

The Rise of AI – How AI is Revolutionizing the Project Management

March 20, 2024

PMI Ghana Chapter



About Me

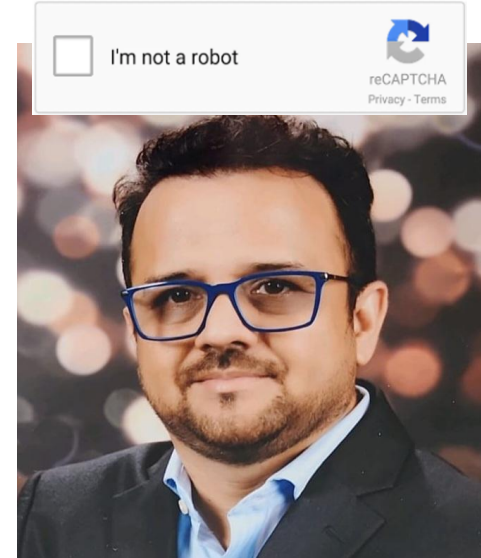
- Work
- Certifications & Education
- Speaking Engagements
- Volunteer

www.linkedin.com/in/mashhood

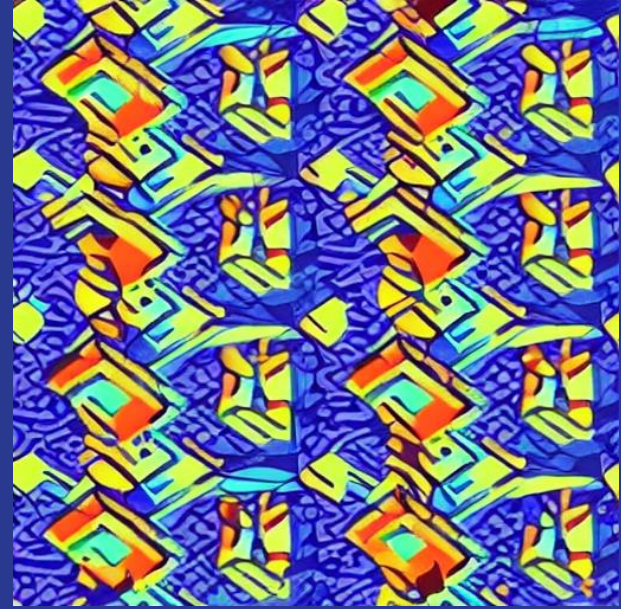
www.PMAssistant.ai

Mashhood@PMAssistant.ai

<https://www.mashhood.net/speaking-engagement>



Patterns

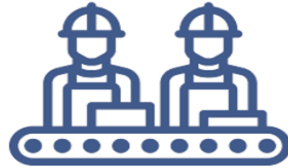


Learning from Patterns



1st

Mechanisation,
Steam and
Water Power



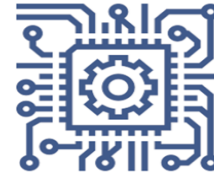
2nd

Mass
production,
Assembly lines,
electricity



3rd

Computer &
Automation

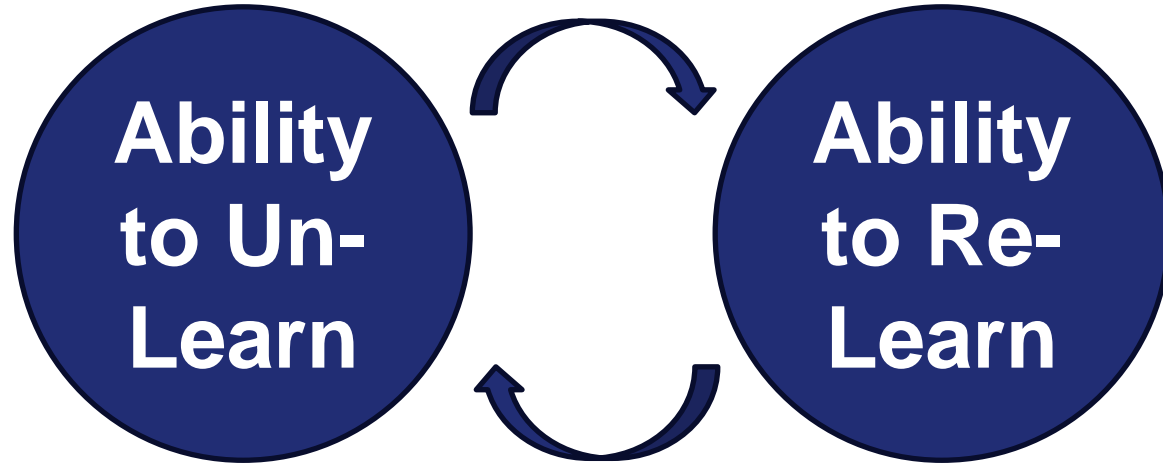


4th

Cyber Physical
Systems,
networks, AI



Most Important Skillset



- Un-learn the old ways of doing thing
- Un-Learning the old habits

- Re-learn and adopt to new ways of doing things
- Learning new habits



What is AI? and different categories of AIs



What is Artificial Intelligence?

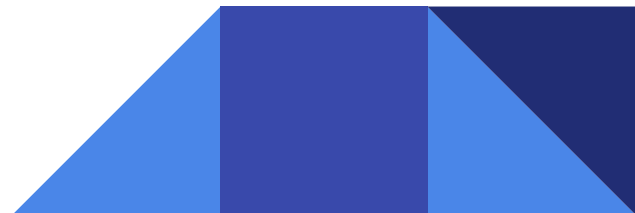
The ability for computers to perform tasks normally requiring human intelligence or to imitate intelligent human behavior – such as

- Problem solving,
- Learning and reasoning,
- Visual Perception,
- Voice Recognition,
- Data Analysis, Pattern Analysis and more



Categorizing AI

- Generative AI or Gen AI
- Specialized AI
- Hybrid AI



Research Findings



AI Won't Replace Professionals
— But Professionals With AI Will
Replace Professionals Without
AI



2019 Quote from Gartner

Gartner Says 80 Percent of Today's Project Management Tasks Will Be Eliminated by 2030 as Artificial Intelligence Takes Over

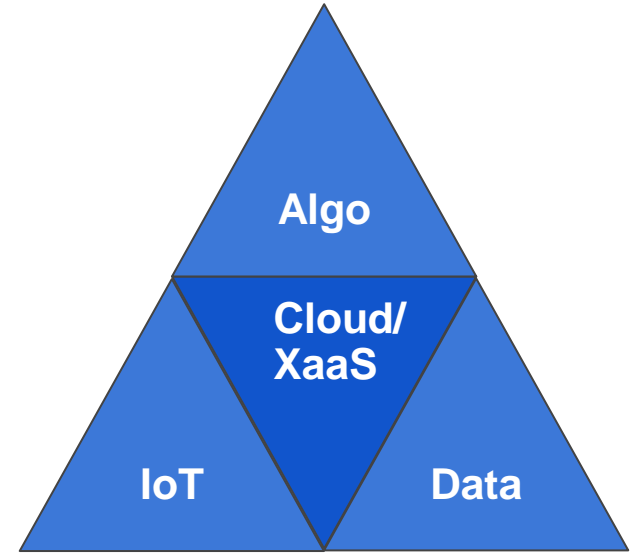


Technology Trends



Technology Convergence

- Algorithms
- Cloud/XaaS
- Internet of things
- Data (Structured or Unstructured)



Paradigm Shift

- Desktops to Mobile Phones
- GUI to voice enabled systems
- AI will enable voice based systems.
- Example Google Home, Amazon Alexa, Apple Siri

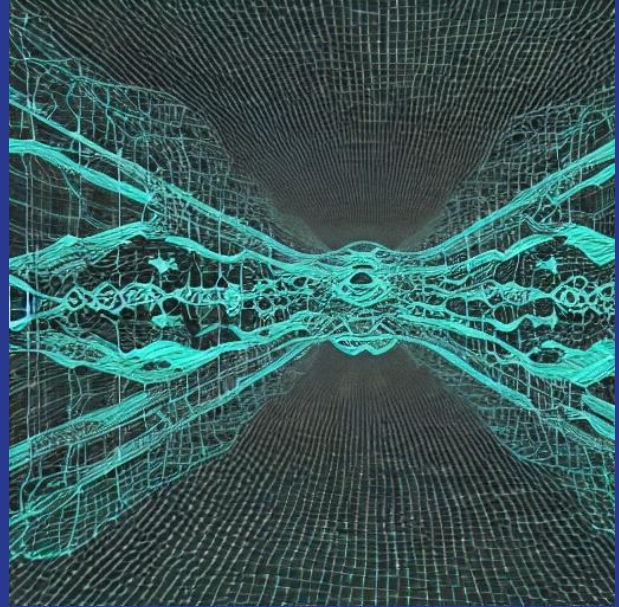


Chatbot Assistant for Rudimentary Tasks

- Meeting minutes
- Task status, Status report
- Task reminders and voice reminders
- FAQs, Find me information or codes
- Automatic language translation



Generative AI Landscape



Gen AI Tools available

<https://gemini.google.com/>

<https://chat.openai.com/>

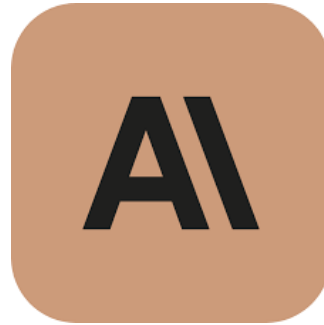
<https://claude.ai/>

<https://ai.meta.com/>

<https://copilot.Microsoft.com>

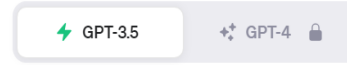


 Meta AI

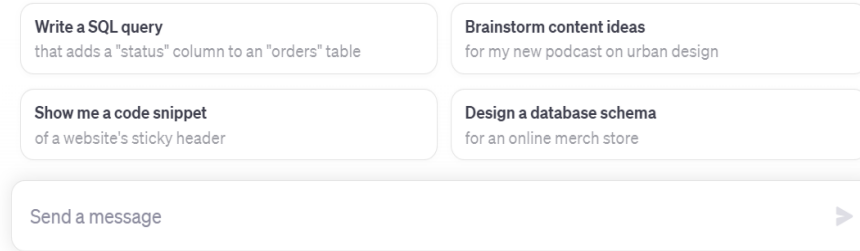


ChatGPT

- Web interface
 - 3.5 Free
 - 4.0 PAID
- API Interface
- Custom GPTs
- Enterprise ChatGPT



ChatGPT



Free Research Preview. ChatGPT may produce inaccurate information about people, places, or facts. [ChatGPT August 3 Version](#)



ChatGPT Live in Action

ChatGPT Live in Action

Sponsor: Good morning. I appreciate your time. We're excited to get started on this website project for our insurance agency. The website is going to be a crucial tool for our agents. We need it to be user-friendly and efficient.

Project Manager: Good morning. I'm eager to help you with this project. Let's start by outlining the key requirements. I understand we need both technical and business functionality.

Sponsor: The website should have an attractive, professional design that reflects our brand. It must be responsive and mobile-friendly to accommodate various devices.

Project Manager: Understood. The website should also have a user registration system for both clients and agents, allowing them to log in securely. What are the functionalities you envision for registered users?

Sponsor: Clients should be able to request quotes, submit claims, and access policy documents. Agents, on the other hand, need a portal where they can manage policies, communicate with clients, and generate reports. Additionally, we need to integrate a live chat feature for immediate customer support.

Project Manager: I see. For the back end, the system must be scalable, ensuring it can handle increased user loads as our agency grows. We'll also need robust security measures in place to protect sensitive data. What about integrations with external systems?

Sponsor: Absolutely, we need seamless integration with our internal CRM system for data synchronization. And we should also integrate with third-party insurance databases to provide accurate quotes and policy information in real-time.

Project Manager: Got it. Do we have an approved budget for this project?

Sponsor: The board has initially approved the budget of \$ 100,000, we should be able to showcase the new website at our annual conference which is scheduled for November 28, 2024.

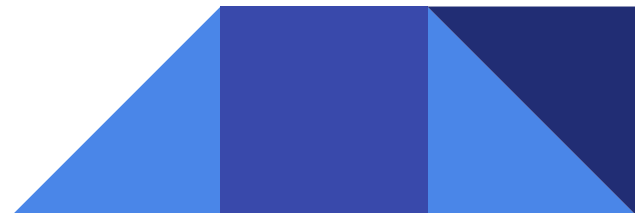
Project Manager: I will engage the web team to fully understand our resources capabilities, draft project charter and come back to you by first week of April with project charter approval and draft project schedule. In terms of timelines, we should complete Design by the end of April, development by the end of September and testing by the end of October in order to be ready for the annual conference in November.

Sponsor: yes, that will meet our timeline expectations for the annual conference, make sure to engage Web team, Communication team, Customer service, Agent union and IT team. Let's work together to make it a success.



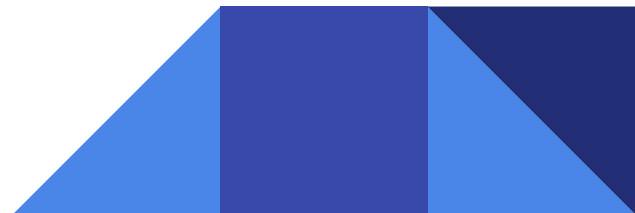
Prompt 1

- Hi ChatGPT, I am working as a project manager, I will enter meeting transcription based on this meeting transcription can you please provide me the short meeting summary in under 50 words.



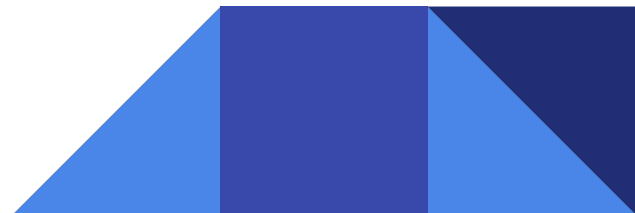
Prompt 2

- Based on the same meeting transcription, can you please give me action items in a table format with action details, action owner and target date.



Prompt 3

- Based on the above meeting transcription, can you help me define what resources do we need to complete the project



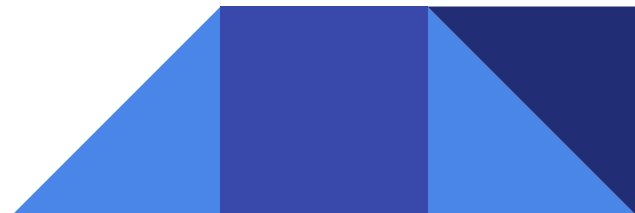
Prompt 4

- Based on the above meeting transcription, can you help me identify 3 high probability risks that I have to manage as a seasoned project manager



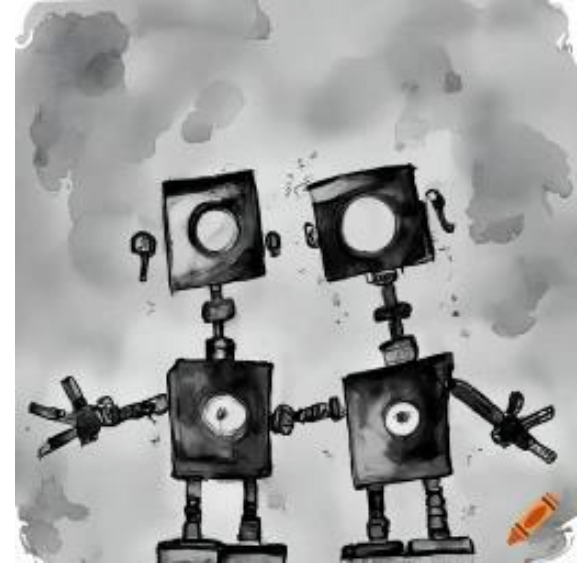
Custom Prompt

- What would you like to ask ChatGPT based on this transcription?



AI Hallucination

- **A false perception of objects or events.**
- When an AI model makes up the information, through a false perception of an object or event with real context or linkage through train data.
- AI Hallucination happens when context and boundaries are not set or poorly managed.

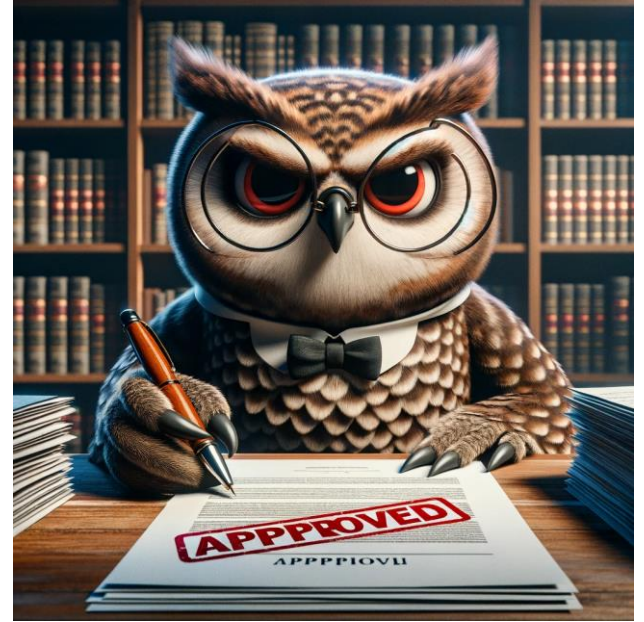


What Next?



STOP

- Do NOT Use any AI model in business without written approval



Build AI Task Force

- ✓ Lawyer/Legal Counsel
- ✓ Privacy Advocates
- ✓ IT Security
- ✓ AI experts
- ✓ Business area representation.



PMAssistant.ai

- Download The AI Prompts for Project Managers
- Join the waitlist to try MVP version



PM ASSISTANT.AI



Masterclass

- **Preparing for AI Revolution—Unlocking Productivity Management Secrets**
- **Date:** Saturday April 27, 20224
- **Time** 3:00 pm – 7:00 pm (Ghana time)
- **Discount code “PMIGhana” and get 50% Discount**
- **Only 5 tickets are available with 50% discount.**
- <https://PMassistant.Eventbrite.com>



Final Comment

AI will ASSIST PMs,
IT WILL **NOT** ELIMINATE PMs Roles,
HOWEVER, IT WILL **TRANSFORM** our **ROLE**
INTO
STRATEGIC BUSINESS ENABLER



Q&A

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