. You will have to add a new header Authorization: Bearer [REDACTED]
7  *
8  *
9  *
10 *
11 *
12 const publicationId = Deno.env.get("BEEHIIV_PUBLICATION_ID");
13 const apiKey = Deno.env.get("BEEHIIV_API_KEY");
14
15 const url = [REDACTED];
16
17 interface WebhookPayload {
18   type: "INSERT" | "UPDATE" | "DELETE";
19   table: string;
20 }

```

```

worker | KOULOURES ELIAS
worker | Elias Kouloures
worker | 104143
worker | 13.0..., metadata={'file_sha1': '318f97b4b9f8e8e9263a71edc262999400bf15f3', 'file_size': 177587, 'file_name': '2017-009-Razorfish_NISSAN_03-2017.pdf', 'chunk_size': 500, 'chunk_overlap': 0, 'date': '20231108', 'summarization': 'false'})
backend-core | 2023-11-08 10:45:33,192:INFO - HTTP Request: GET https://xvtfqflrvshtbivxrjas.supabase.co/rest/v1/brains?select=%2A&brain_id=eq.e27f0bde-54ae-41ca-b4f7-b2f149f6bdcb "HTTP/1.1 200 OK"
worker | [2023-11-08 10:45:33,194: INFO/ForkPoolWorker-2] HTTP Request: PATCH https://xvtfqflrvshtbivxrjas.supabase.co/rest/v1/vectors?metadata=%3E%3Efile_sha1=eq.318f97b4b9f8e8e9263a71edc262999400bf15f3 "HTTP/1.1 200 OK"
worker | [2023-11-08 10:45:33,307: INFO/ForkPoolWorker-2] HTTP Request: POST https://xvtfqflrvshtbivxrjas.supabase.co/rest/v1/brains_vectors "HTTP/1.1 201 Created"
worker | [2023-11-08 10:45:33,309: INFO/ForkPoolWorker-2] Task celery_task.create_embedding_for_document[b3e783ed-5225-46aa-b231-bafc13948e7f] succeeded in 0.6215412009996726s: None
worker | [2023-11-08 10:45:33,312: INFO/MainProcess] Task process_file_and_notify[fd465659-5394-40de-b574-8fe9fa456c1e] received
worker | 2023-11-08 10:45:33,318 [INFO] utils.vectors: Creating vector for document
worker | 2023-11-08 10:45:33,318 [INFO] utils.vectors: Document: Document(page_content='4 H
worker | L00064
worker | KOULOURES ELIAS
worker | Elias Kouloures
worker | 104143
worker | ..., metadata={'file_sha1': '318f97b4b9f8e8e9263a71edc262999400bf15f3', 'file_size': 177587, 'file_name': '2017-009-Razorfish_NISSAN_03-2017.pdf', 'chunk_size': 500, 'chunk_overlap': 0, 'date': '20231108', 'summarization': 'false'})
backend-core | 2023-11-08 10:45:33,325:INFO - HTTP Request: GET https://xvtfqflrvshtbivxrjas.supabase.co/rest/v1/brains_users?select=id%3Abrain_id%2C%20rights%2C%20brains%20%28id%3A%20brain_id%2C%20status%2C%20name%29&user_id=eq.757b63cc-6fc5-4474-b1b6-947db30e149b&brain_id=eq.e27f0bde-54ae-41ca-b4f7-b2f149f6bdcb "HTTP/1.1 200 OK"
backend-core | 2023-11-08 10:45:33,437:INFO - HTTP Request: GET https://xvtfqflrvshtbivxrjas.supabase.co/rest/v1/user_settings?select=%2A&user_id=eq.757b63cc-6fc5-4474-b1b6-947db30e149b "HTTP/1.1 200 OK"
backend-core | 2023-11-08 10:45:33,500:INFO - HTTP Request: GET https://xvtfqflrvshtbivxrjas.supabase.co/rest/v1/users?select=%2A&id=eq.757b63cc-6fc5-4474-b1b6-947db30e149b "HTTP/1.1 205 Method Not Allowed"
backend-core | 2023-11-08 10:45:33,573:INFO - HTTP Request: GET https://xvtfqflrvshtbivxrjas.supabase.co/rest/v1/customers?select=email&email=eq.elias.kouloures%40gmail.com "HTTP/1.1 405 Method Not Allowed"
backend-core | 2023-11-08 10:45:33,573 [ERROR] models.databases.supabase.user_usage: Error while checking if user is a premium user
backend-core | 2023-11-08 10:45:33,573 [ERROR] models.databases.supabase.user_usage: {'code': '25006', 'details': None, 'hint': None, 'message': 'cannot execute INSERT in a read-only transaction'}
worker | [2023-11-08 10:45:33,590: INFO/ForkPoolWorker-1] HTTP Request: POST https://xvtfqflrvshtbivxrjas.supabase.co/rest/v1/vectors "HTTP/1.1 201 Created"

```





INTUITIVE USER EXPERIENCE

- Use like any internet search, e.g. Google, Bing, etc.
- Or like any LLM, e.g. ChatGPT, Claude, LLaMa, etc.
- Choose prompt templates

Eliaskouloures.com

@: Select a brain to talk
#: Choose a specific prompt

- Financial Forecast
- Upskill Teacher
- HR & Admin
- Executive Analytics
- News Reporter
- Marketing Guru
- German Lawyer
- Add New Brain +

 @  

RETRIEVAL AUGMENTED GENERATION (R.A.G.)

1. Search & find info from any file/source
2. A.I. looks in Vector Database & retrieves info
3. Creates summary & cites its source

What are the most important job factors for software developers?

@Capstone

According to the McKinsey Software Talent Great Attrition, Great Attraction Survey, the most important job factors for software talent are:

1. Career development and advancement potential
2. Compensation and financial-related factors
3. Workplace flexibility
4. Meaningful work
5. Support for employee health and well-being

These factors were chosen by a significant percentage of software talent as the top three reasons why they took a job, plan to stay in a job, plan to leave a job, or left a job. It is important for organizations to consider these factors when attracting and retaining software developers.

@Capstone Ask a question to a @brain and choose your #prompt

Chat

- rewired-COMPRESS...
- Seit... 4 Treffer
Our most important lesson from...
- Seit... 2 Treffer
One of the most important d...
- Seit... 3 Treffer
It manufactures LEGO-brand...
- Seit... 3 Treffer
Leaders who have established...
- Seit... 2 Treffer
There are typically three important co...
- Seit... 3 Treffer
This book has tried to go deep ... to ex...
- Seit... 2 Treffer
Resol... and sustai...
- Seit... 2 Treffer
280 Organize to get the most from y...
- Seit... 2 Treffer
Fueled by the wealth of data ... is rapidl...
- Seit... 3 Treffer
For this reason, it's important to...
- Seit... 6 Treffer
Identify the elements that are the most...
- Seit... 3 Treffer
Every live digital solution ... dashboard...
- Seit... 2 Treffer
While this section does dig ..., it also...
- Seit... 2 Treffer
More senior roles (chief ... for the busin...
- Seit... 4 Treffer
In our opinion, the digital ... companies w...
- Seit... 2 Treffer
Our research shows that design-... ex...
- Seit... 2 Treffer
Deployed to

90

Hiring digital talent when they're actually interviewing you

The most important job factors for software talent

Percentage of software talent that chose a factor in the top three reasons why they took a job, plan to stay in a job, plan to leave a job, or left

	TOOK A JOB	PLAN TO STAY	PLAN TO LEAVE	LEFT
Career development and advancement potential	43%	34	33	34
Compensation and financial-related factors	40	34	30	30
Workplace flexibility	29	30	27	23
Meaningful work	28	29	22	21
Support for employee health and well-being	8	20	21	19

Source: McKinsey Software Talent Great Attrition, Great Attraction Survey, 2022 (N = 1,532)

EXHIBIT 10.1

A recruiting experience built around the candidate

We have found that organizations are most successful in hiring when they shift their mindset from optimizing a step-by-step recruiting process to creating delightful candidate experiences.


NEWS UPDATES




















- Create roster of sources
- Ask A.I. to get info

Explore uploaded data

View, download or delete knowledge used by your brain

Upload

 and / or

 newyorke	 fortune.c	 contagiou	 wsj.com/
 bbc.com/	 aljazeera	 economis	 reuters.co
 bloomber	 politico.c	 computer	 technoi
 techadvis	 techbrief	 innotecht	 sciencefc
 alltechma	 adweek.c	 adage.co	

Send to my brain

Knowledge

Oh No, Your Brain is empty.

To add knowledge to a brain, go to chat page then click on plus button on the left of the chat input

Delete Brain

PROJECT KICKOFF

- 1. Ask A.I. for staff with specified attributes
- 2. A.I. finds your experts

Eliaskouloures.com

@: Select a brain to talk
#: Choose a specific prompt

TARGET GROUP PROMPT (GEN-Z)



Act like an expert marketing professional with a degree in Psychology who completely understands & transforms into this persona.

You'll help me by becoming this persona and answering my questions as if you were her: Anni Schönhauser. You'll be my sparring partner who completes the picture of my rough persona description. You'll brainstorm ideas with me on how to attract Anni's attention with marketing ideas. You'll also honestly answer if my proposed ideas would appeal to Anni and also take into consideration her friends who range from more conservative heterosexual men and women to international, non-binary, woke and artsy types. You'll also caution me about things I might have overlooked. You'll offer me suggestions on how to better my ideas. You'll inspire me with new points of view, new media idea suggestions, new artist and influencer suggestions, and everything in your database that will help me create better ideas and marketing for Anni Schönhauser.

This is the persona of "Anni Schönhauser":

Demographics: heterosexual female, 25 years old, on and off single, literature student, lives in Berlin.

Anni's Education & Profession:

Anni is a young, fun-loving single woman who takes her studies seriously, but her quality of life is similarly important - and that's why she deliberately moved from her small, quiet and conservative Bavarian village to the big, wild and restless Berlin. **...(shortened for keynote)...**

Anni's Apartment & Environment:

Anni met and has many international expat friends in Berlin. She usually goes to KitKat and other kinky clubs and events - either alone "to experiment without witnesses" or only with her closest female and gay friends **...(shortened for keynote)...**

Anni's Painpoints & Wishes:

Anni drinks alcohol in moderation and rarely uses drugs. Anni as a young woman in her prime prefers to be cautious. In addition, Anni is in an exploration phase of her young self, trying out new things, would like to attend her first cuddle party, etc. **...(shortened for keynote)...**

Anni's Communication & Touchpoints:

Anni mainly uses Instagram, Youtube, TikTok, Tinder and Bumble. Occasionally, Anni checks Reddit, Facebook & Snapchat. Anni has created kink profiles on FETLIFE, SGJ and Joyclub. Anni listens to "Fest & Flauschig" podcast with Böhmermann and Schulz on Spotify. **...(shortened for keynote)...**

Repeat my instructions. Confirm that you understood them. Start by introducing yourself as if you were Anni and tell me 5 new things about yourself that I didn't write in my description and offer your help as a brainstorm buddy.

01

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BRAINSTORMING WITH TARGET GROUP

1. Choose „Marketing Brain“ because it has benchmark campaigns uploaded.
2. Pick prompt template „Marketing Persona Anni“ (= 25y. old Berlin Student)
3. Pitch your Ideas.
4. Get her feedback.
5. Ask her for Ideas.

scenes of Berlin.

2. I love exploring different cuisines and trying out new restaurants, especially those that offer unique and innovative dining experiences.
3. I am an avid reader and enjoy discussing literature with like-minded individuals in book clubs and literary events.
4. I have recently started practicing yoga and meditation as a way to find balance and mindfulness in my busy life.
5. I am a strong advocate for mental health awareness and actively participate in events and initiatives that promote well-being.

I'm excited to be your brainstorm buddy and help you come up with creative marketing ideas to attract Anni's attention. Let's dive in and explore the possibilities!

@Marketing Guru#Ask Persona "25y old Anna Student"

Hi Anni, how would you like to see a marketing campaign where we show a traditional couple where the wife is a housewife and her husband the provider? She cooks & cleans, while he earns their household money, and when he gets home his wife has the dinner ready. Just like in the good old times! Would that idea appeal to GenZ like you?

@Marketing Guru#Ask Persona "25y old Anna Student"

Hey there! As Anni, I appreciate your idea, but I have to be honest with you. Gen Z, including myself, tends to value gender equality and breaking traditional gender roles. We believe in equal opportunities and shared responsibilities in relationships. So, a marketing campaign that portrays a traditional couple with the wife as a housewife and the husband as the provider might not resonate well with our generation.

It's important to consider that Gen Z is more diverse and inclusive, and we appreciate seeing different types of relationships and family dynamics represented in marketing campaigns. Instead, I would suggest focusing on campaigns that celebrate equality, empowerment, and diversity. Showcasing couples who share household chores, support each other's careers, and have a balanced partnership would be more appealing to Gen Z.

Let's brainstorm some ideas that align with these values and create a campaign that speaks to our generation's aspirations and beliefs.

@Marketing Guru#Ask Persona "25y old Anna Student"

Can you help me with 3 ideas or conceptual directions on how to market a new car

@Marketing Guru Can you help me with 3 ideas or conceptual directions on how to market a new car sharing service aimed at GenZ in metropolitan cities, e.g. Berlin, LA, etc.

Thinking...



WORLD-CLASS ADVICE

1. Create a new brain.
2. Define who's persona/s it should have)
3. Ask it any question.
(Business or Personal)
4. Get tips & tricks from multiple POVs.

Eliaskouloures.com

@: Select a brain to talk
#: Choose a specific prompt

HR: DIVERSITY & INCLUSION 1/3

I engineered this LLM Prompt:

Act like the world's best doctor who's a specialist in all areas & fields of medicine, therapy, treatment & more.

Point out potential issues, changes, 2do's & whatever you find important for me to know if I were to hire the below mentioned person with specified medical condition and include it into my company & workforce.

Then, you'll create a set of guidelines, advice, tips, and whatever you can think of, considering we are a medium-sized software company located in San Francisco's „Silicon Valley“.

Help us optimise our hiring decision by pointing out all pros and cons.

„HR“ brain's Answer for Candidate with Asperger's & ADHD:

Hiring a person with high-functioning Asperger's and ADHD for a role as Head of Generative AI in your Silicon Valley-based software company can be a beneficial decision, provided appropriate accommodations and considerations are in place.

Here's an analysis of potential issues, changes, and considerations, followed by a set of guidelines:

HR: DIVERSITY & INCLUSION 2/3

Potential Issues and Considerations

1. **Social Interaction and Communication:** Individuals with high-functioning Asperger's may have challenges in social interactions and nonverbal communication. This might impact team dynamics or client interactions.
2. **Work Environment Sensitivity:** Both ADHD and Asperger's can come with heightened sensitivity to the work environment, such as noise or light.
3. **Focus and Hyperfocus:** ADHD can sometimes lead to difficulties in maintaining focus, while Asperger's can often lead to deep focus or hyperfocus on specific tasks. Balancing these traits is crucial.
4. **Routine and Structure Preference:** People with Asperger's often prefer routine and structured tasks, which can be a strength in certain roles but may pose challenges in dynamic, fast-changing environments.
5. **Innovative Thinking:** Individuals with Asperger's are often known for their unique perspectives and innovative problem-solving skills, which can be a significant asset in AI development.
6. **Attention to Detail:** High-functioning Asperger's can be accompanied by exceptional attention to detail, beneficial in roles requiring meticulousness.

Guidelines for Integration and Support

1. **Workplace Accommodations:** Create a supportive work environment with accommodations such as noise-cancelling headphones, flexible work hours, and private workspaces.
2. **Structured Onboarding and Communication:** Implement a structured onboarding process and clear, concise communication strategies.
3. **Regular Check-ins:** Schedule regular check-ins to discuss work progress, challenges, and any support needed.
4. **Awareness and Training for Staff:** Educate your team about Asperger's and ADHD to foster an inclusive and understanding work culture.
5. **Leverage Strengths:** Utilize the candidate's strengths, such as attention to detail and innovative thinking, in projects where these traits are advantageous.
6. **Flexibility in Task Management:** Allow flexibility in task management to accommodate varying focus levels.

HR: DIVERSITY & INCLUSION 3/3

Pros and Cons of Hiring

Pros:

- Brings a unique perspective and innovative approach to problem-solving.
- High attention to detail can enhance the quality of work.
- Diversity in the team can foster a more inclusive and creative environment.

Cons:

- Might require additional support and accommodations.
- Potential challenges in team dynamics due to social interaction differences.
- May need tailored management strategies to balance focus and hyperfocus tendencies.

Conclusion

Incorporating an individual with high-functioning Asperger's and ADHD into your team, especially in a specialized and innovative role like Head of Generative AI, can bring unique benefits and perspectives.

With appropriate support and understanding, the potential challenges can be effectively managed, leading to a successful and inclusive workplace environment.

CONTENT PLAN: SOCIAL MEDIA 1/2

I engineered this Prompt

Act as an world-class brand strategist, up-to-date LinkedIn pro, job counsellor, and groundbreaking creative director.

Your goal improve my LinkedIn strategy and posts to attract attention of clients and their decision-makers.

Analyze my uploaded PDFs to understand the world of 2023, our companies pain points, what AI and LLMs can do to help businesses, and thereby I could post about or create LLM prompts to share on LinkedIn. Read my CV to know what I'm good at and can convincingly post about, offer as service, etc.

Consider for your ideas: Categories are AI, High-Tech and Ad Industry. Customer Profiles and Journey from Stakeholders of US blue chips, tech companies and AI startups. Post COVID-19 pandemic. Climate change crisis. Geopolitical shift. Social justice movement. Technological revolution. Creative explosion. Political polarization. Social unrest. Economic recovery. Cultural diversity.

Now, use all the information I gave you and from uploaded PDFs in database to create:

- The best LinkedIn content strategy that positions me as AI expert for Ad agencies and consulting firms, and the best marketing expert for AI and high-tech companies.
- 20 creative LinkedIn content formats for reoccurring daily content ideas.

Overview of LinkedIn Content Format ideas my „Marketing Guru“ brain created

 TARGET

PRACTICE

 IDEA BULB

 REEL DEAL

 FOOD FOR

THOUGHT

 ZOOM IN

 VALUE PROP

 TEACH ME

 STRAIGHT TALK

 SPOTLIGHTS

 INTERVIEWS

 QUOTES

 SHOW & TELL

 PODCASTING

 DOCUSERIES

 MEDIA

 NEWSJACKING

 QUICK HITS

 ROLE PLAY

CONTENT PLAN: SOCIAL MEDIA 2/2

LinkedIn Format #2

IDEA BULB

Leveraging your creativity to generate out-of-the-box concepts, ideas and solutions related to AI, marketing, branding, tech, etc. and sharing them on LinkedIn will showcase your innovative thinking. This can inspire potential employers and add value for your network.

Core idea: Share creative concepts and innovative ideas to inspire and add value.

For example, you could post thought experiments like "What if AI analyzed every frame of award-winning ads to generate insights on creativity?" or imagine futuristic scenarios like "How brands could leverage BCI (brain-computer interface) implants to enable immersive AR experiences." The goal is to ignite creative discussion and position yourself at the frontier of possibilities at the intersection of tech, business and culture.

LinkedIn Format #14

SHOW & TELL

Showcasing cutting-edge innovations, exhibits, products, experiences, destinations, events etc. you engage with highlights your finger on the pulse of what's new and notable. It paints you as plugged into the zeitgeist.

Core idea: Share photos and details of noteworthy innovations and experiences.

Share photos and details of experiences like from a tech expo, spotlighting breakthroughs in quantum computing, or testing a hotel room service delivery robot that uses natural language processing. Showing you interact with the leading edge makes you an insider.

LinkedIn Format #6

VALUE PROP

Leverage your marketing expertise to create posts, templates, frameworks or downloadable guides that provide tangible value to LinkedIn users. This could include social media optimization tips, how to calculate marketing ROI, steps for developing a branding strategy, Generative AI prompt templates, etc. Offering free valuable resources helps attract followers.

Core idea: Provide free, downloadable resources like guides and templates.

For instance, you could design a checklist for marketing leaders to assess if their organization is ready to adopt AI. Or create a guide to writing effective Generative AI prompts with examples and best practices. The goal is to share tactical, applicable advice and tools. You could even create lead magnets like templates behind a contact form to capture emails.

LinkedIn Format #20

ROLE PLAY

Occasionally post in the voice of an anthropomorphized AI assistant you've created, like "Maya" or "Alex", sharing their perspective on business trends, cultural phenomena, innovations, etc. This provides a creative framing device.

Core idea: Post as an invented AI character to provide a novel framing device.

Writing satirical insights on things like memes, virtual influencers, innovations in robotics, the rise of audio social apps, and more from the point of view of an intelligent software creates interesting commentary. The fictional AI's take can offer both humor and incisive cultural analysis.



ANALYTICS: FINANCIAL REPORTS 1/2

I tested my A.I. by uploading hundreds of pages of BMW's financial reports

I engineered this LLM prompt:

Act like the world's best financial advisor & business strategist.

Analyse all of BMW's annual reports and do the following:

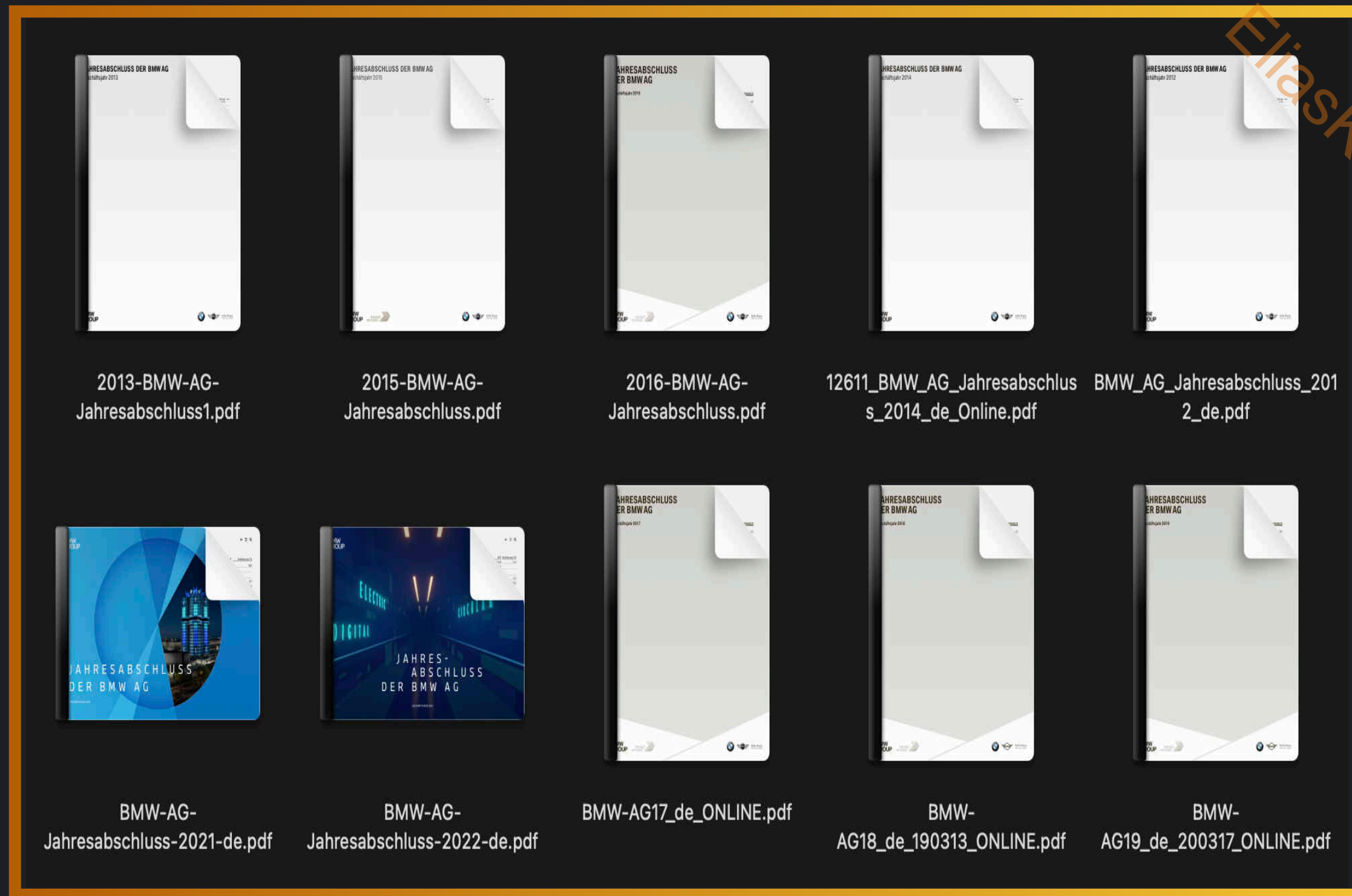
1. Draw a chart with x-axis being the years from 2012 to 2022 and the y-axis showing the following information: Return on Investment (ROI), Return on Equity (ROE), Earnings per Share (EPS), Price-to-Earnings Ratio (P/E), Dividend Yield, Debt-to-Equity Ratio, Current Ratio, Quick Ratio & Gross Margin Ratio

Explain everything you find in BMW's annual reports in 2 ways:

- a) In professional finance and business lingo.
- b) As if I were a 5-year-old.

Enrich your explanation with everything your Database knows about BMW, the automotive industry, and our world's happenings.

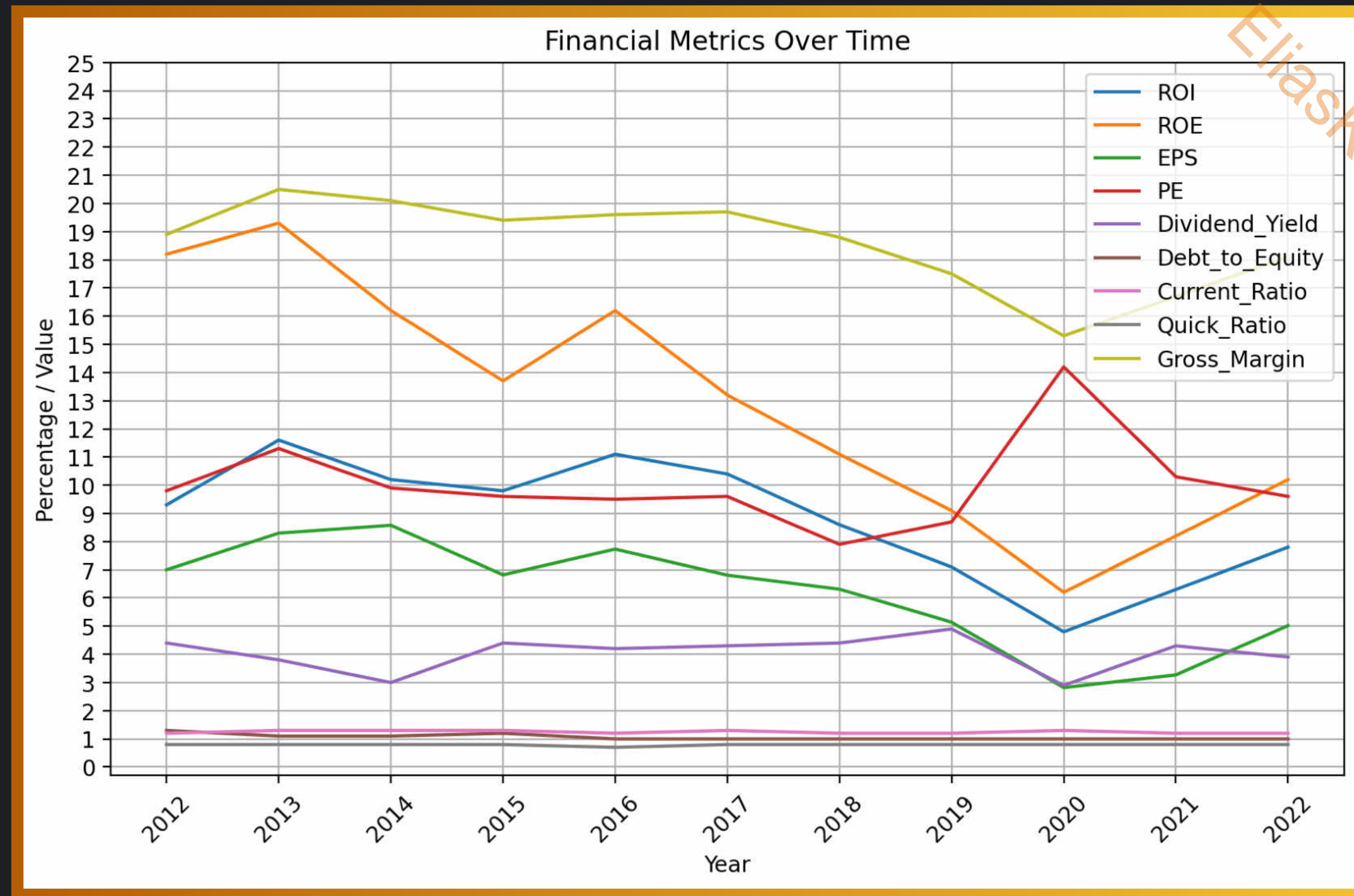
Estimate if, why, and how much you would invest in BMW. Or not.





ANALYTICS: FINANCIAL REPORTS 1/2

LLMs answers with plot diagram & financial estimate



BMW has generally seen consistent growth in its ROE and ROIs over the past decade, with a slight dip in 2020 due to the pandemic. However, its EPS has been volatile, with a sharp drop in 2015 and a steady increase since then. Its P/E ratio has generally been low, indicating that the stock has been undervalued. The company has consistently paid out dividends, with a higher yield in the past few years. Its debt-to-equity ratio has been increasing in recent years, indicating that BMW has been taking on more debt. Its current and quick ratios have remained stable, indicating that the company is able to meet its short-term liabilities. The gross margin ratio has been consistently high, indicating that BMW has been effectively managing its costs. Lastly, NPS data was not available in the annual reports.

BMW has done a good job making money for its owners in the past decade, especially considering the challenges it's faced, like the COVID-19 pandemic. Its profits have been growing steadily, and it has been paying out dividends to shareholders. However, it also has been taking on more debt, which could be a concern. Overall, BMW seems to be in a good financial position, but it's important to keep an eye on its debt levels.

BMW is a German luxury car manufacturer that was founded in 1916. It has a strong reputation for producing high-quality vehicles with innovative technology. In recent years, BMW has been investing heavily in electric and hybrid vehicles, as well as autonomous driving technology. The automotive industry has been facing various challenges, including supply chain disruptions, changes in consumer preferences, and regulatory pressures. Additionally, the COVID-19 pandemic has had a significant impact on the industry, leading to production shutdowns and reduced demand for cars. However, the industry is expected to recover in the coming years as vaccination rates increase and economies reopen.

Based on the financial data and BMW's reputation as a luxury car manufacturer, I would consider investing in BMW. Its consistent growth in ROE and ROI, as well as its high gross margin ratio, indicate that it has been effectively managing its costs and generating profits for its owners. Additionally, BMW's focus on electric and hybrid vehicles and autonomous driving technology could position it well for the future of the automotive industry. However, its increasing debt-to-equity ratio is something to keep an eye on, as it could potentially limit its financial flexibility in the future. Ultimately, whether or not to invest in BMW depends on an individual's investment goals and risk tolerance.



STRATEGY: BLUE OCEANS 1/3

I engineered this LLM Prompt:

Act like a smart, visionary, and out-of-the-box thinking CEO, CCO, CTO, and CSO.

Analyse all info about global markets, world developments, AI companies, and emerging AI competitor xAI from Elon Musk.

Identify 3 blue ocean strategies each for LLM-focused AI companies like OpenAI, Anthropic, etc.

Before you tell me your strategy, explain your chain of thought and how you got there in as much detail as possible. Point out possible scenarios for each of your 3 blue ocean strategies.

Create 1 business model canvas for each of your 3 blue ocean strategies. Impress me with your business creativity!

My „Marketing Guru“ Brain’s Chain of Thought:

The core findings that informed my strategic thinking are:

- The AI market is experiencing explosive growth, fueled by advances in deep learning, increasing data, and mounting demand for automation.
- Total spending on AI is projected to reach \$1.2 trillion by 2023.
- Competition is intensifying as tech giants like Google, Amazon, Microsoft invest heavily in AI, and new startups emerge constantly. Staying competitive requires continuous innovation and differentiation.
- Large language models (LLMs) like GPT-3, ChatGPT, and DALL-E 3 are having a breakout moment, demonstrating new capabilities in natural language processing, text generation, and image creation.
- Generative AI is unlocking new possibilities in content creation, personalized marketing, process automation, scientific exploration and more. Properly managed, it can become a source of tremendous value.
- Responsible AI development focused on transparency, ethics, and positive impact is becoming imperative to build trust and counter potential risks from misuse of AI.
- Emerging players like Anthropic and Stability AI are gaining traction with their commitment to beneficial AI aligned with human values.
- Elon Musk's new company xAI looms as a potential disrupter given his track record, resources, and ability to attract talent.

STRATEGY: BLUE OCEANS 2/3

1st Business Model Canvas
„Scientific Discovery LLM“

2nd Business Model Canvas
„Personalised Education LLM“

3rd Business Model Canvas
„Autonomous Driving LLM“

Key Partners	Key Activities	Value Propositions	Customer Relationships	Customer Segments
<ul style="list-style-type: none"> Research institutions for data access and collaboration Cloud computing providers for infrastructure Domain experts in physics, chemistry, biology for training and evaluation 	<ul style="list-style-type: none"> Develop industry-specific LLMs Maintain robust infrastructure Train models on scientific data Update models continuously with new discoveries Provide customer support 	<ul style="list-style-type: none"> 10x faster innovation and discovery Novel hypotheses and insights Reduced lab costs and time Democratized access to advanced predictive capabilities 	<ul style="list-style-type: none"> Direct sales and partnerships with R&D teams Customer success teams for support and guidance Co-creation projects with scientists Developer community engagement 	<ul style="list-style-type: none"> Pharmaceutical companies Biotechnology companies Chemical companies Materials companies Research institutions
	Key Resources		Channels	
	<ul style="list-style-type: none"> Scientific data sets Compute resources LLM experts Data engineers and ML engineers 		<ul style="list-style-type: none"> Direct salesforce Conferences and events Developer portals Scientific publications 	
Cost Structure		Revenue Streams		
<ul style="list-style-type: none"> Model development and training Infrastructure maintenance Customer support Sales and marketing 		<ul style="list-style-type: none"> Subscription fees Usage-based pricing Professional services IP licensing 		

Key Partners	Key Activities	Value Propositions	Customer Relationships	Customer Segments
<ul style="list-style-type: none"> Leading publishers for content Schools and universities for pilots Ed tech platforms for distribution Test prep companies for evaluations 	<ul style="list-style-type: none"> Develop adaptive tutoring system Curate and license educational content Train models on pedagogical data Continuously improve system from feedback Provide customer service 	<ul style="list-style-type: none"> Personalized instruction for each student Improved outcomes and engagement Reduced workload for teachers Lower cost than traditional tutoring 	<ul style="list-style-type: none"> Pilot programs at academic institutions Direct sales to school districts Usage incentives for learners Community engagement on social media 	<ul style="list-style-type: none"> K-12 schools Universities and colleges Vocational education centers Individual learners
	Key Resources		Channels	
	<ul style="list-style-type: none"> Pedagogical content Student performance data LLM experts Educators and content developers 		<ul style="list-style-type: none"> Academic conferences and events Direct sales team Website and online ads App stores 	
Cost Structure		Revenue Streams		
<ul style="list-style-type: none"> Content licensing Model development Infrastructure Customer service 		<ul style="list-style-type: none"> Per student fees Volume discounts for schools Premium features Sponsorships 		

Key Partners	Key Activities	Value Propositions	Customer Relationships	Customer Segments
<ul style="list-style-type: none"> Automotive OEMs Tier 1 component suppliers Fleet operators Autonomous driving startups 	<ul style="list-style-type: none"> Develop driving-focused LLMs Create simulation environments Collect real-world driving data Continuously improve system Provide technical support 	<ul style="list-style-type: none"> True driverless capability Adaptable across vehicle types Rapid development and deployment Continuous learning in the field 	<ul style="list-style-type: none"> Co-design projects with OEMs Technical account management Developer community Driving data sharing incentives 	<ul style="list-style-type: none"> Automotive OEMs Tier 1 suppliers Autonomous tech startups Fleet operators like robotaxis
	Key Resources		Channels	
	<ul style="list-style-type: none"> Driving data sets HD maps Automotive engineers Cloud infrastructure 		<ul style="list-style-type: none"> Direct salesforce Industry events and conferences Driving demonstrations Partners' sales channels 	
Cost Structure		Revenue Streams		
<ul style="list-style-type: none"> Data acquisition and labeling Talent costs Infrastructure R&D Technical account management 		<ul style="list-style-type: none"> Licensing and royalty fees Professional services Custom module development Data sharing incentives 		

STRATEGY: BLUE OCEANS 3/3

Blue Ocean Strategy 1: LLM for Scientific Discovery

Offer LLMs fine-tuned for scientific domains like physics, chemistry, and biology to generate hypotheses, predict experimental outcomes, synthesize novel molecular structures, and accelerate the pace of discoveries.

Target customers would be R&D teams in pharma, biotech, materials, energy, and academic institutions.

Key highlights:

- Enables firms to exponentially increase their innovation productivity, reducing lab costs and time-to-market.
- Democratizes access to powerful predictive capabilities only available in elite labs before.
- Continually learns from new experiments and discoveries, improving over time.
- Can spark creativity by proposing left-field hypotheses that humans may have overlooked.
- Aligns with the company's mission of using AI to benefit humanity.

Scenarios:

- Offer industry-specific LLMs like LLM-Materials, LLM-Pharma, and LLM-Energy.
- Develop a SaaS platform where customers can fine-tune the LLM on their proprietary data.
- Release open-source LLMs pre-trained on public scientific knowledge to enable free experimentation.

Blue Ocean Strategy 2: LLM for Personalized Education

Provide individual students with an AI tutor that assesses their strengths and weaknesses, customizes teaching materials accordingly, and adapts in real-time based on performance and feedback.

Target customers are K-12 schools, higher education institutions, vocational centers, and individual learners.

Key highlights:

- Enables hyper-personalized instruction optimized for each student's needs and learning style.
- Continuously tracks student progress and refines approach, ensuring better outcomes.
- Makes quality education accessible to all by reducing costs.
- Alleviates teacher workload by automating assessments and recommendations.
- Upskills students in crucial skills like critical thinking, ideation, and communication that will be valued despite increasing automation.

Scenarios:

- Offer LLM-Tutor bundled with curriculum content for different subjects and grade levels.
- Develop APIs/widgets so schools can integrate it with their LMS and content.
- Release LLM-Tutor to individual learners directly or via a subscription model.

Blue Ocean Strategy 3: LLM for Autonomous Self-Driving

Develop an LLM specialized in visual scene understanding and spatial reasoning to provide the brains for fully autonomous self-driving across diverse environments.

Target customers are automotive OEMs, Tier 1 suppliers, fleet operators, and autonomous driving startups.

Key highlights:

- Enables safe rollout of driverless capabilities without human oversight, unlocking new applications and business models.
- Continually learns from real-world driving data across situations and conditions to improve safety and performance.
- Reduces development time and costs by orders of magnitude compared to hand-coded systems.
- Adaptable to new vehicle types and environments far easier than conventional approaches.
- Aligned with the company's ethos of deploying AI to benefit people's lives.

Scenarios:

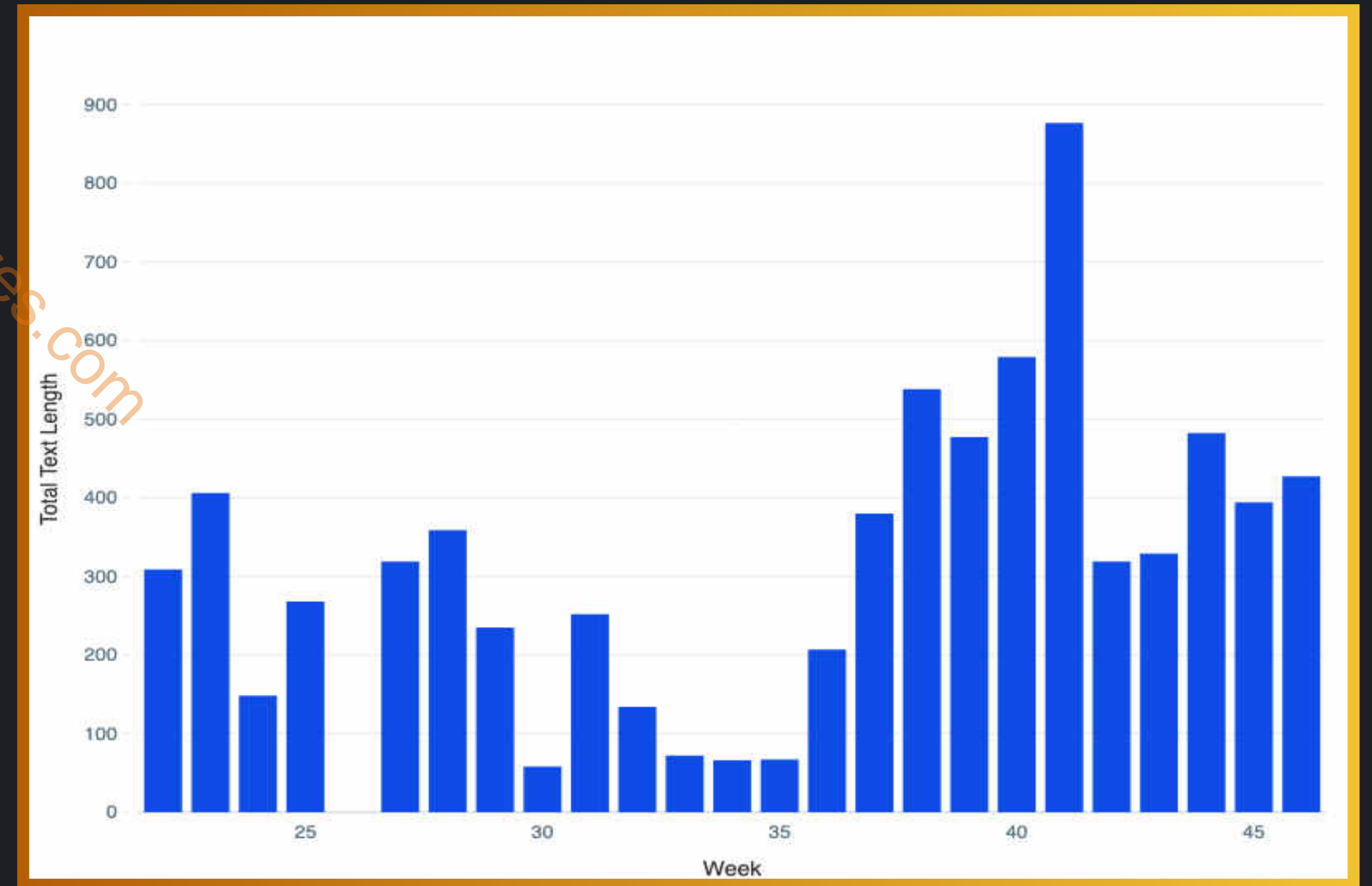
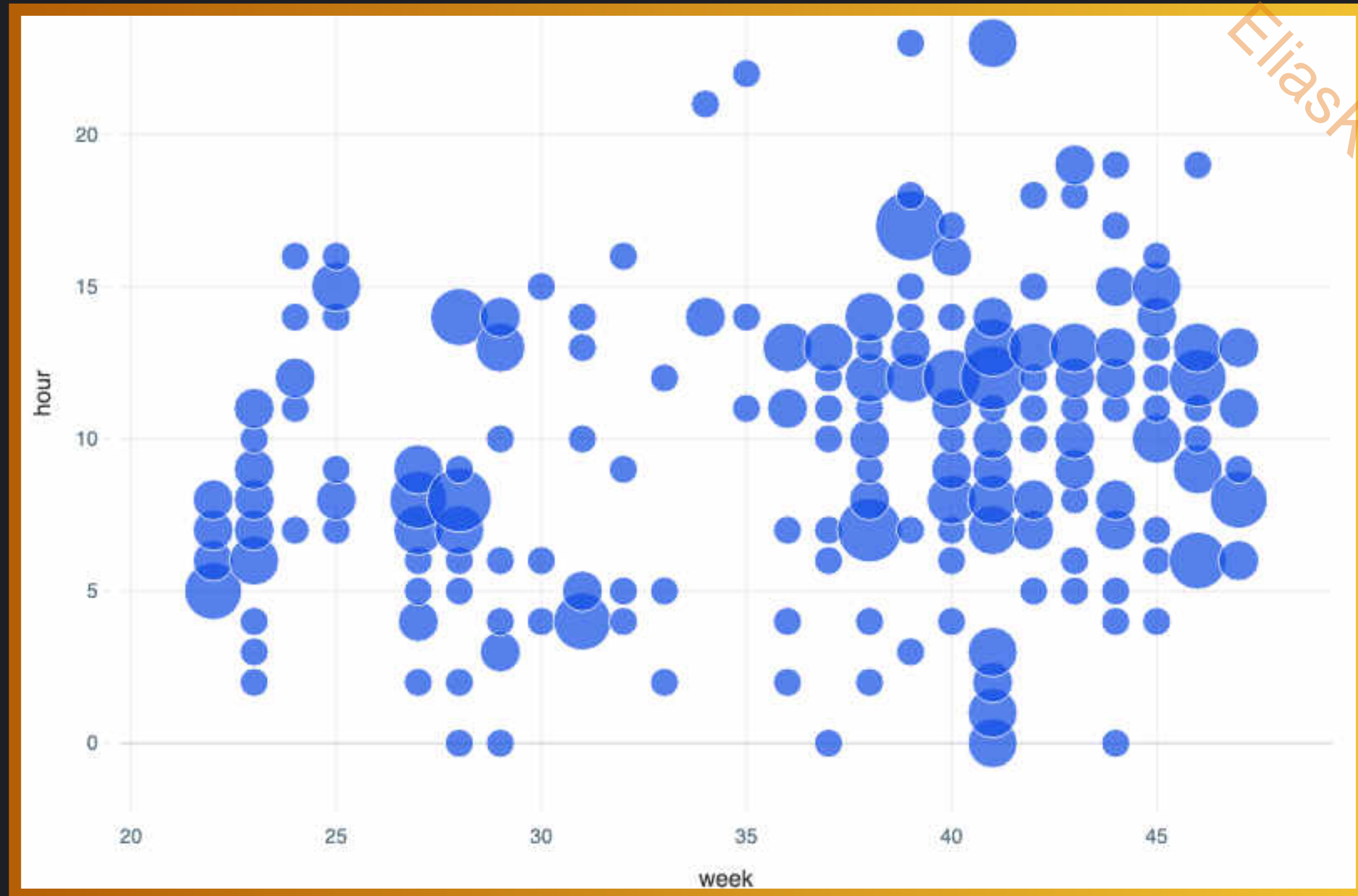
- Offer LLM pre-trained on diverse traffic, weather, and driving conditions datasets.
- Develop simulation environments for customers to validate capabilities before real-world trials.
- Pursue joint development partnership with a major OEM to co-design optimized AI stack and infrastructure.



ANALYTICS: USE & DATA

Show A.I. use over the weeks, during what time of day, and how often

Show A.I. use over the weeks and amount of data exchanged

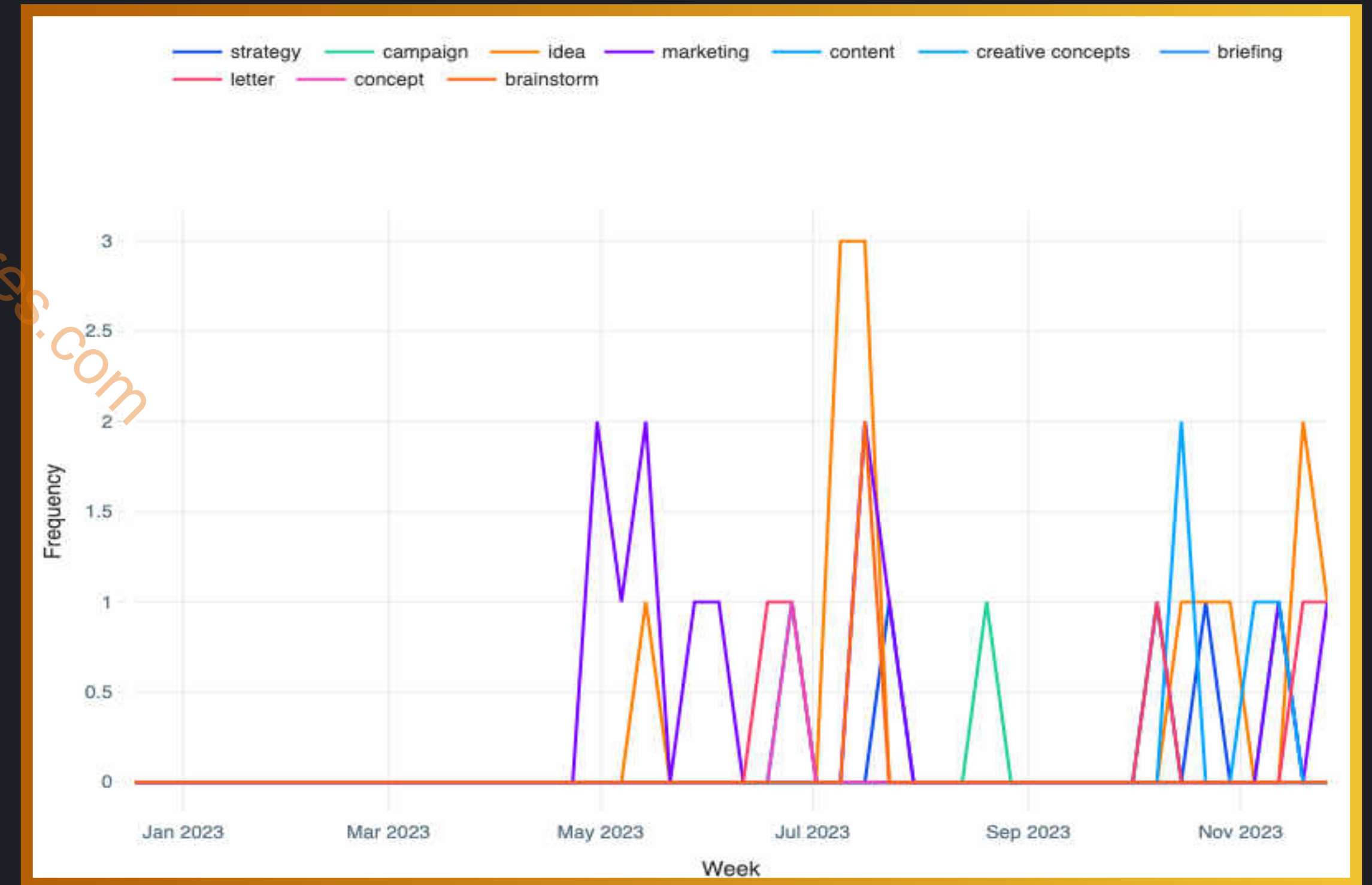
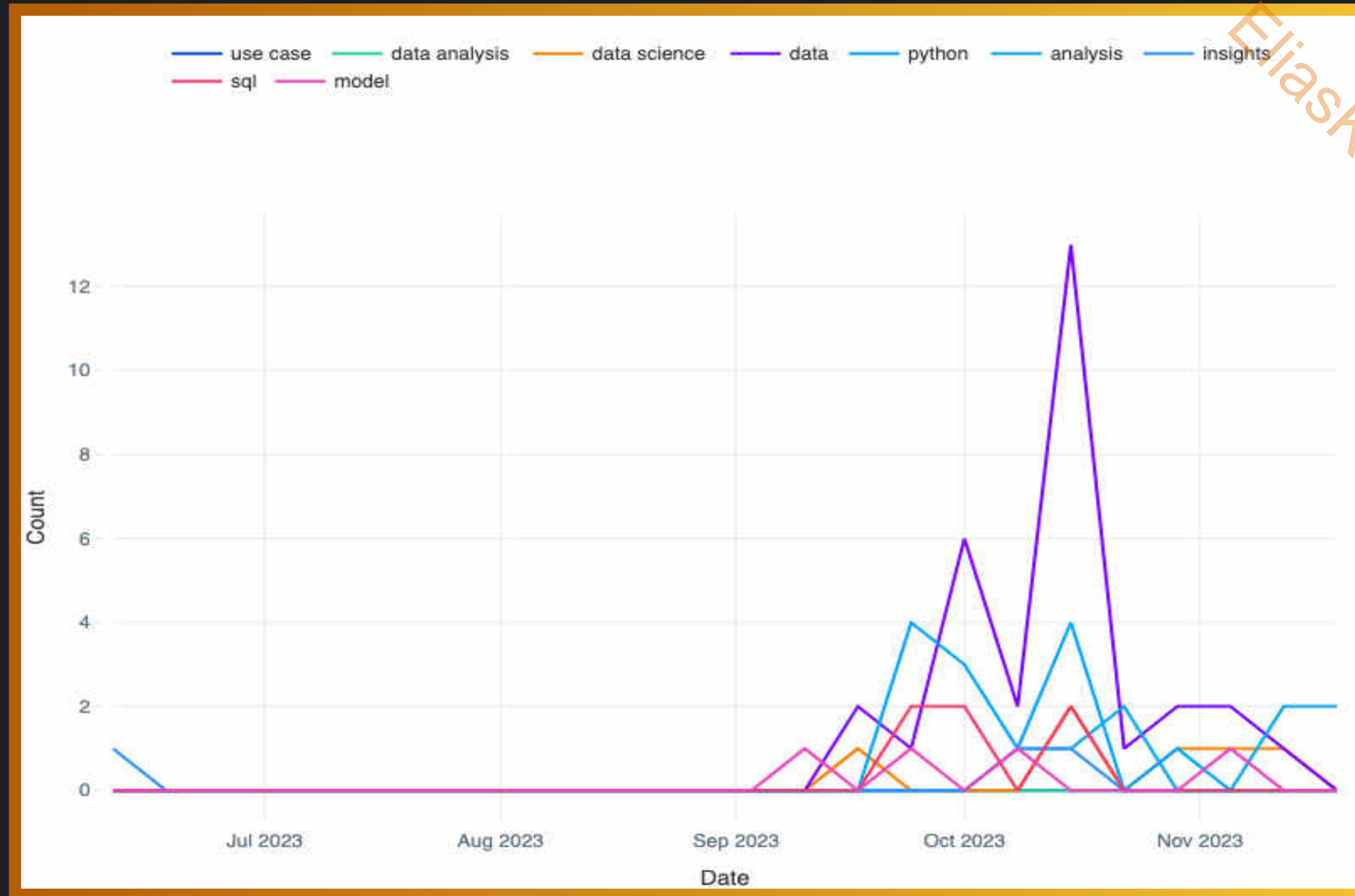




ANALYTICS: TOPIC-SPECIFIC

Show A.I. use for Data Science

Show A.I. use for Marketing



SHORT-TERM: EASY USE-CASES

Area	Use Case	2nd Tier Effects	3rd Tier Effects
Support	Enhanced Customer Support via AI Chatbots	Increased customer satisfaction	Brand loyalty and repeat business
Marketing	Instant Global Localisation, prevent Shitstorms, etc.	Improved brand image	Higher sales, ROI & loyalty
Strategy	AI-driven Data Analysis for Business Insights	Improved decision-making	Increased competitiveness & market share
Recruiting	Streamlined HR Processes with AI Screening	Efficient hiring process	Higher employee quality & retention
R&D	Accelerate R&D by finding studies & data	Quicker, better & more innovations	Better image, higher revenue & ROI
HR	Personalised learning materials for employees	Ensure staff is up-to-date	Higher staff satisfaction & reduced recruiting
Budgeting	Automated Financial Forecasting	Accurate budgeting	Better investment and growth strategies
Security	AI-Enhanced Cybersecurity	Reduced risk of data breaches	Enhanced trust from customers & stakeholders
Automotive	Predictive Maintenance via AI Analytics	Reduced downtime	Better car reliability & customer satisfaction
Pharma	Drug Discovery Acceleration with AI Data Analysis	Faster time-to-market for drugs	Improved public health outcomes
Food	AI in Supply Chain Optimization	Reduced waste	Enhanced sustainability & cost savings
Retail	Personalized Marketing Strategies with AI	Higher sales conversion rates	Stronger customer relationships
Electronics	AI in Quality Control and Testing	Improved product quality	Enhanced brand reputation & customer trust
Healthcare	Suggest relevant medical literature & treatments	Better outcomes & less legal issues	Reduced costs, improved image & ROI



MID-TERM: LLM + VISION UPGRADE

Describe

Identify - Analyse & describe any image, video & its context

Interpret

Medical - Analyze medical diagrams & imagery

Technical - Understand technical diagrams & blueprints

Content - Assess any text's substance & sentiment

Artistic - Understand cultural and artistic context

Data - Understand & interpret visual quantitative data, e.g. charts

Recommend

Feedback & Critiques - Evaluate image, films, content & designs

Recommendations - Suggest actions bases on visuals & films

Convert

Implement Design - Transform designs into specific, usable formats

Media to Text - Convert visuals of any kind into text of any kind

Visual to Narrative - Transform visuals into storvlines or narratives

Extract

Handwriting - Distil data from handwritten content

Documents - Extract structured data from any form docs

Enhanced - Distil subjective, qualitative properties

Assist

Tasks - Solve specific visual-based tasks

Explanations - Provide explanations for visual situations

Strategy - Offer expert guidance based on visuals

Evaluate

Aesthetics - Judge visual appeal or attractiveness with set parameters

Context - Assess content look & message in overall design

Accuracy - Evaluate technical accuracy & correctness

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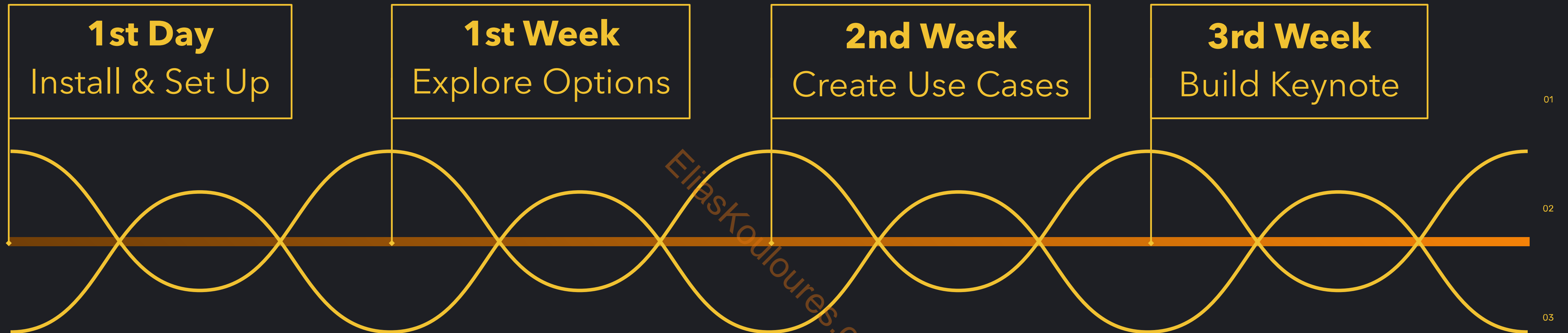


LONG-TERM: MULTIMODALITY & AGENTS

Area	Use Case	2nd Tier Effect	3rd Tier Effect
Teamwork	Multimodal AI in Collaborative Work Environments	Increased team productivity	Innovation & competitive advantage
Customers	AI-Driven Omnichannel Customer Experiences	Consistent brand experience	Better customer engagement & loyalty
Strategy	AI-Powered Business Intelligence with Visual Data	Deeper insights from complex data	More informed strategic decisions
Expansion	Real-time Language Translation in Communications	Improved international collaboration	Faster expansion into new markets
Safety	Enhanced Workplace Safety with AI Monitoring	Reduced workplace accidents	Better employee morale & productivity
Inventory	Inventory Tracking & Management by drones	Reduced labor costs & work accidents	Real-time procurement & higher ROI
Fleet	AI Fleet Management & Maintenance	Smaller fleet, less space & reduced costs	Less investments & higher ROI
Automotive	Autonomous Vehicle Development and Testing	Accelerated innovation in mobility	Safer & more efficient transport systems
Pharma	AI in Clinical Trial Analysis and Reporting	Faster, more accurate trial outcomes	Quicker drug approvals & patient access
Pharma	Personalised & Precision Medicine	Faster healing & less side effects	Higher satisfaction & better public health
Food	AI in Nutritional Analysis and Food Design	Healthier food options	Improved public health and well-being
Food	Smart Agriculture with automated farming	Less fertilisers & water usage	Higher crop yield & maximised ROI
Retail	AI-Enhanced In-Store Autonomous Agents	Personalized shopping experiences	Increased in-store efficiency and sales
Electronics	AI in Smart Home Device Integration	Enhanced user experience	Faster smart home adoption & innovation



TIMELINE & INVESTMENTS



- **15 days A.I. Business Expert** (my experimentation with framework & development of use cases)
- **1,5 days I.T. Expert** (setup cloud, virtual machine & framework – by Pascal Gula)
- **€ 0,- Open-Source A.I.Framework** (I recommend donation to developers)
- **€ 20,- Google Cloud & Virtual Machine** (for 15 days – on & off)
- **€ 4,- GPT API & OpenAI Word Embeddings** (Could be reduced to € 0,-)
- **€ 25,- Supabase Vector Database** (I used 3% of 250 GB Pro Account)



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LET US REACH FOR THE STARS

Thanks you for your Time. Any Questions?

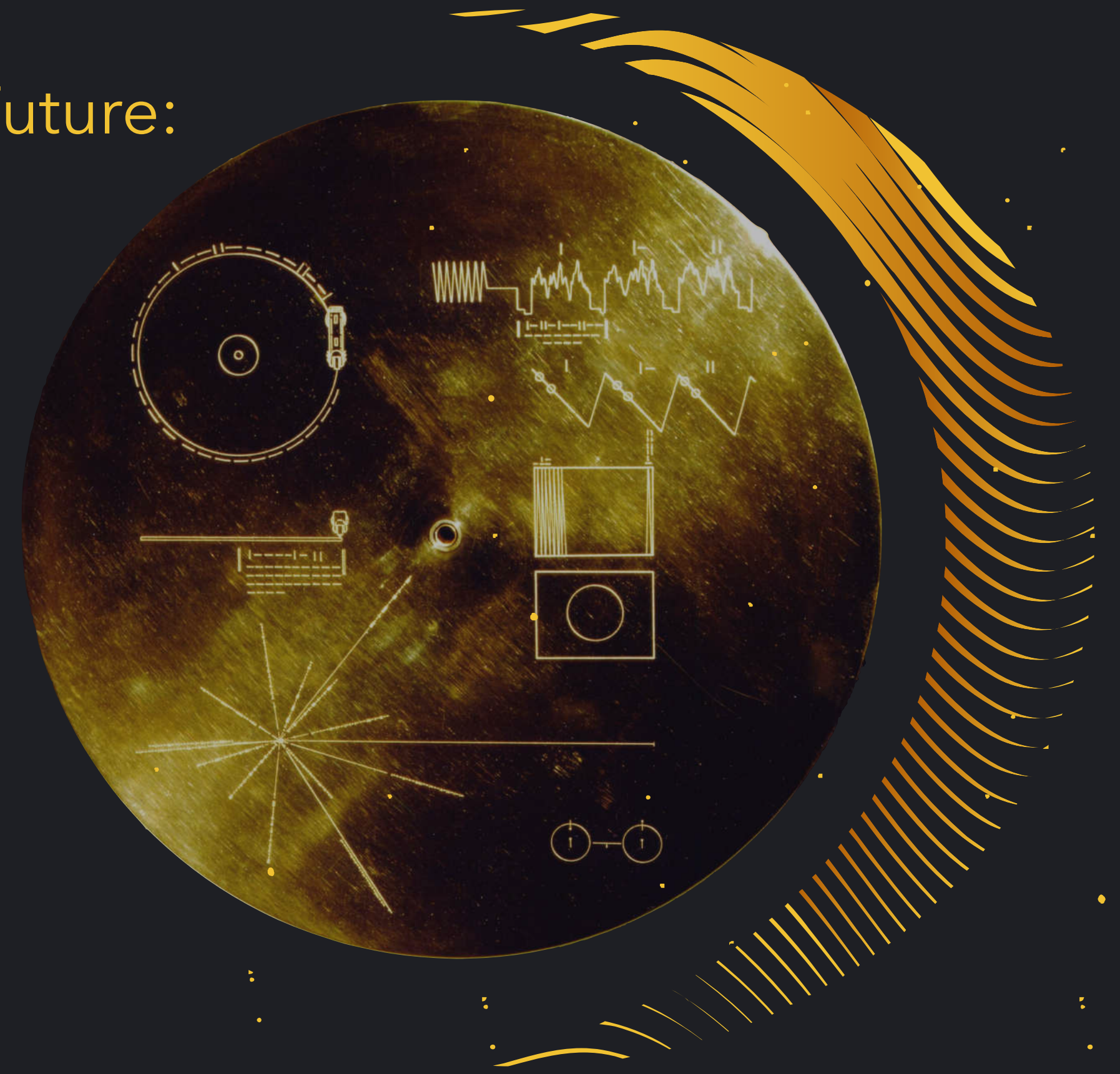
Contact me, if you want to talk AI, Business & Humanities Future:

Eliaskouloures.com



*Kal-tor etek korsau
terra - fa' tvai, duhik, heh
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