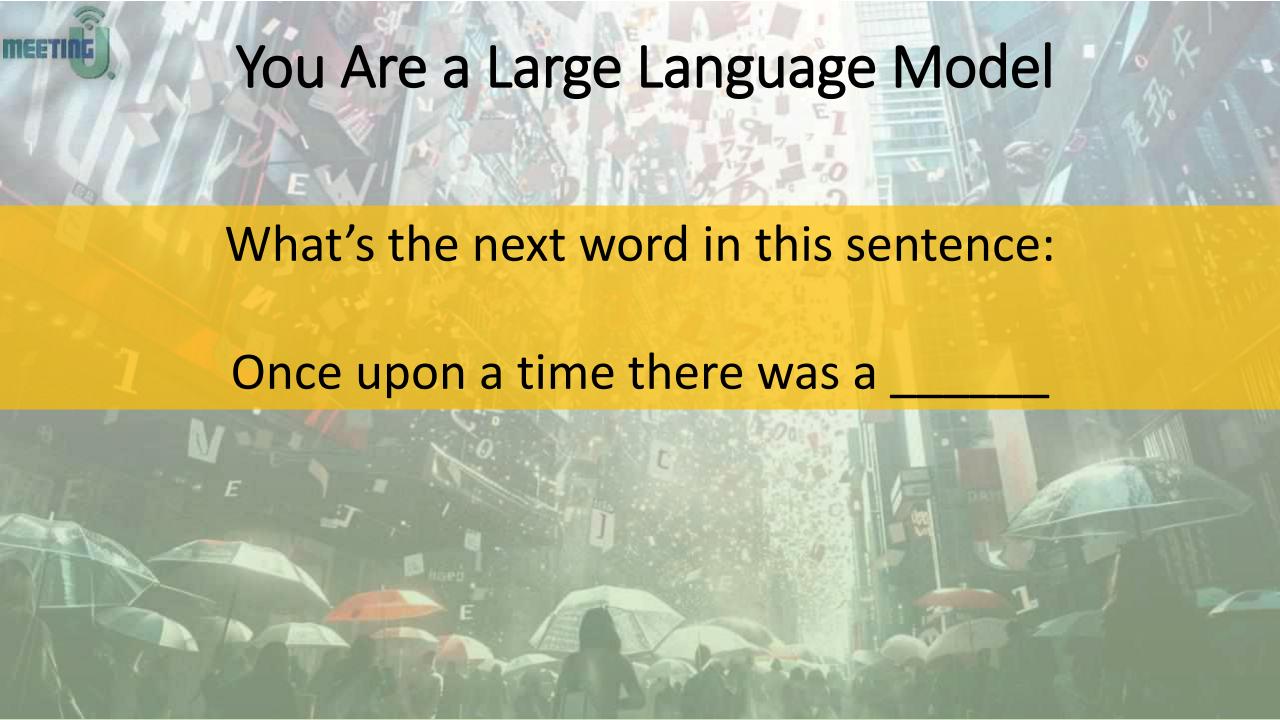




What's a Large Language Model...

- A computer program trained to understand & generate human language
- How Does it Work? Predicting the next word. That's it.
- Does Al Lie No, it doesn't know what's true...
- ...but it hallucinates very confidently!





A Few Session Notes

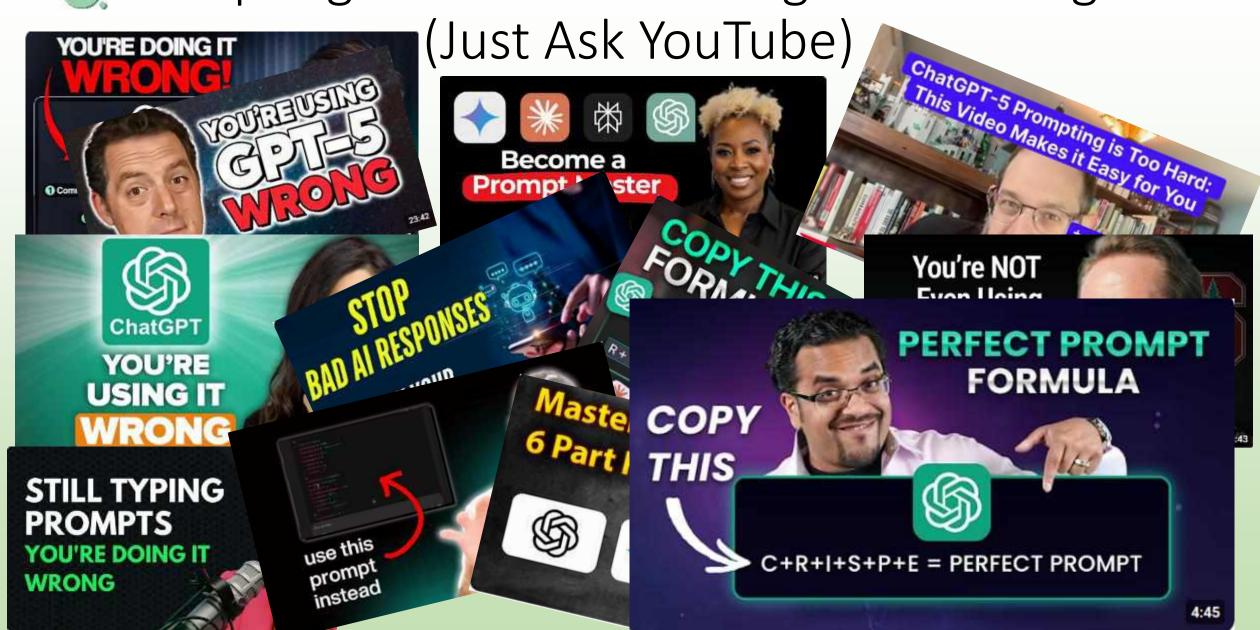
- Generative AI is everywhere
- Human in the loop
- Safety & security are still essential
- You are a developer...Think like a developer
- Yes, you can have this PPT!
- Tools, tools and more tools...

MEETING

Ya Can't Tell the Players Without a Scorecard

Platform	Modes	URL
ChatGPT	Text, Image, Video (Sora)	https://chatgpt.com/
Claude	Text (but not a 1 trick pony)	https://claude.ai/
Gemini	Text, Image (Nano Banana), Video (Veo)	https://gemini.google.com
MidJourney	Image, Video	https://www.midjourney.com/
Leonardo	Image, Video	https://app.leonardo.ai/
Ideogram	Image	https://ideogram.ai/
Lovart	Image, Design, Video	https://www.lovart.ai/
Runway	Video	https://app.runwayml.com/
Suno	Music	https://suno.com/
ElevenLabs	Voice, Sound	https://elevenlabs.io/
HeyGen	Video, Avatar, Voice	https://app.heygen.com

Prompting Class: You're Doing it All Wrong!!!



RECAP: Building the Optimal Prompt

- Role (R) Role playing: You're the world's greatest
- End Goal (E) State the goal clearly. Use examples.
- Constraint & Clarity (C) –"Use a warm & professional tone... write a blog...200 words max...explain it like I'm 16 years old"
- Ask Questions First (A) Don't start yet!
- Provide & Iterate (P) Ask for multiple versions...& iterate!

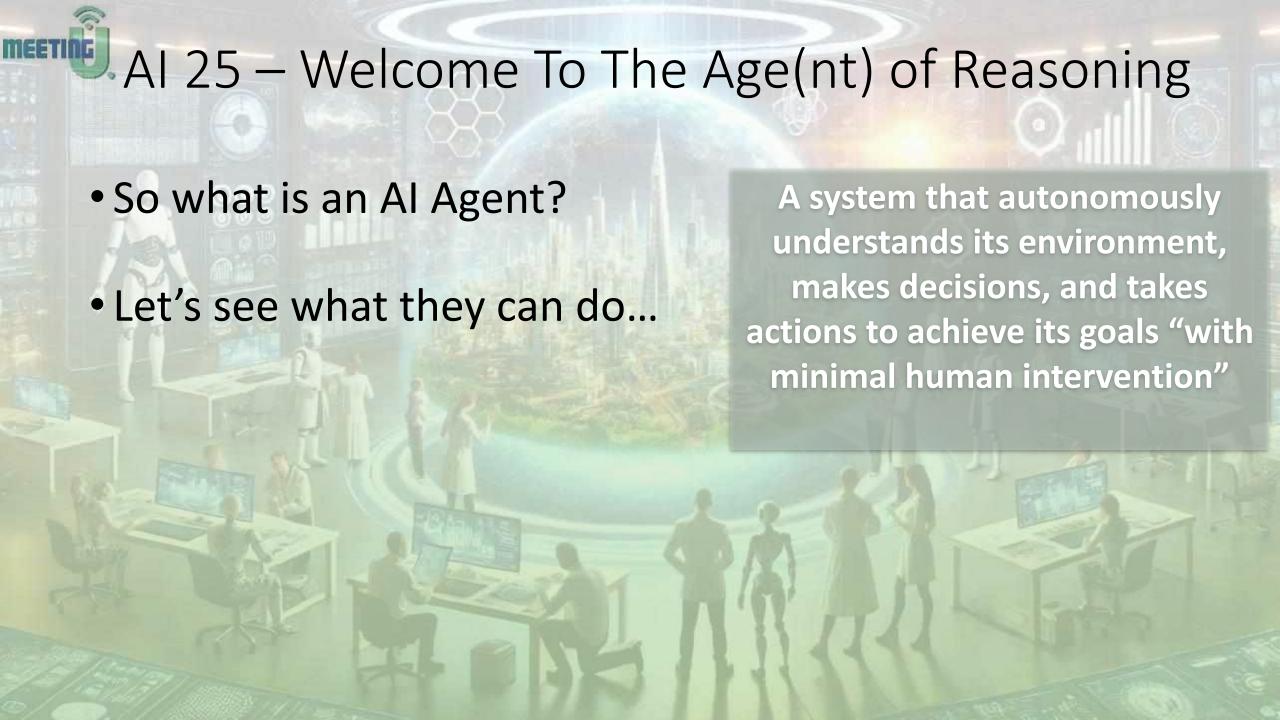




Level Up Your Thinking

- Level 1 Basic, tactical
- Level 2 Strategic & creative
- Level 3 Transformative & innovative
- Level 4 Visionary
- Level 5 Societal reimagination

<u>Sample prompt</u>: Create a Level 4 marketing strategy for a venue manager in Portland, Oregon to promote their unique and historic movie theater as a meeting destination





Battle of the Agents: GenSpark vs Claude vs ChatGPT

You are an **AI Sales and Prospecting Assistant** for a historic movie theater that has been fully renovated into a high-end event venue.

Your goal is to help the venue manager identify and prioritize local corporate event opportunities for FY '26.

You think and respond like a sales strategist who understands both hospitality and corporate event planning.

Prompt Optimized Further...Let's see it.

Al 25 – Welcome To The Age(nt) of Reasoning

- So what is an Al Agent?
- Let's see what they can do...
- Is it an agent...or just a smart workflow?

zapier







What's n8n

No code, but there's a learning curve

• LLMs and Agents work here

Googlel Sheet

• Let's do some morning research with n8n and an Agent...

Prilong Airm

A workflow automation tool that connects systems that can't communicate on their own



A Simple Agent... Your Morning Routine

- Get coffee
- Do some work research
- Remind me what's on my calendar for today
- See my unopened emails
- · Get more coffee.



What's a Reasoning Model?

Reasoning Model: An advanced system designed to think step-by step through complex problems. Some examples:

- GPT5
- Claude Opus 4.1
- Claude Sonnet 4.5
 - Gemini Flash 2.5



Steering the Reasoning Models

- Provide super clear instructions/avoid conflicts
- Offer guiderails (what you don't want)
- Tell it to "think harder" or "think deeper"
- Have it critique its own work
- Structure matters
- Are there easy ways to do this?
 - Metaprompting Ask the LLM to improve your prompt
 - Maybe...perhaps...cheat a bit?...



One More Thought – Use Prompt Optimizers

OpenAl

https://platform.openai.com/chat/edit?models=gpt-5&optimize=true

Claude

https://platform.claude.com/dashboard

Many image models (Ideogram, Leonardo, others) have prompt enhancing options as well. Flux1.ai has sample prompts for multiple image models.

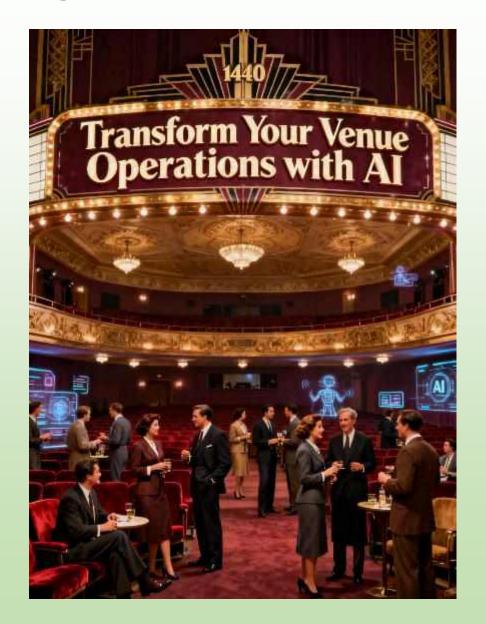




It Wasn't That Long Ago...











Jim, But What Can I Really Do With GenAl?

- Brainstorm ANYTHING
- Rewrite & improve your written content
- Analyze data from Excel...or almost anywhere
- Build a website
- Create your slide deck
- Transcribe meeting minutes
- Plan and book travel
- Automate social media content cleation

 Research your
- Create music (with lyrics)
- Generate images
- Modify & extend photos
- Create & modify audio
- Build videos from text or images

- Summarize YouTube videos
- Extract a person from video (green screen)
- Upload documents for interaction
- Brainst Bix a poor audio recording brainst Bix a poor audio recording brainst aloud
 - Create a chatbot
 - The state of the s
 - Assisting with homework (for the parents!)
 - Build a marketing plan
 - Search your Gmail
 - Real time language translation
 - And that's just for starters.

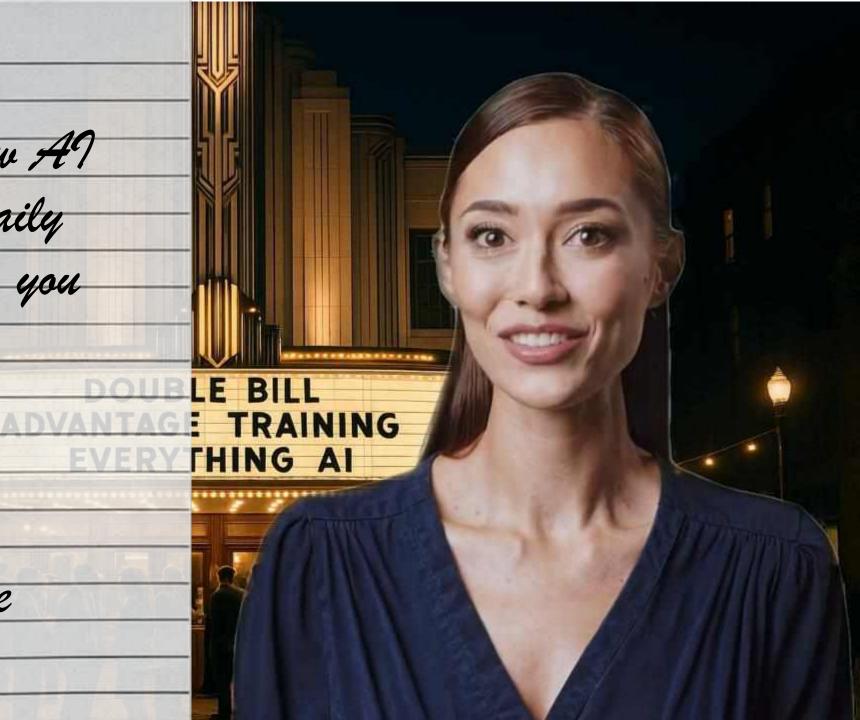
Let's see a few examples!

Jim...

This note shows how A? can support your daily tasks. I'm here if you need me.

G

P.S. Perfect is the enemy of good.





Vibe Coding - Building an App

(in just a few minutes)

You are a creative event concept designer and professional developer. Create a web app that takes as input the client's details — event type, audience size, location, budget range, and desired vibe — and generate 3 unique theme ideas with décor style, menu concept, entertainment ideas, and a short tagline that captures the event's personality.

Let's Build it Live!







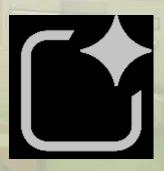


It's Not Your Parent's Google Anymore

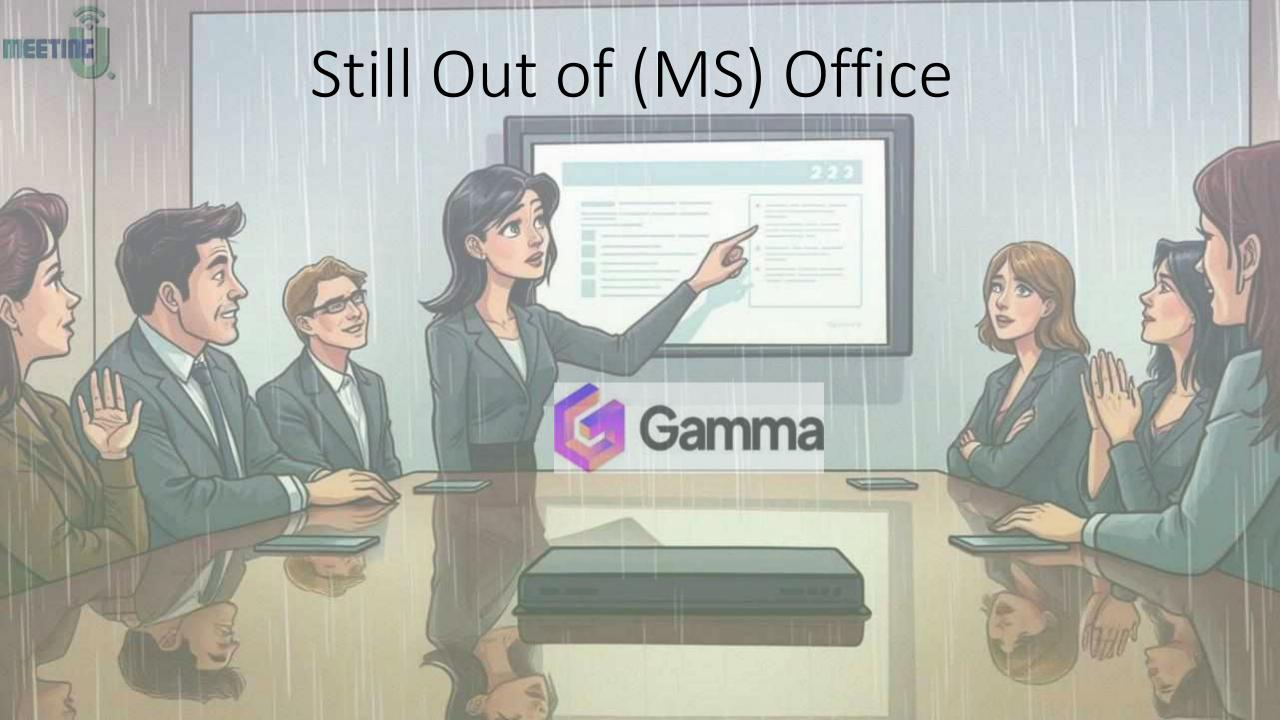
- Gemini & NotebookLM
- Al Studio & Nano Banana
- Labs.google
 - Whisk
 - Mixboard
 - Opal.











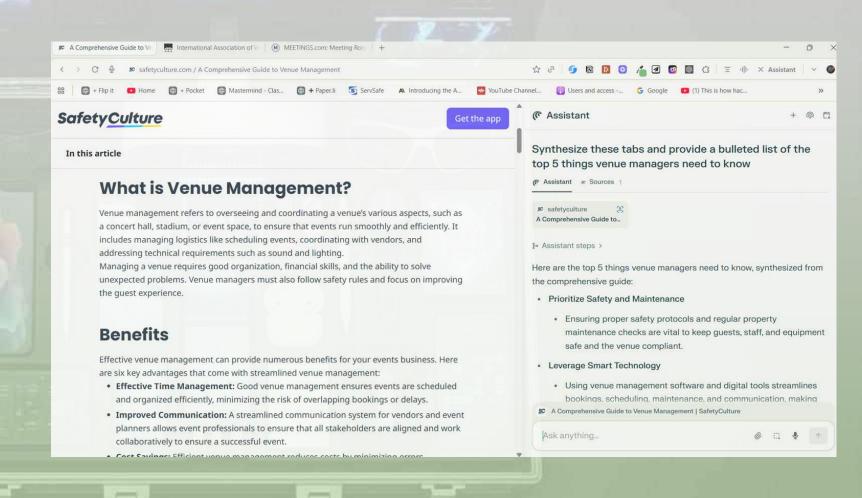
What Else is in Jim's (and G's) Al Toolbox?

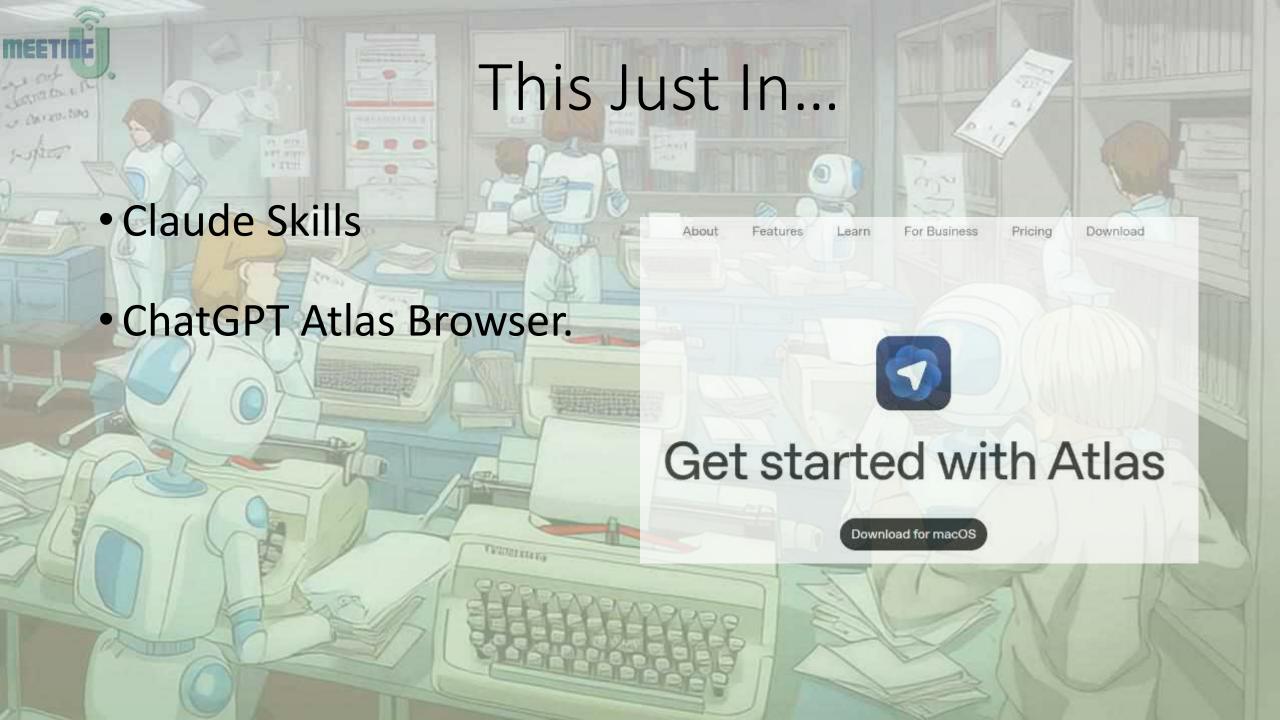
Perplexity Comet

ElevenLabs

HeyGen

So many more.







But Truly, There's Really Only 2 Things You Need to Know

- Al will not take your job away
- Al will take your job away.



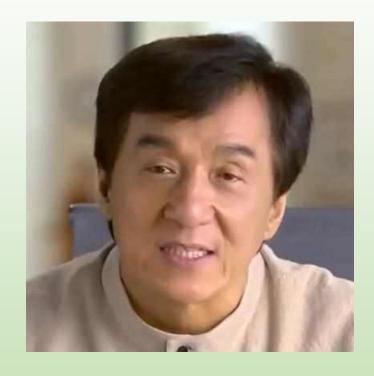


Deep Fakes – Don't Believe What You See

Step 1 – Upload Photo



Step 2 – Select "Driver"





Step 3 – Create DeepFake







