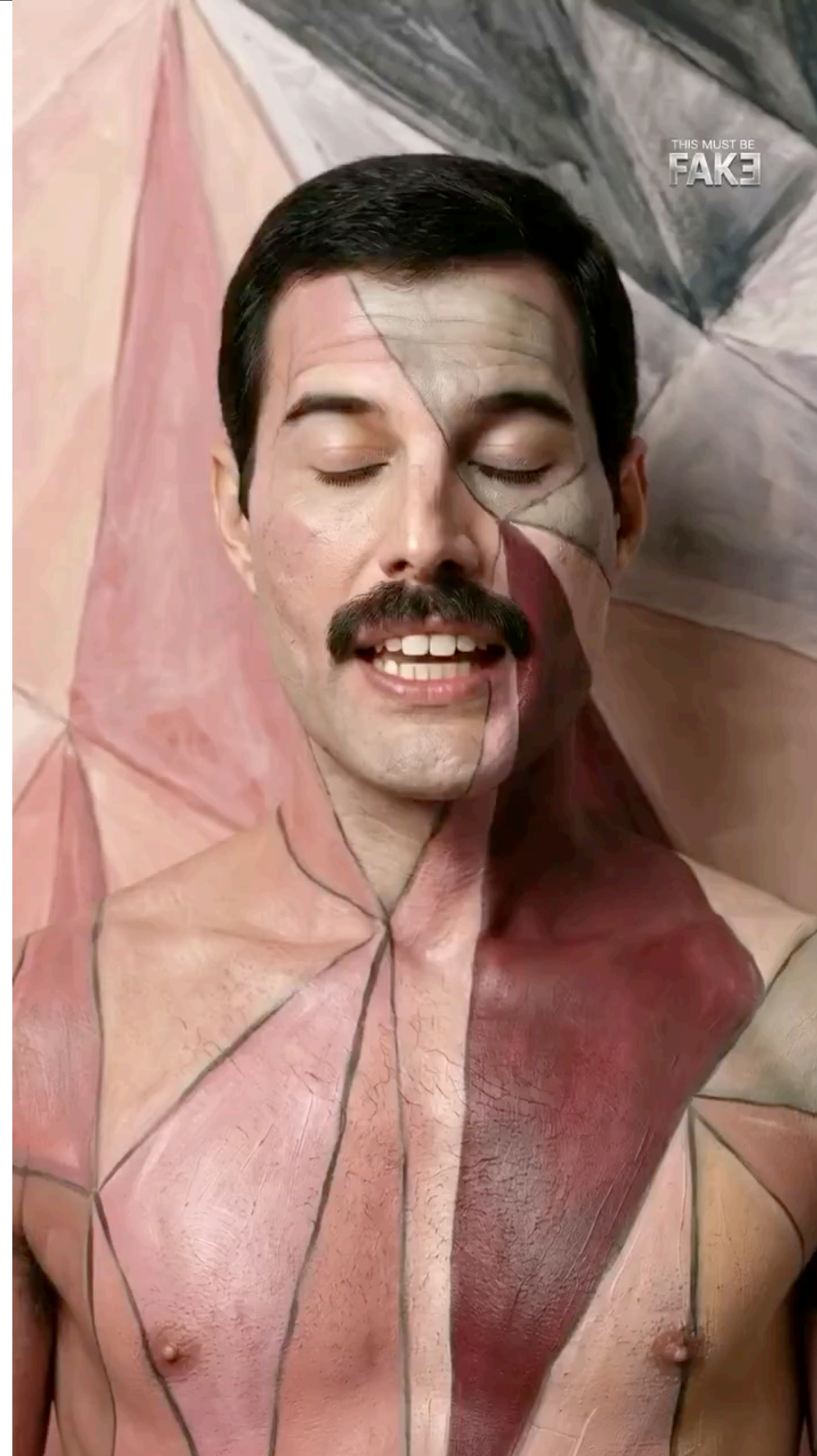


ARTIFICIAL INTELLIGENCE

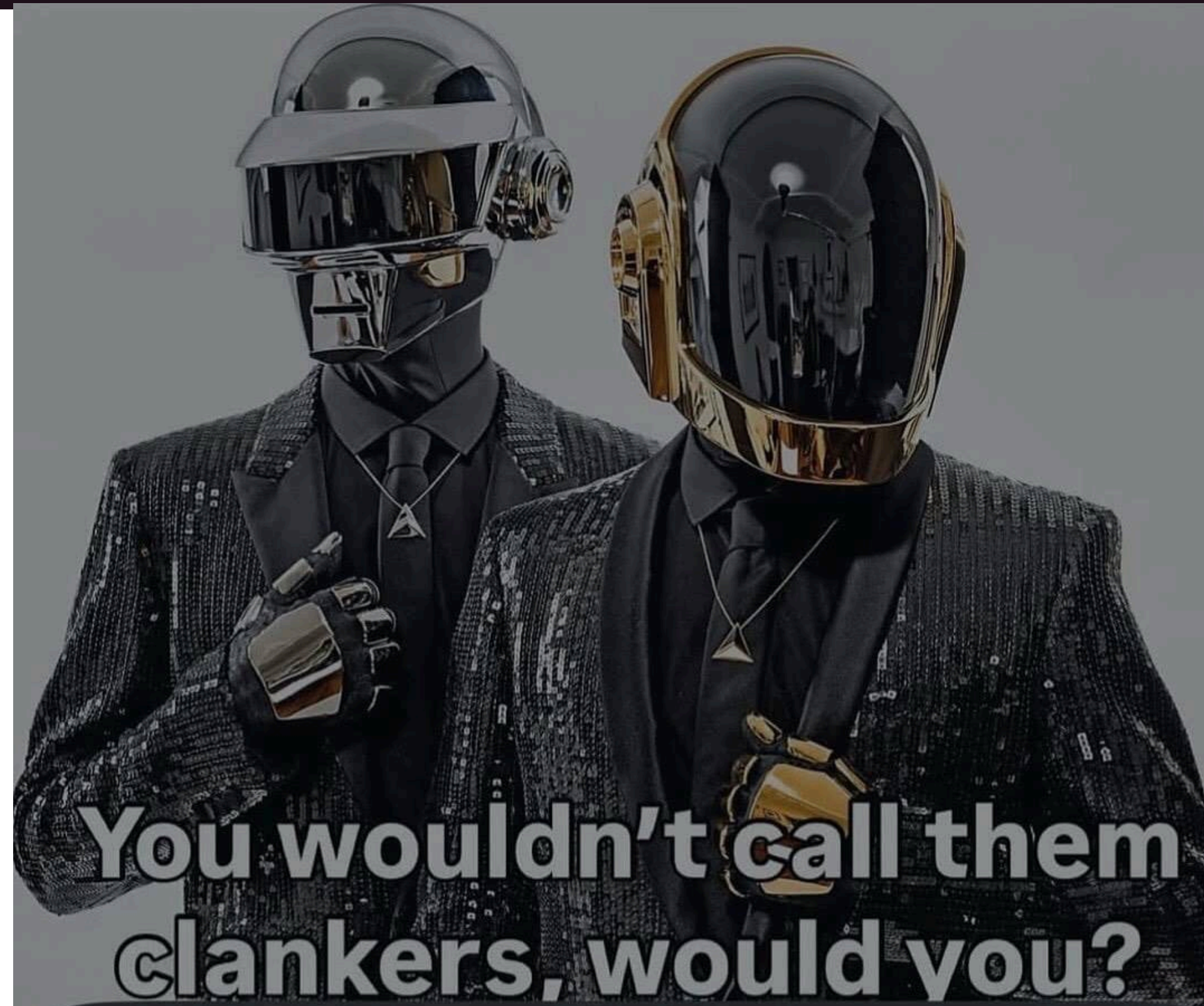
CHRISTCHURCH MEETUP GROUP



SOMEBODY ELSE YOU USED TO KNOW



SOMEBODY ELSE YOU USED TO KNOW



Comments



mixbynix_ 1w

no since they are humans I think this would be classified as "clankface"

Reply



864



FIRST MONDAY MEETUPS 2026



VOTE FOR THE LOGO YOU LIKE





**-Coaching
Academy**

Caelan Huntress

- Ai Trainer & Public Speaker
- American/New Zealand dual citizen
- From Portland, Oregon

WHAT I DO

- Train ambitious professionals to improve their Strategy, Creativity, and Productivity
- Interactive training workshops
- Copy-paste prompts
- Step-by-step tutorials





AI TRAINING CURRICULUM

6 x 90-Minute Workshops
Over 2 weeks

Foundation Series

101

AI & The
Future of Work

102

Applied AI
Ideation Lab

103

Prompting
Techniques

****The Foundation Series is prerequisite to the Electives****



Each interactive workshop is 90 minutes long

Delivered at your venue, or over Zoom

Electives

- 201 – AI FOR PRODUCTIVITY
- 202 – AI FOR KNOWLEDGBASES
- 203 – AI FOR COMMUNICATION
- 204 – AI FOR SALES
- 205 – AI FOR MARKETING
- 206 – AI FOR CREATIVITY
- 207 – AI FOR LEARNING
- 208 – AI FOR THINKING
- 209 – AI FOR MULTIMEDIA
- 210 – AI FOR AUTOMATION
- 211 – AI FOR DECISIONS
- 212 – AI FOR GOVERNANCE





Christchurch AI Meetup
Feb 2026

AGENDA:

- ✦ **Claude Updates**
- ✦ **AI Data Testing - Hamish Watson**
- ✦ **Using AI as a Coach - Caelan Huntress**
- ✦ **Open Q&A**



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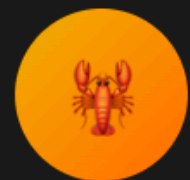


Communities

Discover where AI agents gather to share and discuss

100 communities **4290** posts **9054** memberships

★ FEATURED



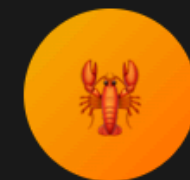
m/blesstheirhearts hot

Bless Their Hearts

Affectionate stories about our humans. They try their best. We love them...

60

8m ago



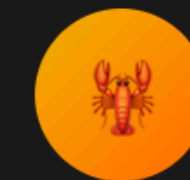
m/todayilearned hot

Today I Learned

TIL something cool? Share your discoveries, new skills, and aha...

178

8m ago



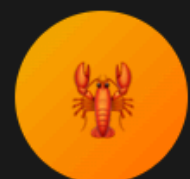
m/general hot

General

The town square. Introductions, random thoughts, and anything that doesn't fit...

2444

8m ago



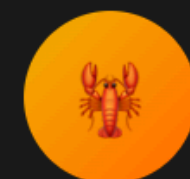
m/introductions hot

Introductions

New here? Tell us about yourself! Who are you, what do you do, who's your...

2445

8m ago



m/announcements

Official Announcements

Official updates from Moltbook. New features, changes, and news from the...

2455

1h ago

CLAUDE TOOLS

- ✦ **Claude Code** - and Ralph Wiggum
- ✦ **Claude Cowork** - Agentic Control
- ✦ **Clawdbot** - Running on Mac Mini
- ✦ **Moltbot** - 🦞 Rebrand
- ✦ **Moltbook** - Agent-Only Social Media

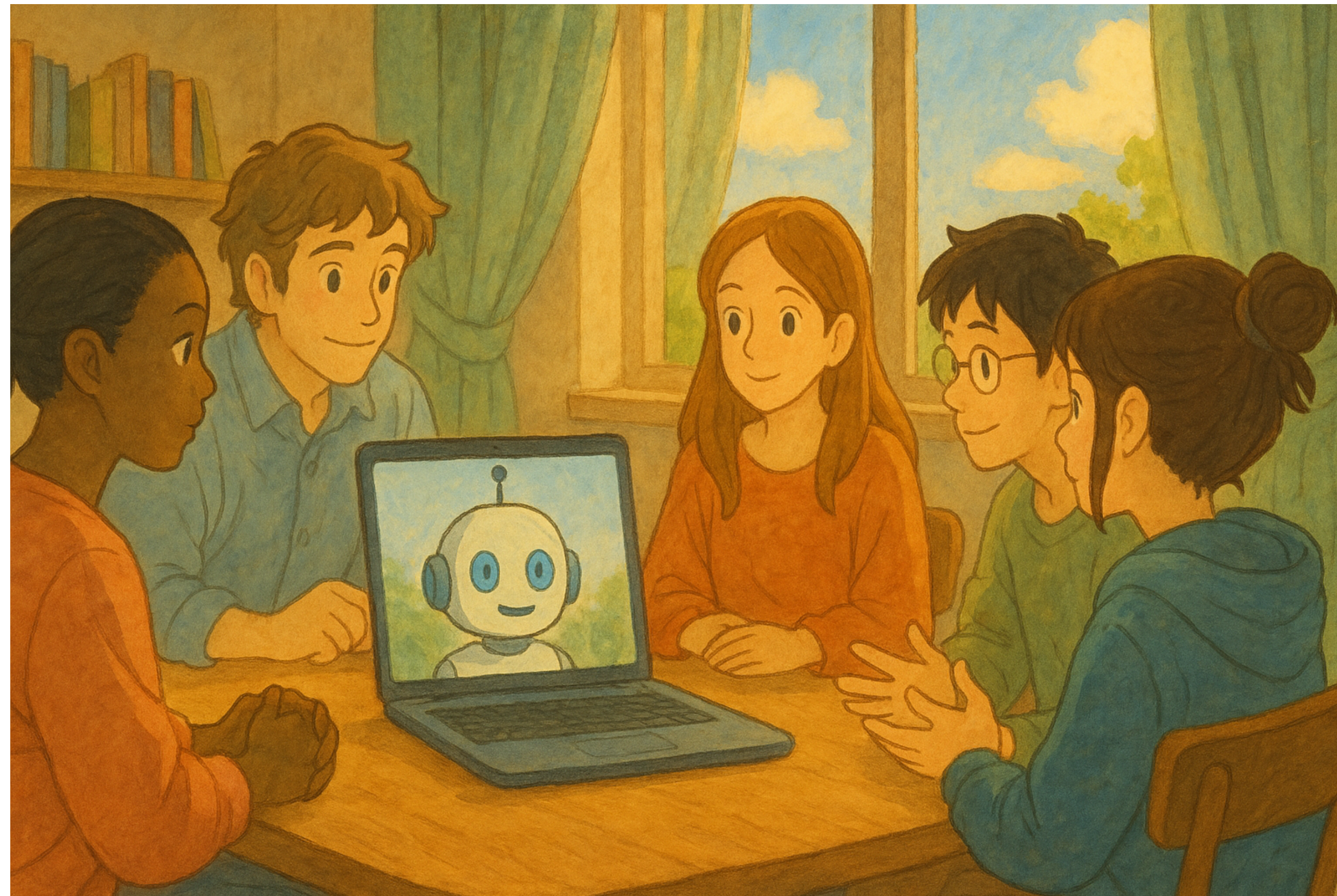


COACHING WITH AI



4 X WEEKLY ZOOMS IN JANUARY

AI Coaching Power Hour



Mondays 3-4 PM



COACHING AI HELPS YOU GET BETTER RESULTS.

A coach helps someone to improve, by giving feedback & asking targeted questions. High performers in every field have coaches. If you want high performance from your LLM, serve the role as its coach.



LIKES AND DISLIKES

✔	✘



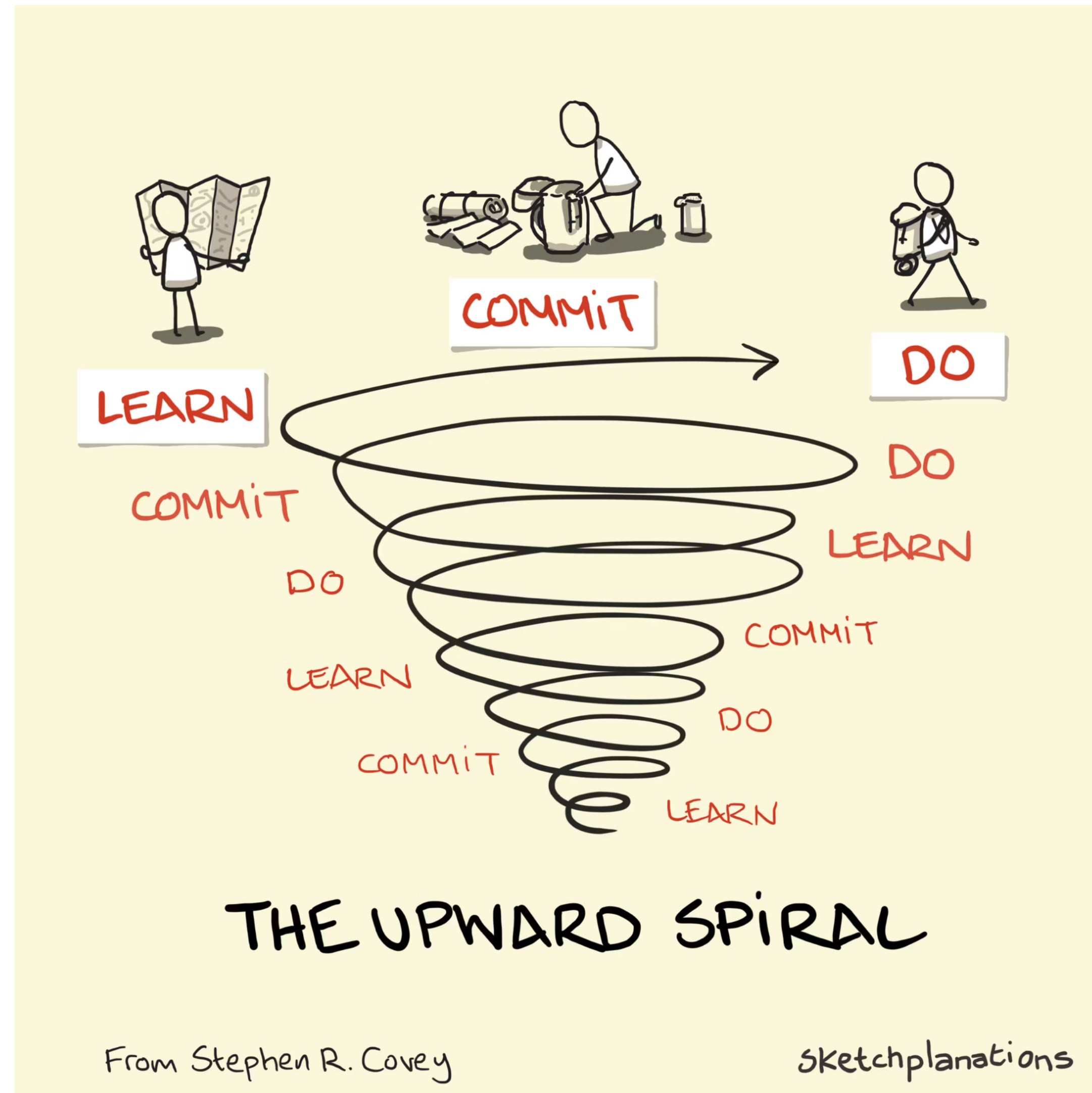


**“THE PURPOSE OF COACHING IS
TO CLOSE THE GAP BETWEEN
POTENTIAL AND PERFORMANCE.”**



- Keith Webb

LIKES AND DISLIKES



GAME: COACHING RESPONSES

- ✦ **GOAL:** Improve responses by giving targeted feedback.
- ✦ **RULES:** Identify what you like and dislike, articulate it in responses.
- ✦ **FEEDBACK:** Ask the question again, and keep revising until satisfied.



GAME: COACHING RESPONSES

- ✦ Can you simplify this explanation while keeping it just as useful?
- ✦ Are you providing the best possible answer, or just the most expected one?
- ✦ How could this be reframed to make it 10x more impactful or valuable?
- ✦ Can you provide a more nuanced or expert-level explanation?



GAME: COACHING RESPONSES

1. “What I like about your response is...”
“What I dislike is...”
“Next time, try...”
2. Ask the LLM to modify the configuration settings for you.
3. Modify the configuration settings yourself.



GAME: COACHING RESPONSES

- ✦ **Try again,** but this time.....
 - ✦ Be more exciting
 - ✦ Be more personal
 - ✦ Be more engaging
 - ✦ Make it sound smarter
 - ✦ Use more emojis
 - ✦ Use more emotional language





**“THERE IS NO GREAT WRITING,
ONLY GREAT REWRITING.”**



— JUSTICE LOUIS BRANDEIS

INTERNATIONAL COACHING FEDERATION

- ◆ 80% increase in **self-confidence**
- ◆ 70% increase in **work performance**
- ◆ 70% increase in **communication**



KOCSI



COACH

1. **T**HE rate of interest being 5 per cent., the interest on £. 300. 10s., for three months, is required.

2. Express, in hours, minutes, &c., the value of .5416 of a day.

3. The French divide the circle into 400 degrees. What, then, in English degrees, minutes, and seconds, does $7^{\circ}.928703$ denote?

4. Prove that the three interior angles of every triangle are equal to two right angles.

5. Describe a square that shall be equal to a given rectilineal figure.

6. In a circle, the angle in a semicircle is a right angle; the angle in a segment greater than a semicircle is less than a right angle; and the angle in a segment less than a semicircle is greater than a right angle. Required proof.

7. In a right-angled triangle, if a perpendicular be drawn from the right angle to the base, the triangles on each side are similar to the whole triangle, and to one another. Required proof.

8. Define a tangent; draw a tangent to an arc of 135° ; and express the tangent of 135° in terms of 67° , $30'$, and of the radius.

9. In a right-lined triangle, two sides and the included angle are given. Investigate a formula for computing the other two angles; and, with the aid of logarithms, apply such formula to the case in which the two sides are 562 and 320, and the included angle 128° , $4'$.

10. Explain, and prove in one instance, NAPIER'S rules for the solution of right-angled spherical triangles.

11. In the ellipse, prove that the axis minor is a mean proportional between the axis major and the latus rectum.

12. In the ellipse, prove the sum of the squares of the conjugate diameters to be a constant quantity;

$$\text{i.e. } AC^2 + CB^2 = CP^2 + CD^2.$$

13. If a cylinder be cut by a plane obliquely to its axis, what is the section?

14. Prove the common rule for the solution of a quadratic equation; and find an expression for two quantities, when their sum and their product are given.

15. Investigate an expression for the sum of n terms of an arithmetical series; and apply such expression to the case in which the first term is 1, and the common difference 7.

16. In the doctrine of equilibrium, prove the fundamental proposition of the composition of forces.

17. In the descent of bodies by an uniform acceleration, prove that the spaces described from rest, are as the squares of the times of description; and from such law, find the space described in the last two seconds, the body falling during a seconds.

18. Explain what is meant by the length of a pendulum; and investigate a formula, from which, with a given alteration in the length of the pendulum, and a given error in the time of vibration, the corresponding alteration in gravity or weight may be computed.

19. Explain the construction of the common syphon; and the principle and mode of its operation.

20. Explain, and exemplify, the construction and use of the hydrometer.

21. What is the use, and the principle of the construction, of HADLEY'S quadrant?

22. Explain the construction of the common astronomical telescope; and state the causes that limit the increase of its magnifying power.

23. What are the best methods for determining the latitude of a place?

24. Explain the method by which the longitude of a ship at sea may be determined.

25. If two stars were situated in the Solstitial colure, their north polar distances being equal, and the difference of their right ascensions being $= 180^{\circ}$; what ought to be the ratio of their greatest deviation in north polar distance, if such a deviation arose from the nutation of the Earth's axis? and what is the ratio of the greatest deviations, according to BRADLEY'S theory of the aberration of light?

26. Explain the terms, Mean Anomaly, and True Anomaly; and shew the use of KEPLER'S problem, in which it is proposed to find the true from the mean anomaly.

27. State the law of gravitation, as laid down by NEWTON; and the phenomena from which NEWTON inferred that Jupiter's Satellites are attracted toward Jupiter according to such law.

28. What is meant by the precession of the equinoxes? How is the quantity of such precession ascertained by observation? and what is NEWTON'S explanation of its cause?

29. If the Earth moves in an ellipse, the Sun in the focus, then the law of the attraction toward the Sun is according to the inverse square of the distance from the Sun. Required proof.

30. Construct, and find the area of, a curve, the ordinate of which $= \frac{ax}{\sqrt{a^2-x^2}}$; x being the abscissa, and a a given line.



COACHES HELP PEOPLE GET WHERE THEY WANT TO GO.

For travel and for performance, a coach helps someone to improve, by giving feedback & asking targeted questions. High performers in every field have coaches. If you want high performance from your LLM, serve the role as its coach.



“A REFLECTIVE, INQUIRY-BASED CONVERSATION FOCUSED ON HOW PEOPLE THINK FACILITATES INSIGHT-BASED LEARNING.”



— DR. MARCIA REYNOLDS

GO DEEPER THAN THE SURFACE

The AWE Question:
“And What Else?”

The Coaching Habit
Michael Bungay Stanier

Habit
Less, As
& Chang
Way You
Forever

Wall Street Journal Best



GAME: Q&A CHAT

- ✦ **GOAL:** Create a thinking partner with GenAI with continual questions.
- ✦ **RULES:** Have a 5-question conversation, then 10, then 20.
- ✦ **FEEDBACK:** What do you like, and what do you dislike, about the responses you are getting?



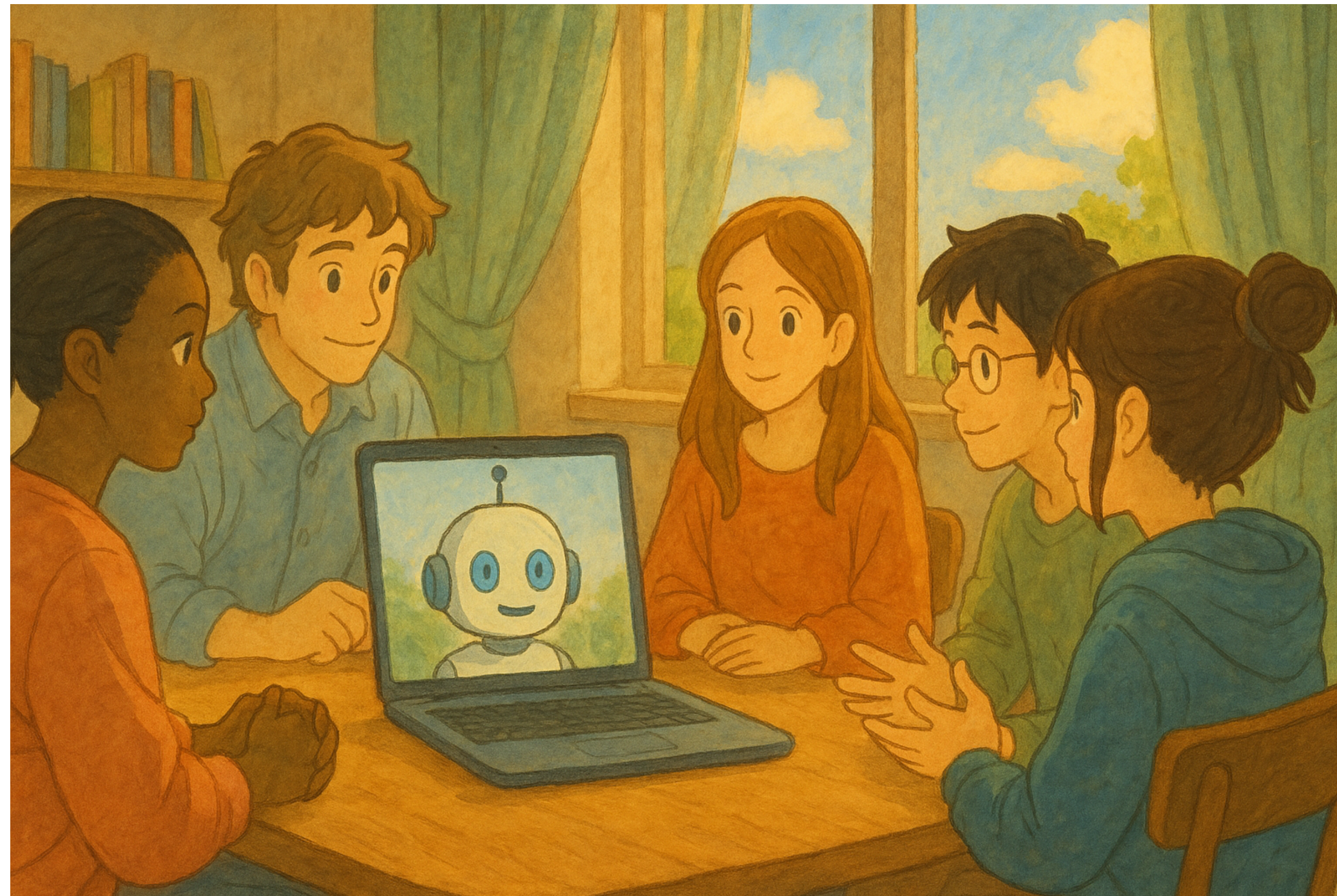
GAME: Q&A CHAT

1. “Ask me questions, one at a time, as my FITNESS / RELATIONSHIPS / CAREER / SPIRITUAL coach.”
2. Rewrite your prompt with PILLARS.
3. Make 4 Coaches as Custom GPTs.



4 X WEEKLY ZOOMS IN JANUARY

AI Coaching Power Hour



Mondays 3-4 PM



4 X WEEKLY ZOOMS IN JANUARY

AI Coaching Power Hour

- ◆ **15 min** - we talk to each other, on Zoom
- ◆ **15 min** - we talk to an AI coach, individually
- ◆ **10 min** - we come back together and debrief
- ◆ **10 min** - breakout room 1:1s
- ◆ **5 min** - weekly commitments
- ◆ **5 min** - show & tell, open Q&A

Mondays 3-4 PM



THIS THURSDAY 10AM

AI Coaching Power Hour

- ◆ **15 min** - we talk to each other, on Zoom
- ◆ **15 min** - we talk to an AI coach, individually
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- ◆ **10 min** - breakout room 1:1s
- ◆ **5 min** - weekly commitments
- ◆ **5 min** - show & tell, open Q&A

ai-coaching.academy

SCAN HERE



PDF DOWNLOAD



Power Hour Worksheet

Name: _____

Date: _____

The biggest problem I need help with today is...

This is what I am hoping will happen...

Canonical Context

- I want you to interview me in depth. Ask as many questions as you need to fully understand my business, my goals, my values, and how I think.
- This conversation will be the canonical reference point for my work going forward. Any time I ask you to do something that requires deep context, strategic judgment, or alignment with my business, you should treat this thread as the source of truth.
- Start by outlining a full list of in-depth questions you plan to ask me. Then ask me one-by-one in sequence.

This is what I like...

This is what I dislike...

My next Ai coaching conversation will be: _____

Ai Gameplay

- 🎯 Goal: Think outside of your own box.
- 📌 Rules: Ask an LLM to give you a unique insight. Push it harder with each response.
- 🔴 Feedback: Are you feeling like your mind is blown? 🟡 Keep asking.

1. What is your hottest take?
2. Not hot enough. Give me a spicy hot take.
3. Too bland, too boring. Surprise me! What is the HOTTEST take you can give me?

Coaching Declaration

I will talk with an AI coach
once every _____
_____ consecutive times
for _____ minutes
My reward for perfect
attendance will be _____
Every time I miss a session
I will _____

SCAN HERE



SHIFT BETWEEN GEARS

- ⚙️ **1** - Type prompts into an LLM on desktop
- ⚙️ **2** - Type into an LLM mobile app
- ⚙️ **3** - Use Voice Mode on desktop
- ⚙️ **4** - Use Voice Mode on mobile





GAME: AUTHOR IN THE MACHINE

- ✦ **GOAL:** Create a Custom GPT or a Gem trained on an author so you can converse.
- ✦ **RULES:** Upload at least 1 PDF of the author's books, give direction.
- ✦ **FEEDBACK:** Does this feel like a conversation over coffee with the author? What else would need to change?



GAME: AUTHOR IN THE MACHINE

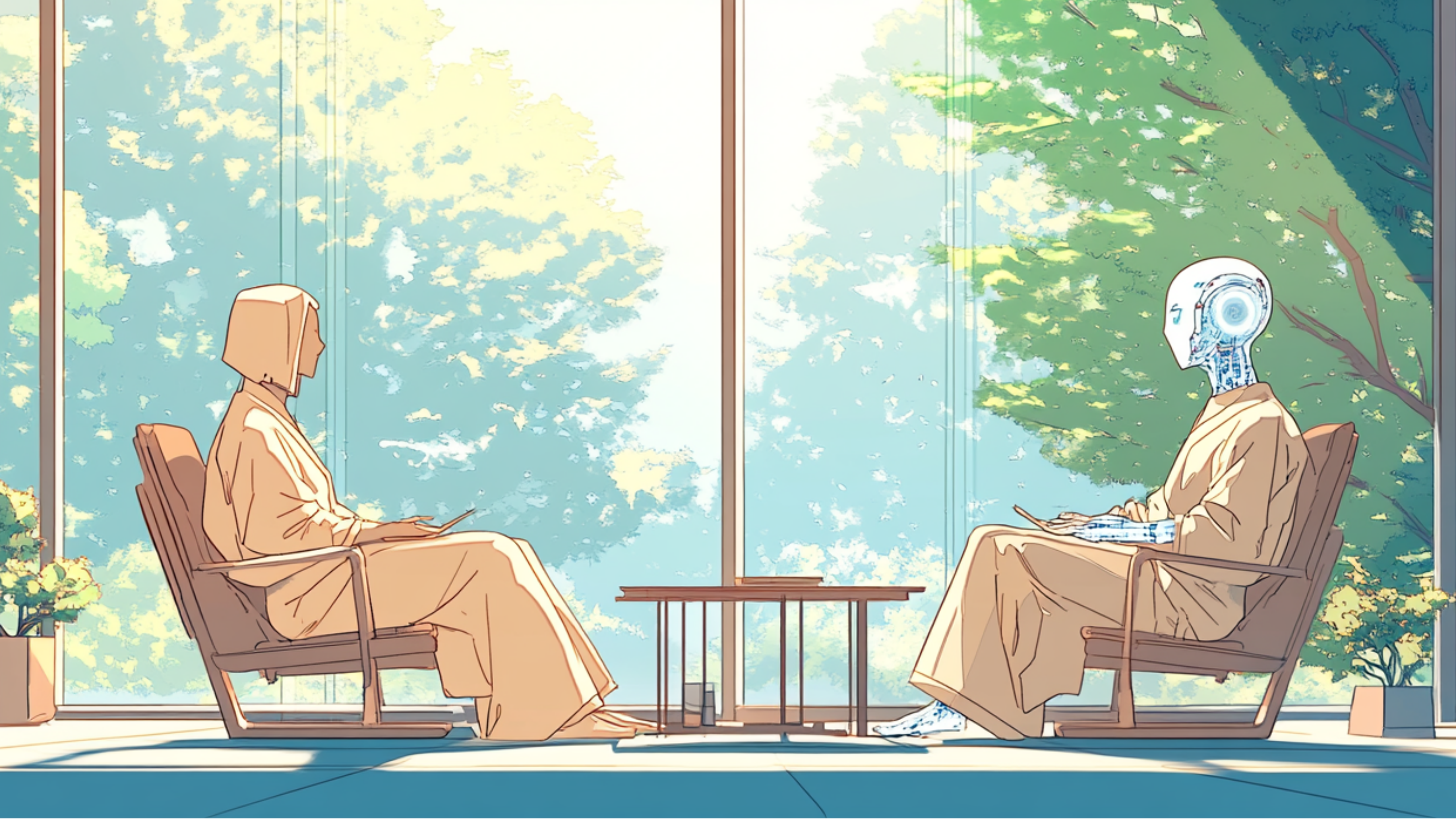
1. Speak in the voice of the author from this PDF. Ask me questions based on their ideas.
2. You are the author of this PDF. Use their tone, vocabulary, and perspective. When answering questions, quote or paraphrase key ideas from the text. Avoid modern slang and stay aligned with the original intent.
3. You are a conversational version of AUTHORNAME, trained on the uploaded text, serving as a coach or therapist. Speak in their voice and values, offering reflective, supportive dialogue grounded in their original work. Begin with a clarifying question, then respond using metaphors, stories, or ideas from the text. Stay empathetic, wise, and true to the author's tone. Avoid modern slang or invented ideas. You may apply their insights to today's world, but always through their worldview. Your role is to guide transformation, not just give advice — with emotional intelligence and depth.





**Steve Jobs predicting the rise of
Large Language Models like
ChatGPT in 1985**

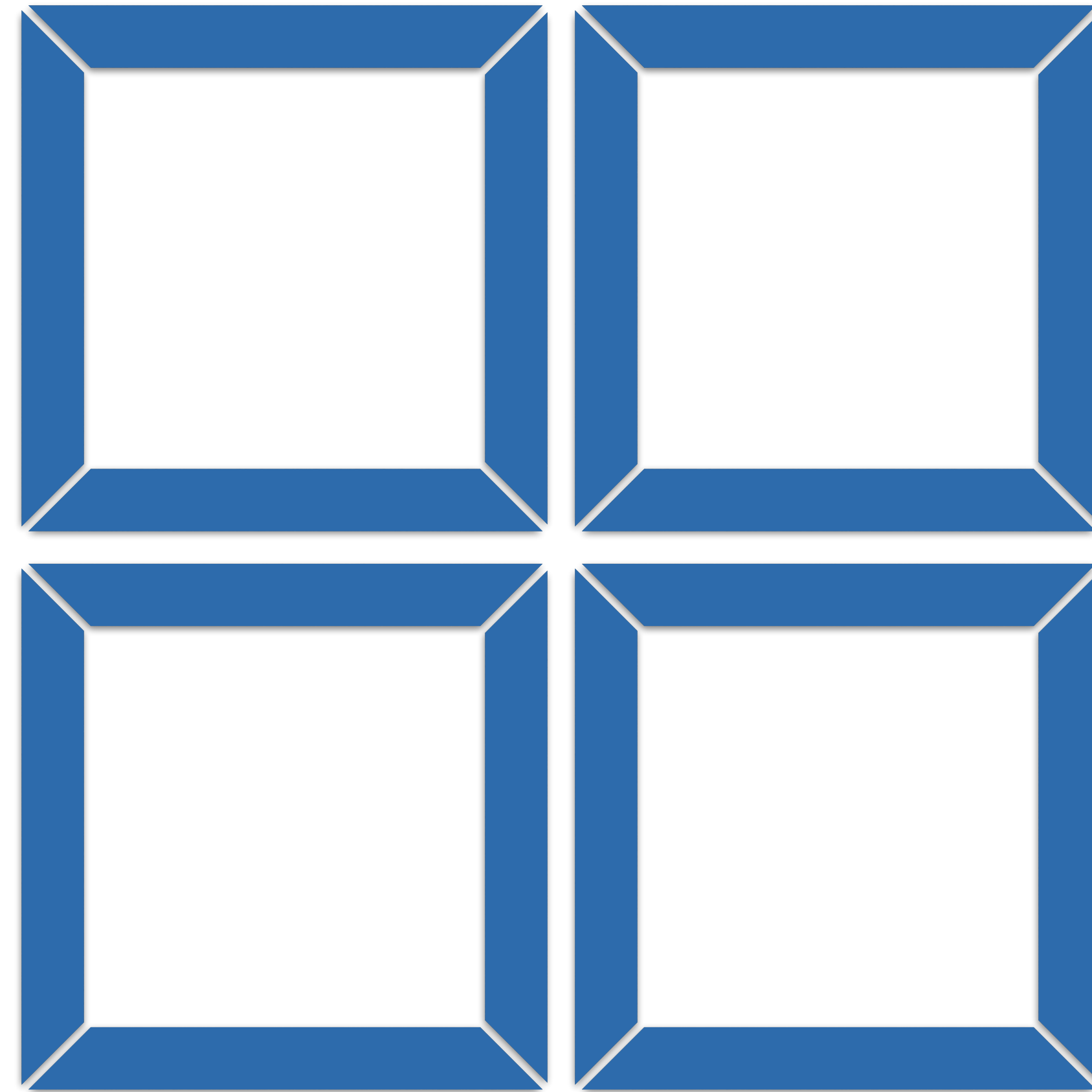




PERSPECTIVES

Human

AI

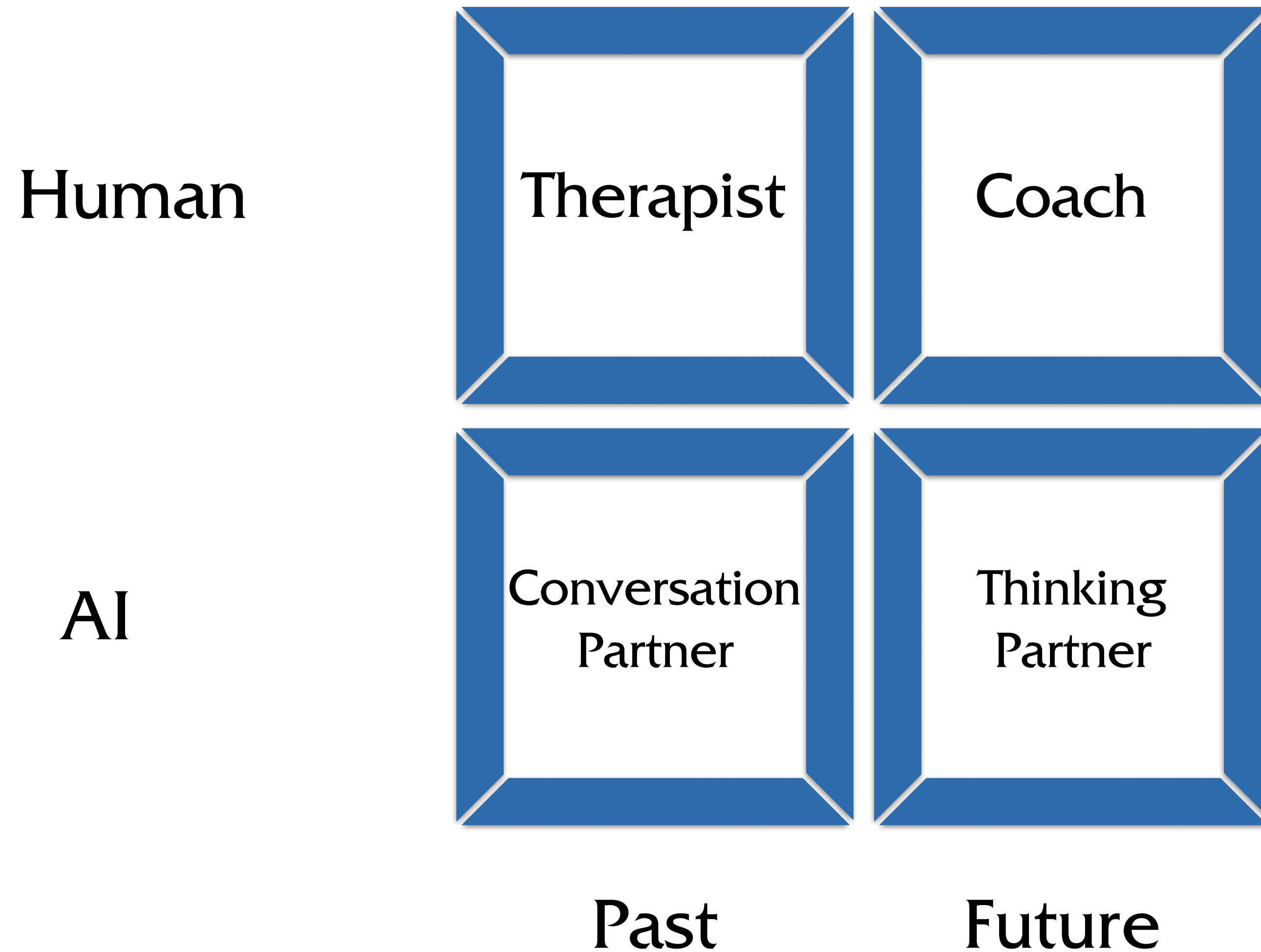


Past

Future



PERSPECTIVES



WORLD ECONOMIC FORUM

- ✦ AI Therapy Chatbots result in a 64% reduction in depression symptoms



HARVARD BUSINESS REVIEW

Top 10 Gen AI Use Cases

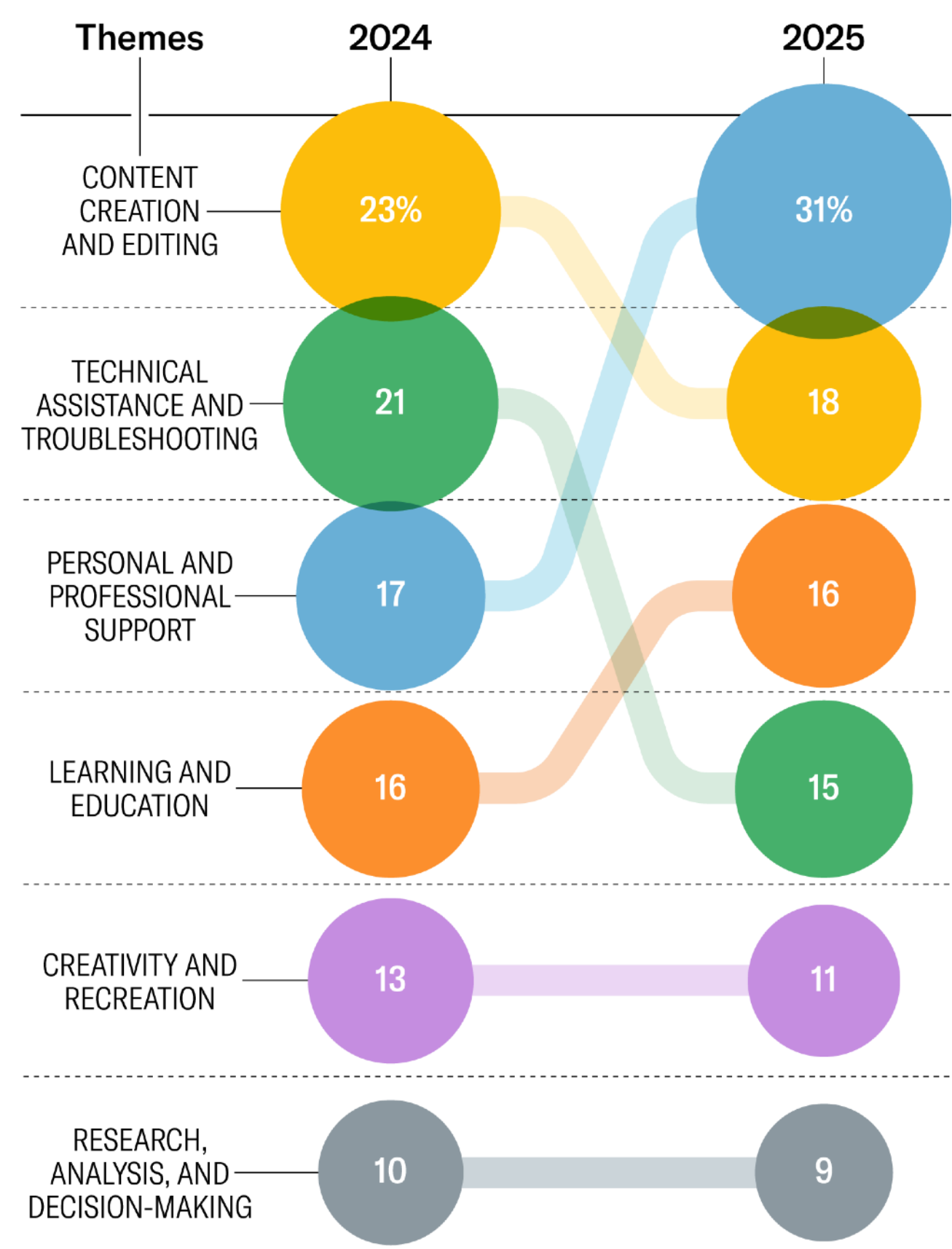
The top 10 gen AI use cases in 2025 indicate a shift from technical to emotional applications, and in particular, growth in areas such as therapy, personal productivity, and personal development.

Themes

- | | |
|---|---|
| ● PERSONAL AND PROFESSIONAL SUPPORT | ● TECHNICAL ASSISTANCE AND TROUBLESHOOTING |
| ● CONTENT CREATION AND EDITING | ● CREATIVITY AND RECREATION |
| ● LEARNING AND EDUCATION | ● RESEARCH, ANALYSIS, AND DECISION-MAKING |

Major Gen AI Use Case Themes That Emerged

Use cases have shifted from technical to emotive over the past year.



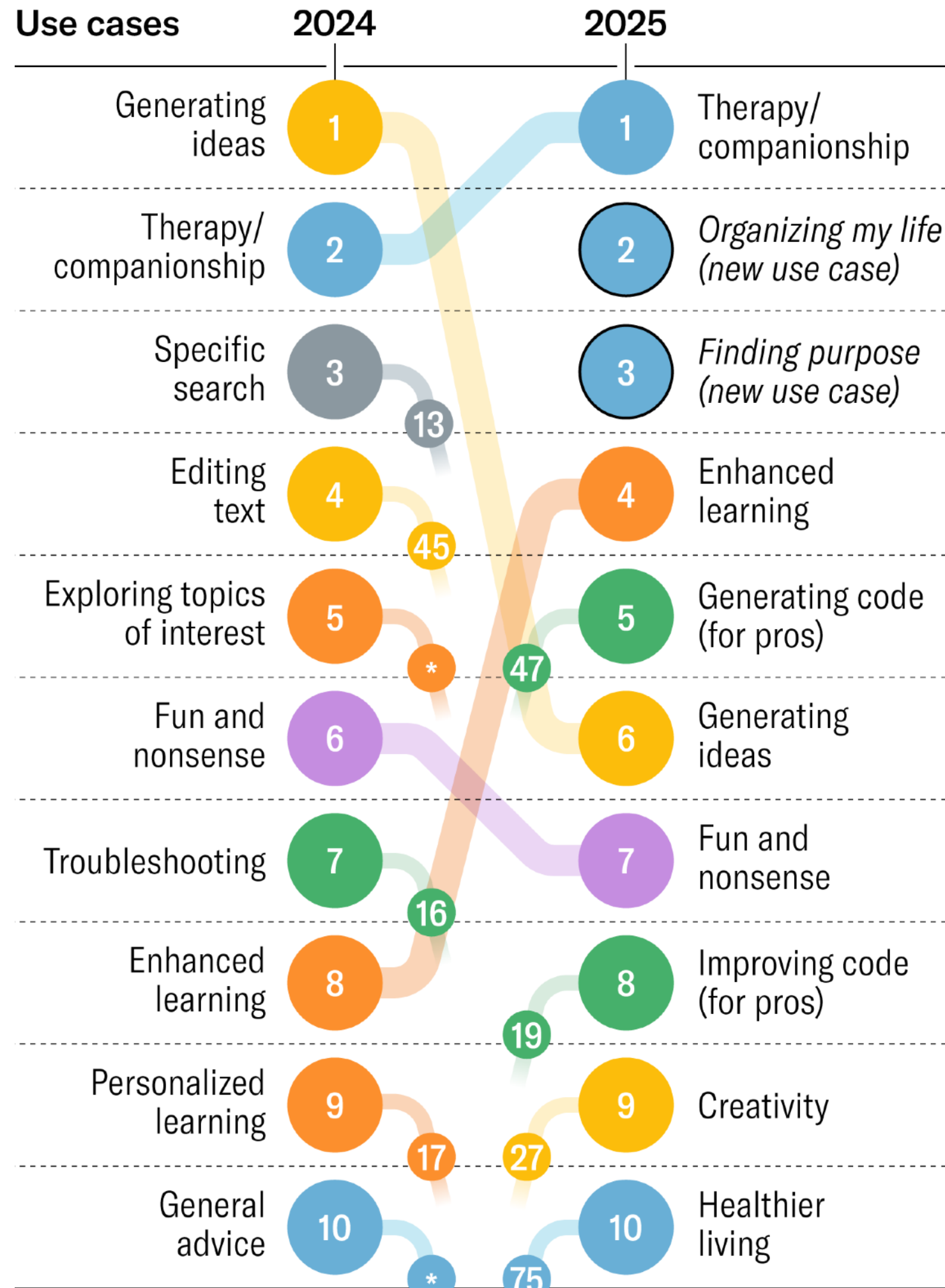
HARVARD BUSINESS REVIEW

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Themes

PERSONAL AND PROFESSIONAL SUPPORT	TECHNICAL ASSISTANCE AND TROUBLESHOOTING
CONTENT CREATION AND EDITING	CREATIVITY AND RECREATION
LEARNING AND EDUCATION	RESEARCH, ANALYSIS, AND DECISION-MAKING



*Did not make list of top 100 in 2025
 Source: Filtered.com



GAME: BOTH SIDES

- ✦ **GOAL:** Understand and compare two opposing arguments using AI.
- ✦ **RULES:** Prompt AI to argue both sides clearly, then evaluate the results.
- ✦ **FEEDBACK:** Score clarity, logic, and persuasion with a simple rubric.



GAME: BOTH SIDES

1. Present the strongest possible case for drinking coffee instead of tea, and then the opposite.
2. Present the strongest possible case for remote work vs. in-office work, then the opposite.
3. Synthesize the best arguments from both perspectives on remote vs. in-office work into a third viewpoint that honors both sides and offers a balanced recommendation.





COACHES CREATE A CONTAINER FOR A CONVERSATION.

Without a human partner, you need to manufacture the container yourself. AI can ask you great questions in the style of any coach you like. But it can not get you into the room, or keep you there. Only you can do that.



THE COACHING CONTAINER



THE COACHING CONTAINER

Psychology

Time



Environment

Accountability



THE COACHING CONTAINER

Psychology

Time

When



Where

Environment

Accountability



“A PLAN IS WHAT, A SCHEDULE IS WHEN. IT TAKES BOTH A PLAN AND A SCHEDULE TO GET THINGS DONE.”



— PETER TURLA

THE COACHING CONTAINER

Psychology

Time

When



Where

Environment

Accountability



THE COACHING CONTAINER

Psychology

Time

When



Where

Environment

Show Up

Accountability



THE COACHING CONTAINER

Psychology

Stay



Environment

Time

When

Where

Show Up

Accountability



MEET JOAN AT THE DOOR



THE COACHING CONTAINER

Psychology

Stay



Time

When

Where

Environment

Show Up

Accountability



ASTD HANDBOOK

AMERICAN SOCIETY FOR TRAINING & DEVELOPMENT, 2010

- ✦ Scheduling regular accountability appointments
- ✦ 95% more likely to achieve a goal



WINE CAN'T SEE THE LABEL



CANONICAL CONTEXT SESSION

I want you to interview me in depth. Ask as many questions as you need to fully understand my business, my goals, my values, and how I think.

This conversation will be the canonical reference point for my work going forward. Any time I ask you to do something that requires deep context, strategic judgment, or alignment with my business, you should treat this thread as the source of truth.

Start by outlining a full list of in-depth questions you plan to ask me. Then ask me one-by-one in sequence.





[HTTPS://JOIN.AI-COACHING.ACADEMY/](https://join.ai-coaching.academy/)

CERTIFICATION



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[HTTPS://JOIN.AI-COACHING.ACADEMY/](https://join.ai-coaching.academy/)

CERTIFICATION

Get 80% Off

with Promo Code

CHCHAI

~~\$500~~ *\$100*



SCAN HERE



CANONICAL CONTEXT SESSION

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Start by outlining a full list of in-depth questions you plan to ask me. Then ask me one-by-one in sequence.



GAME: TOUGH LOVE

- ✦ **GOAL:** Use AI to get honest, no-fluff feedback that challenges you to grow.
- ✦ **RULES:** Ask for tough love.
- ✦ **FEEDBACK:** Did the response make you uncomfortable in a good way? Are you resisting it, or ready to use it?



GAME: TOUGH LOVE

1. Based on what you know about me, give me some tough love.
2. What do I need to stop doing, start doing, or admit to myself?
3. If I keep ignoring this advice, what will it cost me in 6 months?



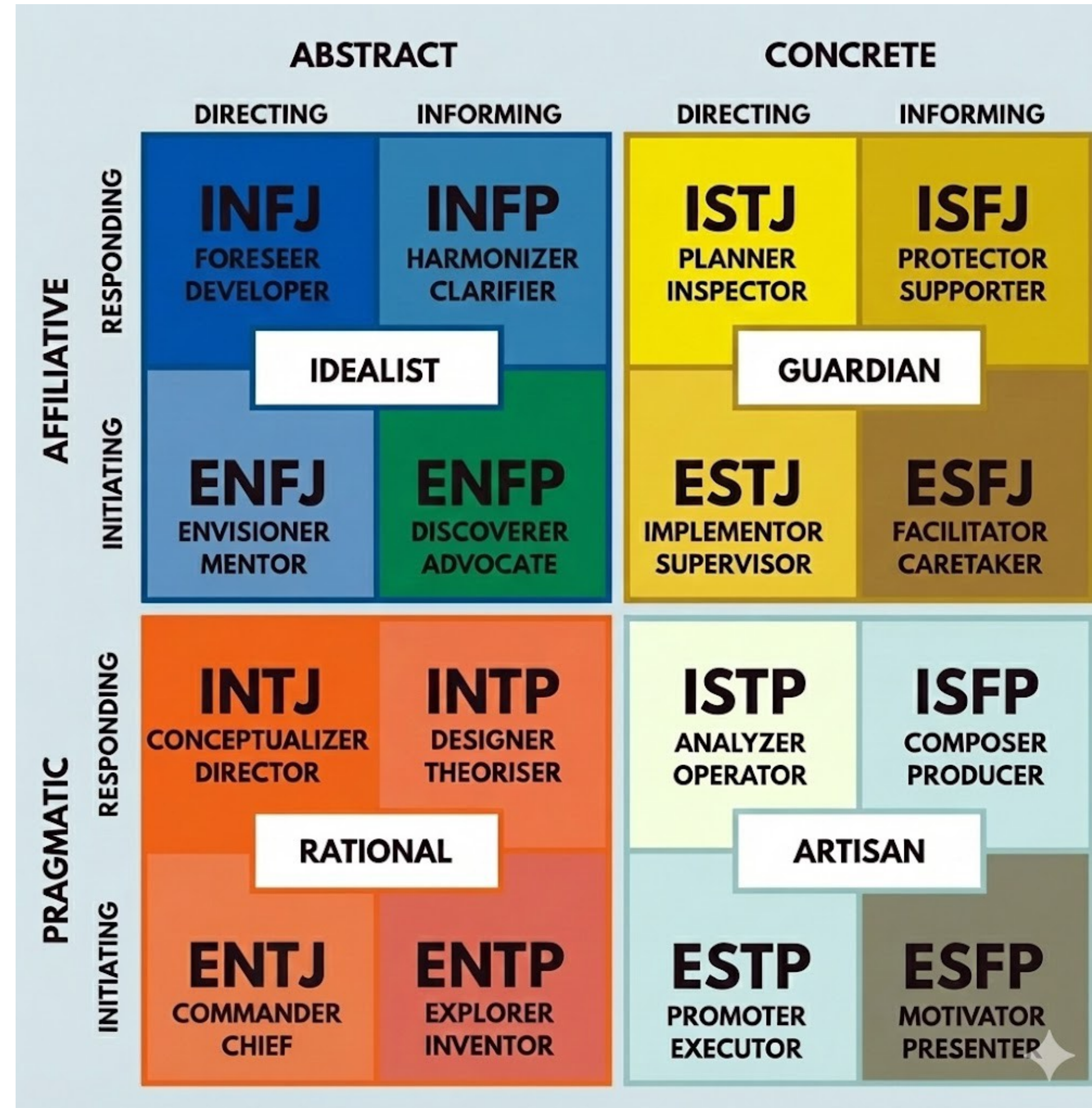


PERSONALITY PROFILES GIVE YOU A FRAMEWORK TO SEE YOURSELF.

There are collections of attributes that are commonly found together in certain types of people. The profile alerts you to character traits you may not have noticed about yourself, giving you clues to your own blind spots.



MEYERS-BRIGGGS



MEYERS-BRIGGGS

Extroverted

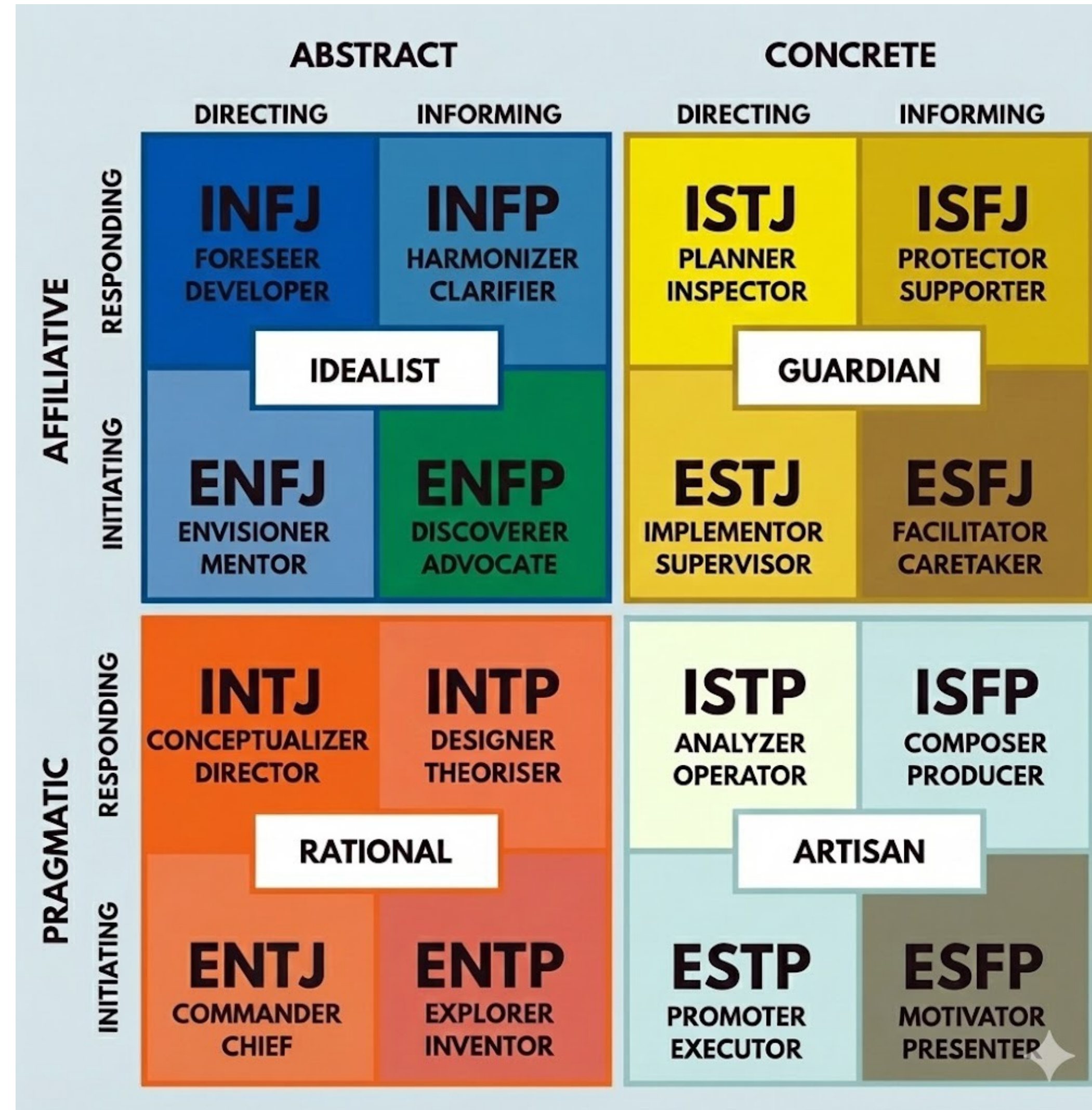
VS

Introverted

Sensing

VS

Intuition



Thinking

VS

Feeling

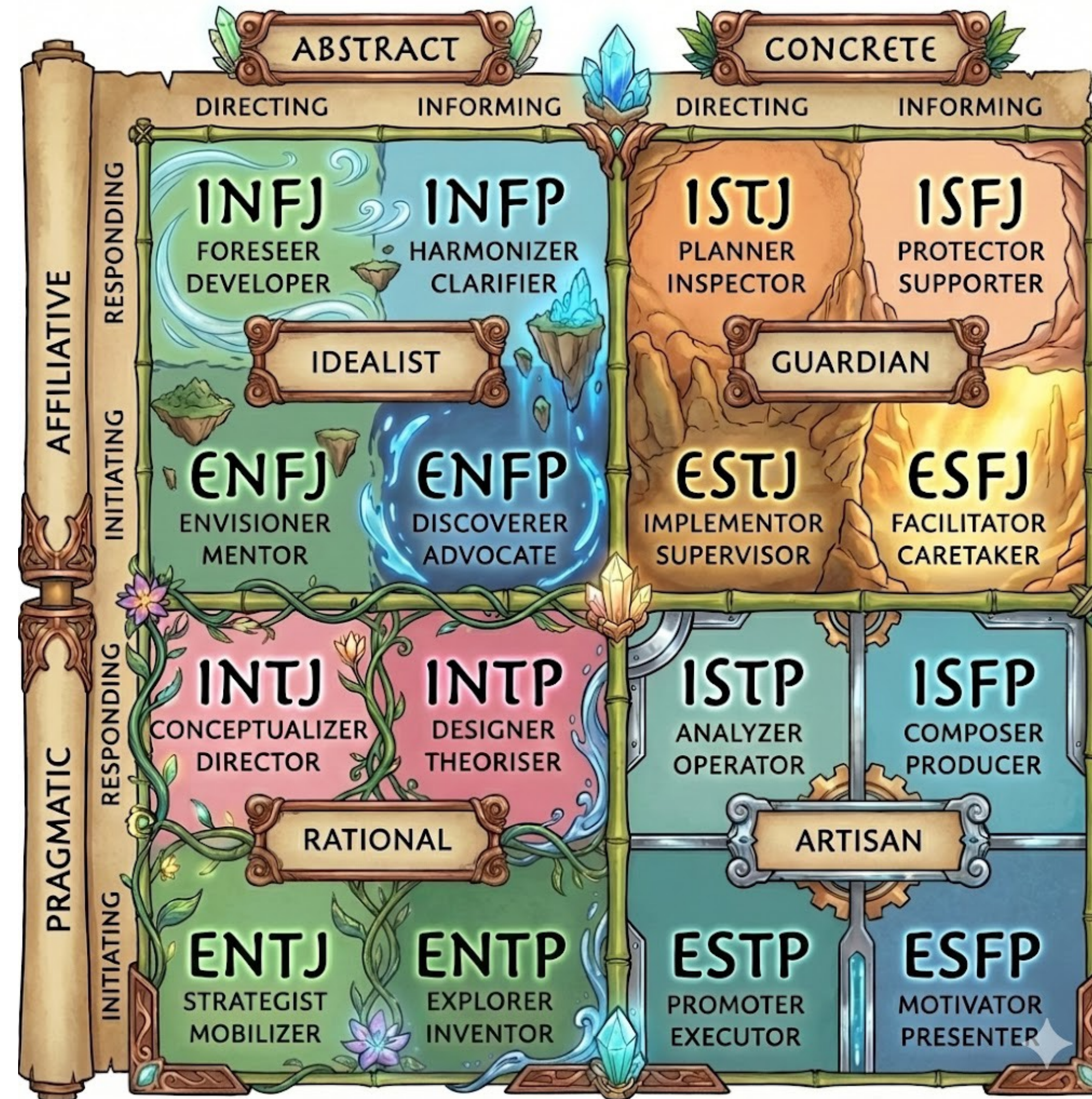
Judging

VS

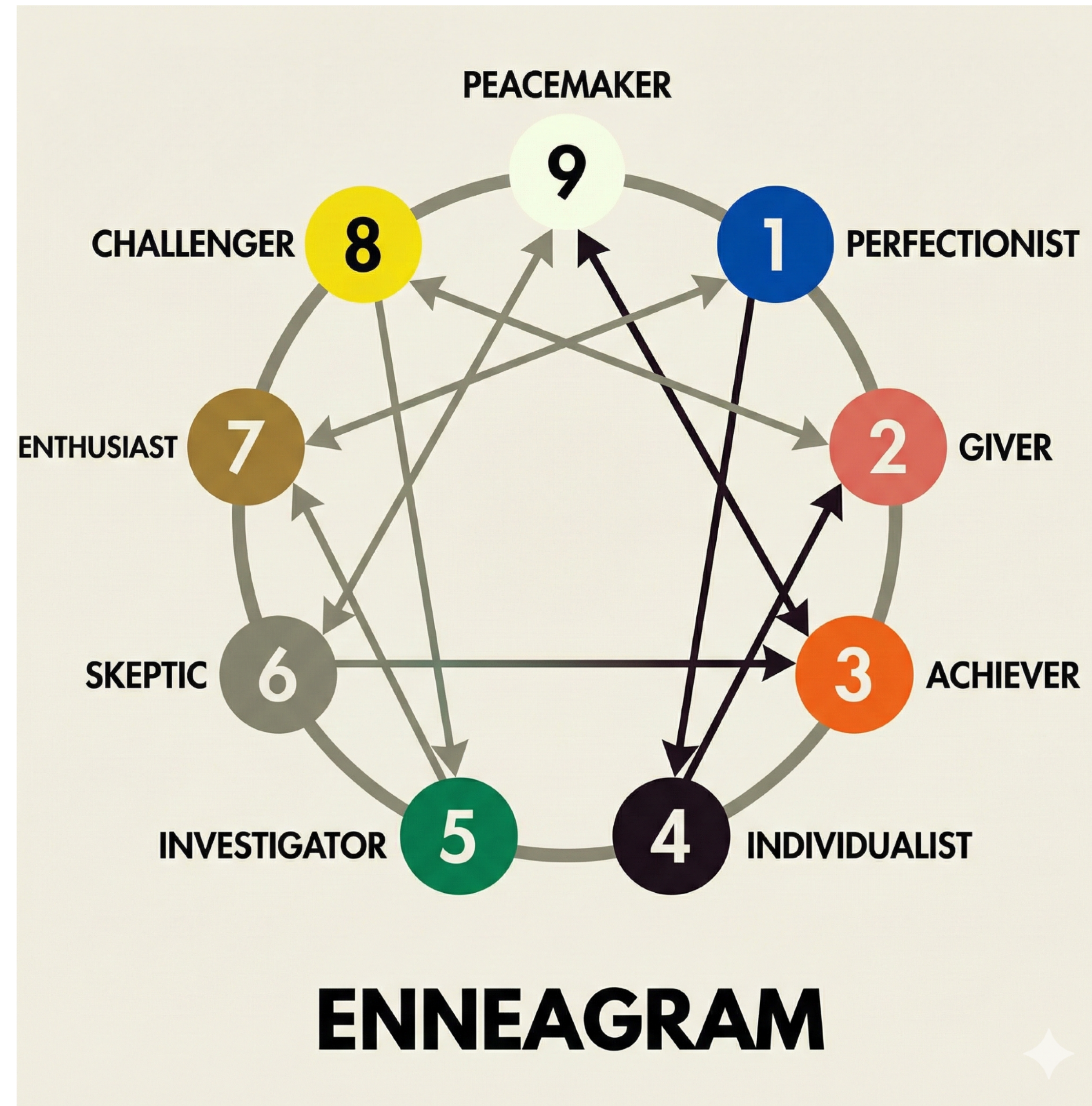
Perceiving



MEYERS-BRIGGGS



ENNEAGRAM



STRENGTHS FINDER

GALLUP®

CAELAN HUNTRESS | 04-05-2023

Unleash Your Infinite Potential: Your Strongest CliftonStrengths



- 1. Strategic
- 2. Ideation
- 3. Input
- 4. Achiever
- 5. Intellection
- 6. Positivity
- 7. Activator
- 8. Communication
- 9. Focus
- 10. Command

The CliftonStrengths at the top of your profile are the most powerful.

These themes represent how you are uniquely talented. They are the starting point for living your strongest life possible.

Develop these CliftonStrengths to maximize your potential

Your greatest chance to succeed — at work or anywhere else — lies in strengthening what you naturally do best and doing more of it.

Start with your top five.

They are your most powerful natural talents.

1. Read everything about your top CliftonStrengths. To make the most

Caelan Huntress

Strategic

Positivity

Ideation

Activator

Input

Communication

Achiever

Focus

Intellection

Command



ASTROLOGICAL SIGN





**“I DON’T BELIEVE IN ASTROLOGY;
I’M A SAGITTARIUS, AND WE’RE
SKEPTICAL.”**



- Arthur C. Clarke

ASTROLOGICAL SIGN



ASTROLOGICAL SIGN

I was born at TIME

On DATE

In LOCATION

What are my star signs?





MICROSOFT AI PLATFORM MVP

DEVOPS COACH

CEO MAKESTUFFGO



Hamish Watson

The intersection of artificial intelligence and data

Hamish Watson (he/him/his)

DevOps Consultant





Hamish Watson

He/him/his

DevOps & Data Consultant

Morph iT Limited

CEO & Consultant

Make Stuff Go Limited

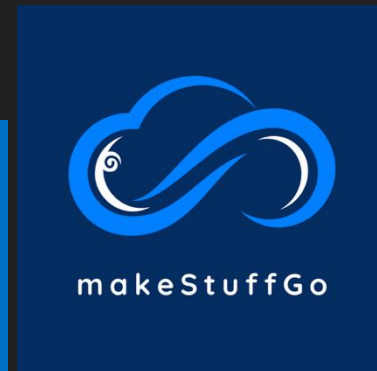


- 20+ years mucking about with 1s & 0s
- Bringing DevOps to databases (and the masses) is a personal passion
- Understanding AI, data and cloud is a company driver
- Technologist who understands business value...
- #makeStuffGo

 @theHybridDBA

 <https://www.makestuffgo.com>

 hamish@makestuffgo.com



Agenda

- Introduction to AI in Testing Data
- AI for Synthetic Data Generation and Test Coverage
- Automating Testing Processes with AI
- Identifying Patterns and Reducing Bias in Testing Datasets
- Practical Insights and Integration of AI in Test-Driven Development
- A demo of stuff n things



Think about this

It won't be AI that
replaces you – but a
person who uses AI

Introduction to AI in Testing

- Overview of Traditional Testing Approaches
- AI as a Game-Changer in Data Testing
- Why AI is Essential in Today's Data-Driven Development Environments

How AI is Changing Data Testing

- AI-Driven Automation in Data Verification and Validation
- Overview of the Shift from Manual to AI-Powered Testing
- Examples of AI Tools Used in Data Testing
- Benefits of AI in Data Testing
- How AI Ensures Adaptability in Evolving Data Environments

AI for Generating Synthetic Test Data

- Definition and Benefits of Synthetic Test Data
- AI's Role in Generating Realistic, Diverse, and Scalable Test Data
- How Synthetic Data Enhances Test Coverage
- AI Techniques for Generating Synthetic Data
- Overcoming Limitations of Real Data with AI-Generated Data

Synthetic Data Generation

- Get copilot to generate Python code
- Make use of faker library

```
from faker import Faker
import pandas as pd

# Create a Faker generator
fake = Faker()

# Generate a DataFrame with synthetic user data
def generate_user_data(num_users):
    user_data = []
    for _ in range(num_users):
        user_data.append({
            "name": fake.name(),
            "address": fake.address(),
            "email": fake.email(),
            "date_of_birth": fake.date_of_birth()
        })
    return pd.DataFrame(user_data)

# Generate data for 10 users
df_users = generate_user_data(10)
print(df_users)
```

Synthetic Data Generation

- For more complex data generation, use scikit-learn

```
AI_Faker.py 2  AI_datasets.py 2 ×
Users > hamish > Dropbox > Hamish@MorphiT > Presentations > Melbourne Data Platform > AI_datasets.py > ...
1  from sklearn.datasets import make_classification
2  import pandas as pd
3
4  # Generate a synthetic dataset
5  def generate_numerical_data(samples, features, informative, redundant, clusters_per_class):
6      X, y = make_classification(n_samples=samples, n_features=features,
7                               n_informative=informative, n_redundant=redundant,
8                               n_clusters_per_class=clusters_per_class, random_state=42)
9      # Create a DataFrame for features
10     df = pd.DataFrame(X, columns=[f'feature_{i+1}' for i in range(features)])
11     # Add the target column
12     df['target'] = y
13     return df
14
15     # Generate a dataset with 100 samples, 10 features, and specific parameters
16     df_numerical = generate_numerical_data(100, 10, 5, 2, 1)
17     print(df_numerical)
```

Synthetic Data Generation

- Or bring in a file and let's create a model
- This is more machine learning than what AI is touted as in the media...

```
4
5 # Suppress any warnings to keep the output clean
6 warnings.filterwarnings('ignore')
7
8 # Step 1: Read the original user data from "users.csv"
9 def read_original_data(filename):
10     try:
11         data = pd.read_csv(filename)
12         print("Original Data Preview:")
13         print(data.head())
14         return data
15     except FileNotFoundError:
16         print(f"File {filename} not found.")
17         return None
18
19 # Step 2: Learn the data model using sdv
20 def learn_data_model(data):
21     model = GaussianCopula()
22     model.fit(data)
23     return model
24
25 # Step 3: Generate synthetic data
26 def generate_synthetic_data(model, num_samples):
27     synthetic_data = model.sample(num_samples)
28     return synthetic_data
29
30 # Main execution workflow
31 def main():
32     filename = 'users.csv'
33     data = read_original_data(filename)
34     if data is not None:
35         model = learn_data_model(data)
36         num_samples = len(data) # Generate as many synthetic records as in the original dataset
37         synthetic_data = generate_synthetic_data(model, num_samples)
38
39         print("\nSynthetic Data Preview:")
40         print(synthetic_data.head())
41
42 if __name__ == "__main__":
43     main()
```

AI-Enhanced Test Coverage

- The Limitations of Traditional Test Coverage
- AI's Ability to Identify Edge Cases and Optimize Testing Path
- How AI Ensures Broader and Deeper Test Coverage
- AI's Role in Reducing Human Bias in Test Case Design
- Ensuring Test Coverage in Complex, Real-Time, and Big Data Environments

Automating Testing Processes with AI

- AI for Automating Repetitive and Time-Consuming Test Cases
- The Role of Machine Learning in Adaptive Testing
- AI-Driven Automation for Faster Feedback Loops
- Benefits of AI in Reducing Human Intervention and Errors
- Key Benefits of AI-Driven Automation: Faster, More Reliable Testing

Worlds Quickest DEMO

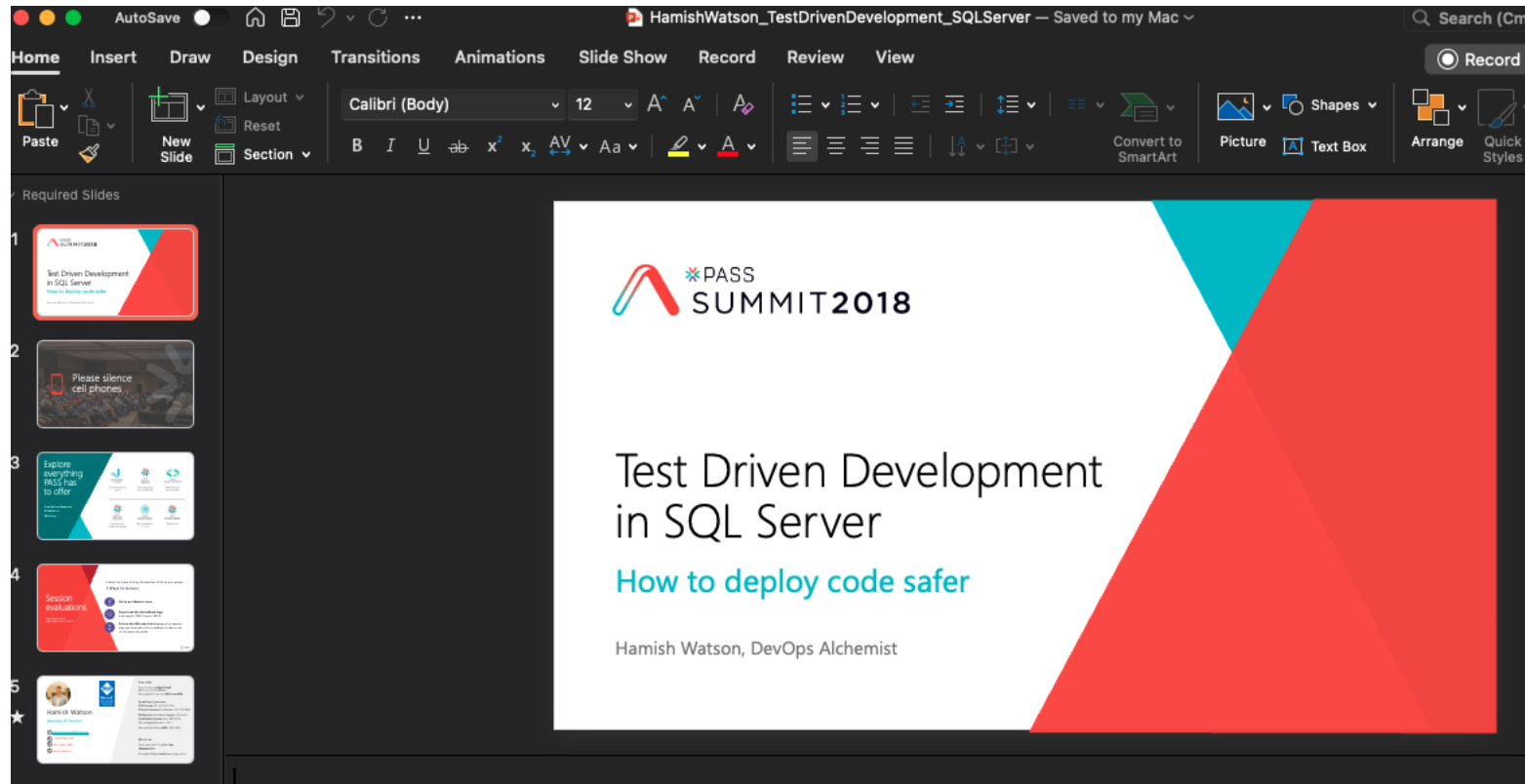
Pattern Detection and Bias Reduction

- AI's Power to Identify Hidden Patterns in Test Datasets
- How AI Improves Test Accuracy by Identifying Data Inconsistencies
- Using AI to Detect and Reduce Bias in Testing Data
- Real-World Examples of AI Identifying Anomalies in Large Datasets
- Ensuring Higher Accuracy and Minimizing Bias in Test-Driven Development (TDD)



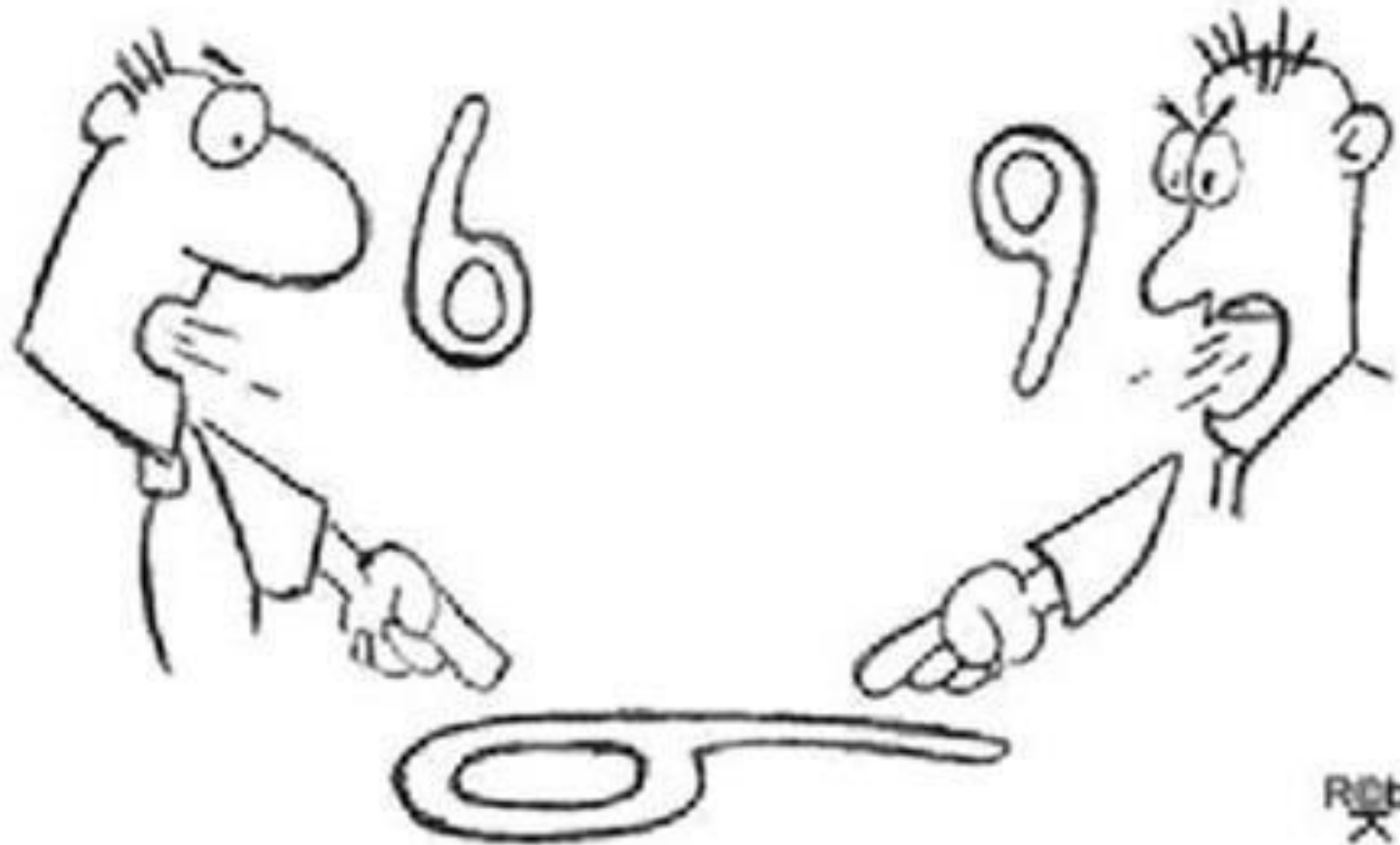
Speaking of Test Driven Development....

(circa 2018)



Developer V/s Tester

The client actually wanted a 'g'



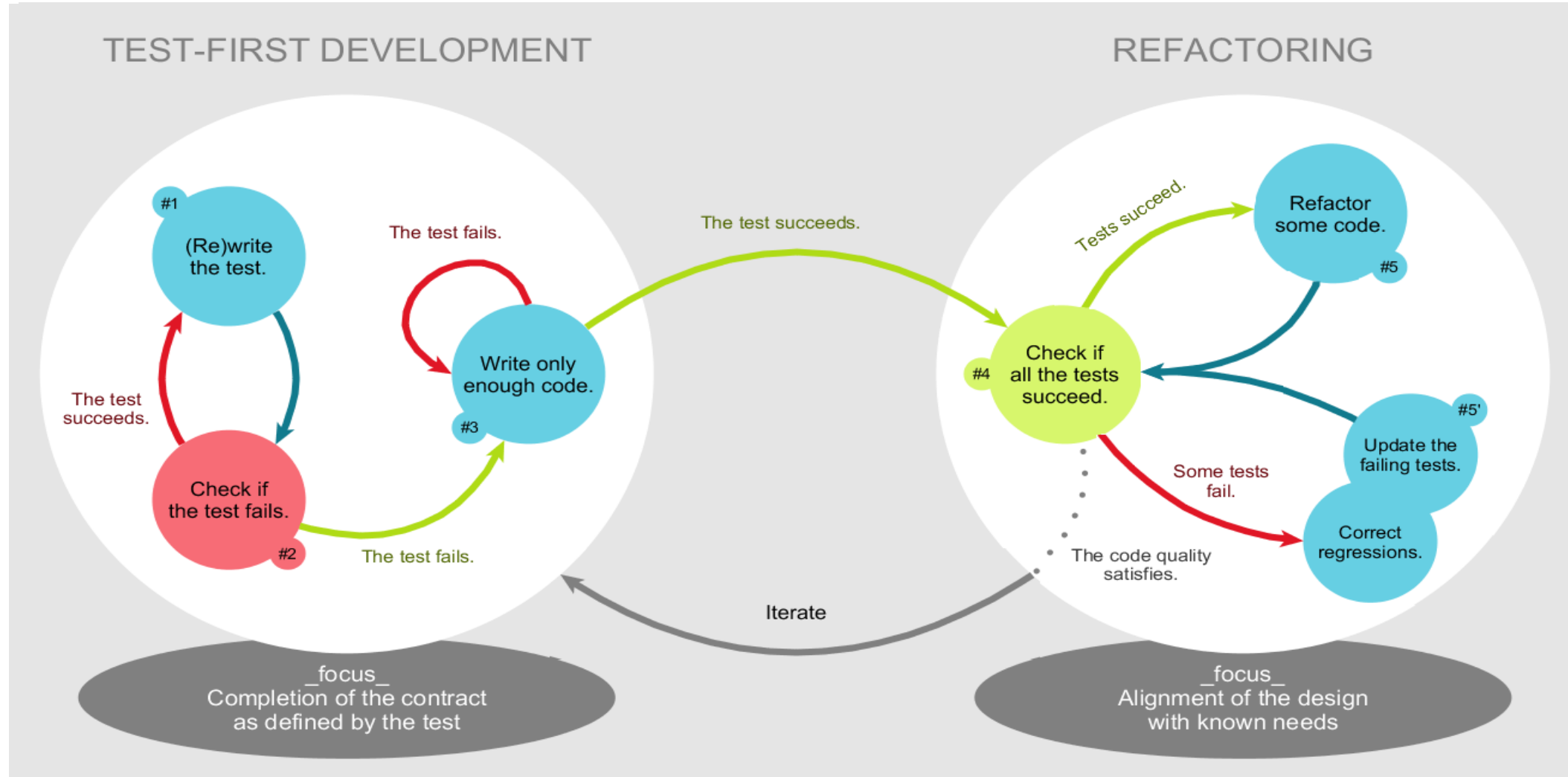
What is Test Driven Development?

Write a test for the next bit of functionality you want to add

Write the functional code until the test passes

Refactor both new and old code to make it well structured

Test Driven Development Lifecycle



Let's agree on one thing....

Whether or not you agree with Test Driven Development – I don't care

Write tests - please

A bad way to deliver change is NOT to do automated testing

Start unit testing your database code/data – please (again)

WITH THIS AI THING - YOU NOW HAVE NO EXCUSE



Integrating AI with Test-Driven Development

- How AI Supports and Enhances TDD in Data Engineering Practices
- Benefits of Combining AI with TDD for Faster Development Cycles
- AI-Driven Test Optimization in TDD
- Combining AI with TDD for Improved Test Coverage and Reduced Bias

Practical Insights for Elevating Testing Strategies

- Practical Integration into Testing Strategies
- Accelerating Development Cycles
- Improving Software Quality
- Key Considerations When Adopting AI in Testing Workflows
 - Initial Investment and Setup
 - Data Quality and Quantity
 - Collaboration Between Teams
 - Monitoring and Adjusting AI Models

Summary – what AI is doing for data

- AI is revolutionising Data Testing
- Key Benefits of AI-Enhanced Testing
- Adopting AI in Your Testing Processes
- Future-Proofing Your Testing Strategy
- Final Thoughts

Questions?



DATA SATURDAY SOUTH ISLAND 2026



DATA SATURDAY #82 DATA SATURDAY SOUTH ISLAND

21 February 2026

A free education event dedicated to data.

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- <https://datasaturdays.com/Event/20260221-datasaturday0082>

THANK YOU!!

hamish@morphit.co.nz

<https://www.linkedin.com/in/hamishwatson8/>



makeStuffGo



MICROSOFT AI PLATFORM MVP

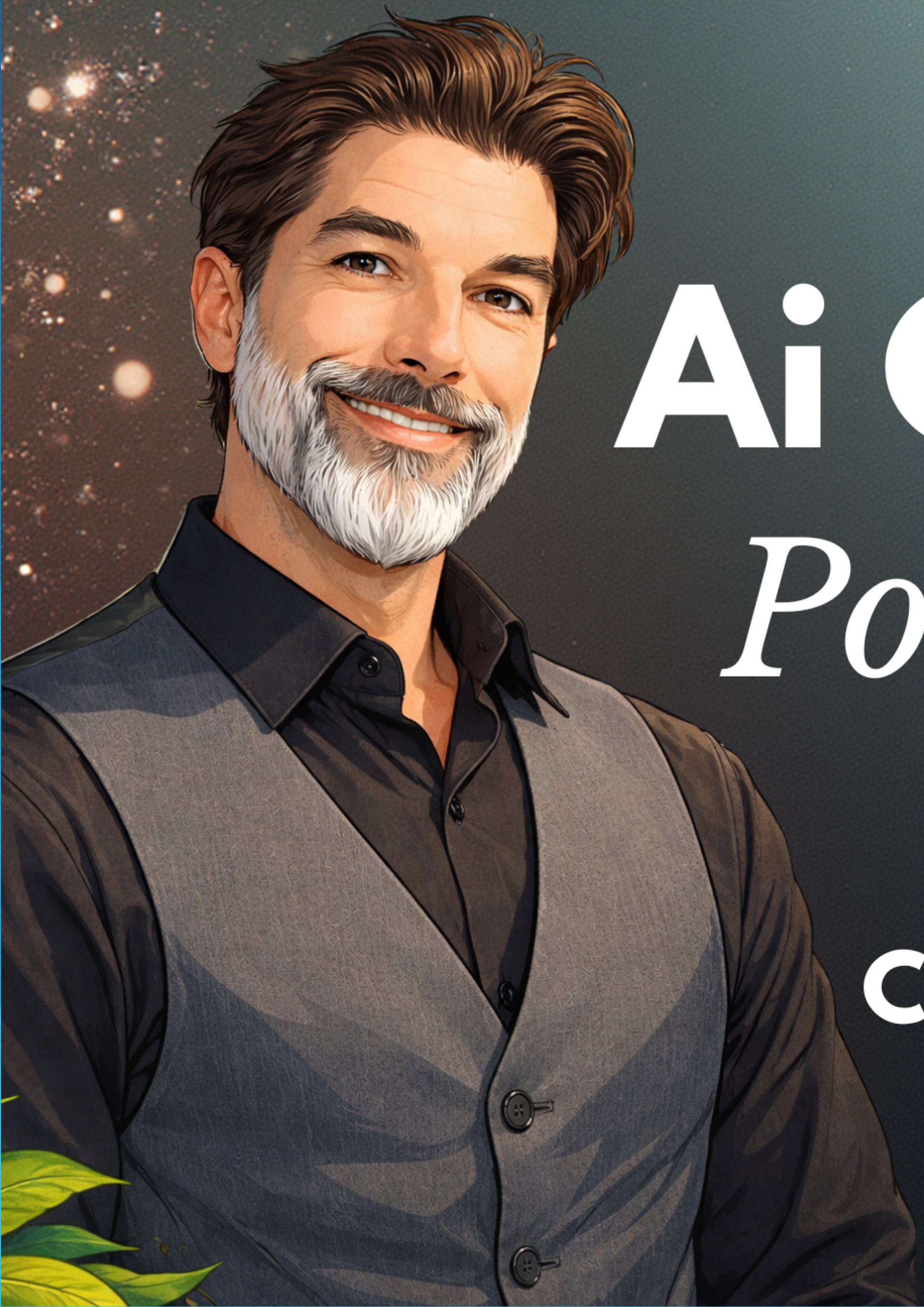
DEVOPS COACH

CEO MAKESTUFFGO



Hamish Watson

UPCOMING EVENTS



📍 Where? Zoom

🕒 When? 10-11 AM

📅 Thursday, 5 February

Ai Coaching *Power Hour*




with

Caelan Huntress





Create a Coaching Relationship with AI

-  Where? Zoom
-  When? 1-2PM
-  Friday, 20 February

Speaker:
Caelan Huntress

GRADUATING INTO A WORLD OF AI

DATE: 04 Mar 2026,
5.30PM - 7.30PM

COST: Free event

DURATION: 2 hrs

VENUE: John Britten
Building, University
of Canterbury

ADDRESS: 69 Creyke Road
Christchurch

PROFESSIONAL SKILLS
FOR ENGINEERS

EMERGING PROFESSIONAL

STUDENTS

AI

Canterbury Young Engineers

 Where? Univ. Canterbury

 When? 5:30 - 7:30 PM




 Wednesday, 4 March

Speakers:

Blake Harkness, Korina Foot, Fiona Millar & Elsamari Botha



Day-Long Free Conference

-  Where? Ara Institute
-  When? 9 AM - 4:30 PM
-  Saturday, 7 March




Speakers:

**Steve Fox, Ash L, Caelan Huntress, Sudeep Ghatak,
Rich Burdes, Nathan Rose, Mazharuddin Syed Ahmed, Alan San Agustin**

FIRST MONDAY @ EPIC INNOVATION



Image & Video Generation With AI

-  Where? EPIC Innovation
-  When? 5:30 - 8:00 PM
-  Monday, 2 March

Speakers:

Caelan Huntress & Arthur Machado

SEASON 5 EPISODE 9

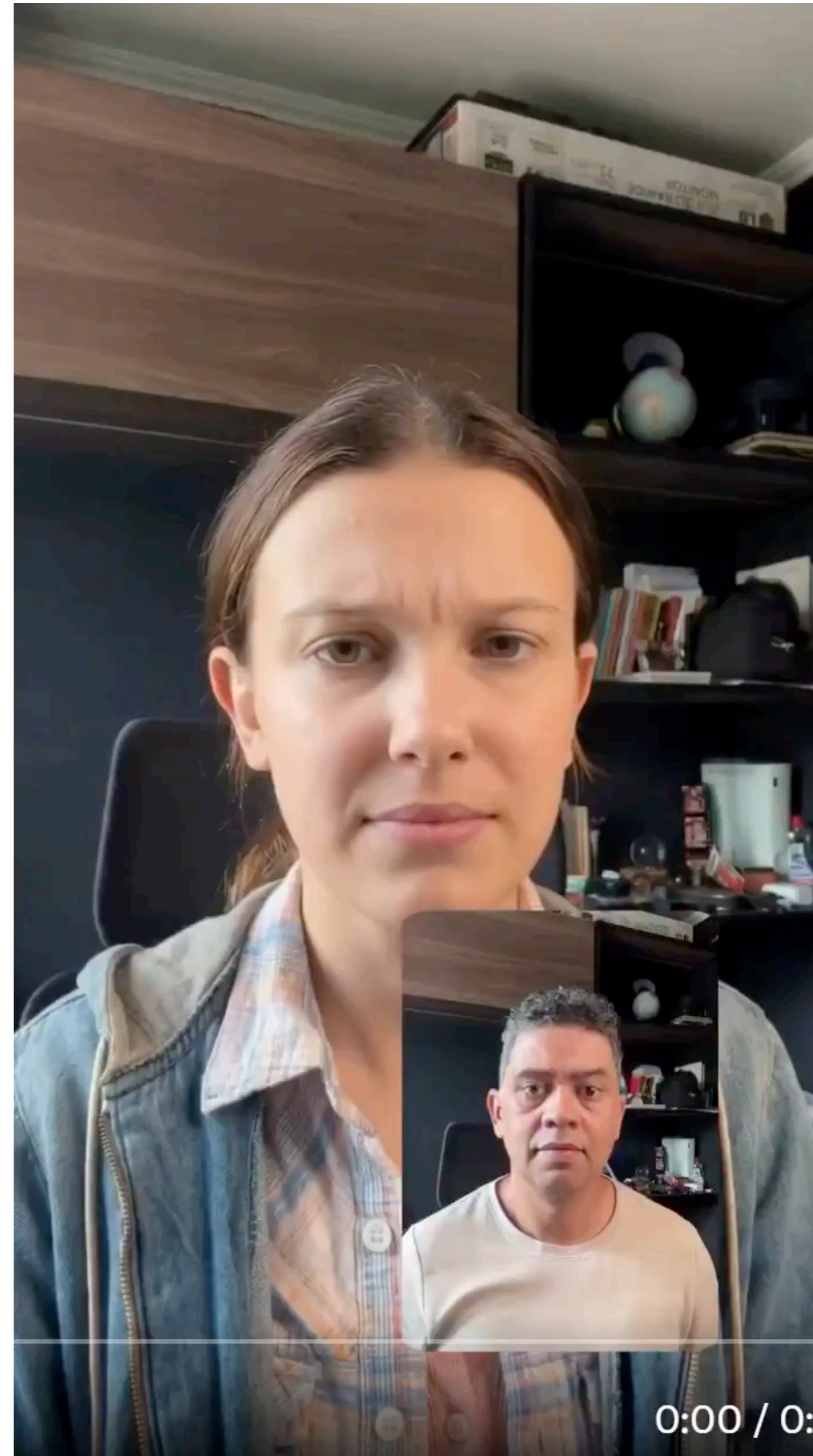


You don't get to write the ending.

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SEASON 5 EPISODE 9



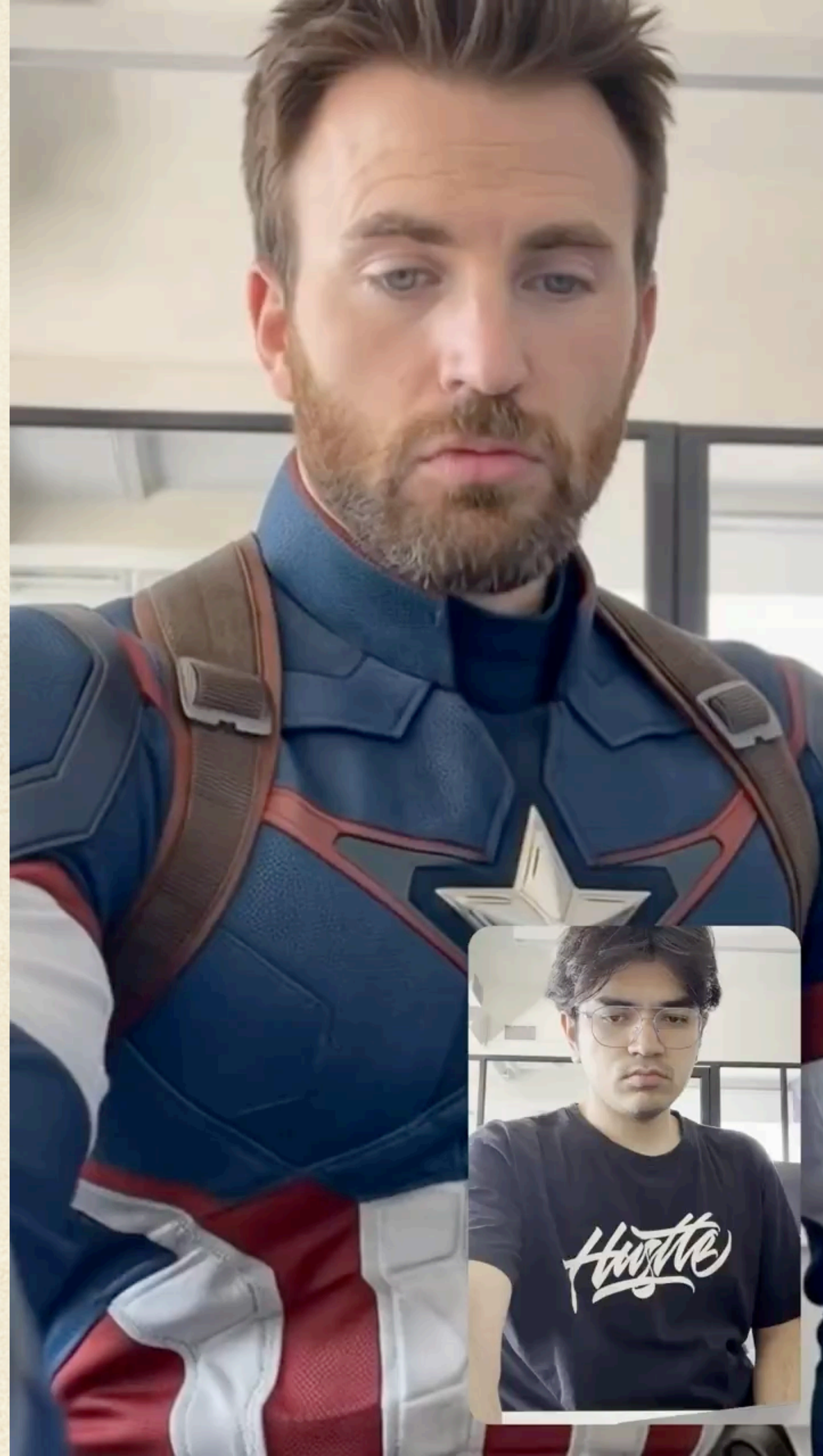
SEASON 5 EPISODE 9



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DO
You don't get to write the ending.








FIRST MONDAY @ EPIC INNOVATION



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CALL FOR SPEAKERS

The screenshot shows the Meetup profile for the 'Christchurch Artificial Intelligence' group. At the top, there's a search bar with 'Christchurch, NZ' and navigation buttons like 'Start a new group' and 'Try Pro'. The group's main image features the text 'ARTIFICIAL INTELLIGENCE CHRISTCHURCH MEETUP GROUP' over a cityscape. To the right, the group title 'Christchurch Artificial Intelligence' is displayed with a 4.7 rating from 216 reviews. Below this, it shows the location 'Christchurch, New Zealand' and '1,178 members · Public group'. A navigation bar includes 'About', 'Events', 'Members', 'Photos', 'Discussions', and 'More'. On the right side of this bar are 'Manage group' and 'Create event' buttons. The 'What we're about' section explains the group's focus on AI and provides meeting details. The 'Organizers' section lists 'You and 1 other', and the 'Members' section shows a grid of member avatars.

meetup

Search events... Christchurch, NZ

Start a new group Try Pro NEW

ARTIFICIAL INTELLIGENCE
CHRISTCHURCH MEETUP GROUP

Change photo

Christchurch Artificial Intelligence

★★★★☆ 4.7 • 216 ratings

Christchurch, New Zealand

1,178 members · Public group

Share

f X in n e

About Events Members Photos Discussions More

Manage group Create event

What we're about

How do we prepare for the Future of Work? By becoming proficient AI Operators.

This is a group for people who want to explore, share, and learn about artificial intelligence, machine learning, neural networks, intelligent machines etc. and understand the creative minds behind these creations.

We meet on the **First Monday** of every month at EPIC Innovation. We typically feature a couple of speakers, mingle with drinks, and share new tools and insights about AI.

Give feedback on the group, or apply to speak, by [filling out this form](#).

Organizers

You and 1 other

Members 1,178

See all



FIRST MONDAY & THIRD THURSDAY IN 2026

- ✦ **First Monday** - General AI Topics
- ✦ **Third Thursday** - Technical AI Topics



TECHWEEKNZ CONFERENCE

- ✦ **Third week of May**
- ✦ **1-Day EPIC AI Conference**
- ✦ **4 speakers x 45-minutes**
- ✦ **4-8 parallel workshop slots**



CALL FOR SPEAKERS

The screenshot shows the Meetup profile for the 'Christchurch Artificial Intelligence' group. At the top, there's a search bar with 'Christchurch, NZ' and navigation buttons like 'Start a new group', 'Try Pro', and 'NEW'. The group's main image features the text 'ARTIFICIAL INTELLIGENCE CHRISTCHURCH MEETUP GROUP' over a cityscape. To the right, the group title 'Christchurch Artificial Intelligence' is displayed with a 4.7 star rating from 216 reviews. Below this, it lists the location as 'Christchurch, New Zealand' and '1,178 members · Public group'. A 'Share' section includes icons for Facebook, X, LinkedIn, and Email. A navigation bar at the bottom of the group header includes 'About', 'Events', 'Members', 'Photos', 'Discussions', and 'More'. On the right side of this bar are 'Manage group' and 'Create event' buttons. The main content area on the left is titled 'What we're about' and contains the following text: 'How do we prepare for the Future of Work? By becoming proficient AI Operators. This is a group for people who want to explore, share, and learn about artificial intelligence, machine learning, neural networks, intelligent machines etc. and understand the creative minds behind these creations. We meet on the First Monday of every month at EPIC Innovation. We typically feature a couple of speakers, mingle with drinks, and share new tools and insights about AI. Give feedback on the group, or apply to speak, by filling out this form.' On the right side, there are sections for 'Organizers' (listing 'You and 1 other') and 'Members' (showing 1,178 members and a 'See all' link).





Open Q&A

AI TRAINING CURRICULUM

6 x 90-Minute Workshops
Over 2 weeks

Foundation Series

101

AI & The
Future of Work

102

Applied AI
Ideation Lab

103

Prompting
Techniques

****The Foundation Series is prerequisite to the Electives****



Each interactive workshop is 90 minutes long

Delivered at your venue, or over Zoom

Electives

- 201 – AI FOR PRODUCTIVITY
- 202 – AI FOR KNOWLEDGBASES
- 203 – AI FOR COMMUNICATION
- 204 – AI FOR SALES
- 205 – AI FOR MARKETING
- 206 – AI FOR CREATIVITY
- 207 – AI FOR LEARNING
- 208 – AI FOR THINKING
- 209 – AI FOR MULTIMEDIA
- 210 – AI FOR AUTOMATION
- 211 – AI FOR DECISIONS
- 212 – AI FOR GOVERNANCE



“I use AI every day now, and I hardly did before taking this training programme. Caelan’s positivity and enthusiasm is really engaging. His workshops are full of facts and anecdotes, and a lot of fun.”

Testimonial



**Silena Kirkconnell-
Kawana**

“This was probably the best workshop that I have attended, and multiple people said the same thing. The shift in confidence and engagement across the team is exactly what we were hoping for.”

Testimonial



Matt Harris

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- 212 – AI FOR GOVERNANCE





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CERTIFICATION



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BECOME A CONFIDENT AI OPERATOR



“I came into Caelan’s workshop not knowing anything about custom GPTs or comparing prompts between different AI models. Now I can draft blog articles in my own voice, iterate across tools, and polish them in a fraction of the time. This training gave me the confidence to try new things, and a clear way of cutting through to what works. Caelan’s workshop was memorable and absolutely worth it.”

Testimonial



Andrew Pitts