



PMI Project Management Institute Norway

PMI Norway Summer Event 2024

WILL AI REPLACE PROJECT MANAGERS?

Keynote speakers
Kjetil H. Volle *Lavanya Vijayaraghavan*

1





KJETIL HATLESTAD VOLLE

Vice President – PMI Norway Chapter

Kjetil has a Product Safety Lead role in Kongsberg Maritime where he actively work with safety risks in projects. In addition to PMI-RMP he holds PMP, MSP and organizational change management certifications. He has been actively engaged in PMIs initiatives to assess and determine AI usefulness for PMs.









2


LAVANYA VIJAYARAGHAVAN

Volunteer, PMI Bangalore & PMI Lebanon

Lavanya is a scientist, with an MSc in Neuroscience. Besides her CAPM certification, she also holds PSPO-1 (Scrum). She has been a major contributor to the PMI AI Survey project in data analysis and is passionate about ethical and thoughtful use of AI.

3




Agenda

- Quick local survey
- The PMI Global AI Survey results
- AI in Norway – are we in the game?
- AI & the Future of work
- Practical demo of PM AI usage
- Did we learn anything new? - Survey

AI is not a Silver Bullet.
But can you take a bullet?

4

 **Project Management Institute. Norway**

Quick Survey

Let's look at how the audience is currently using AI – or not?


“Deal with AI technology – it is coming”

But is it coming your way?

5

Join at menti.com | use code 6848 7140 Mentimeter

Are you using any AI tools in your daily work?



Nope - not where I work Yes - but only limited Yes - but only private

Content

Your question ⓘ
Are you using any AI tools in your daily work?

Additional details
Longer description shown on your audience's phones
Your description

Options ⓘ

- Nope - not where I work ×
- Yes - but only limited ×
- Yes - but only private ×

+ Add

Extras

- Choose correct answers ⓘ
- Show responses as percentage ⓘ
- Let participants submit multiple options

Select another question

Account
Content
Design
Settings
Help & Feedback

6

Join at menti.com | use code 6848 7140

Ment

KV Account


Content

Design

Settings

Help & Feedback

If using AI at work - how much time do you save a week?



N/A - do not use At least 30 min Probably about 2 hours


7

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Mentimeter

Do you think YOUR job is in danger du to AI tech?




leader inspiration bold focus creative fast transpiration

8

PM Project Management Institute. Norway

Join at [menti.com](https://www.menti.com) | use code **6848 7140**

How mature is your Organization with AI?




2	18	7	6
NOT - we are currently holding back	Some - but very limited	Some focus - but only for Products	Full Focus - AI change everything

Mentimeter interface: Account (kv), Content, Design, Settings, Help & Feedback

9

PM Project Management Institute. Norway

AI is coming – what is the impact on PM?



“AI is not going to replace humans, but humans with AI are going to replace humans without AI.”

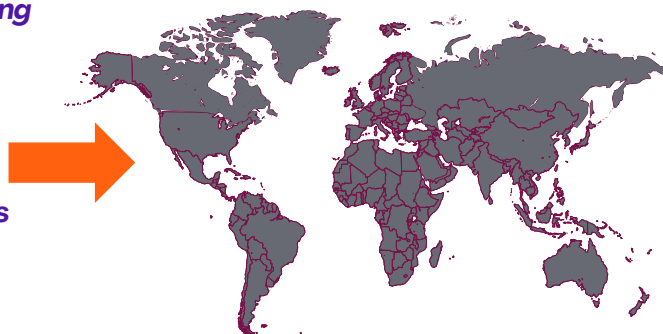
Prof. Karim Lakhani, Harvard Business School

10

Asking big questions

- How will AI will impact PM work?
- Have PMs experience in implementing AI solutions already?
- Which project areas will be mostly impacted by AI?
- Are PMs preparing for AI tech?
- Are Governments and/or businesses investing to leverage AI?
- What do leading AI Specialists think about AI in PM?

The 2023 Global AI Survey Project



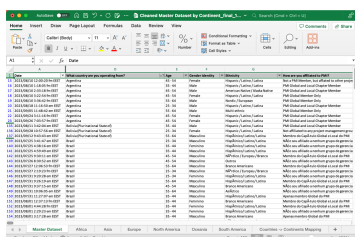
32 PMs from 25 countries
Involving 27 PMI Chapters

11

The AI Survey 2023 Project

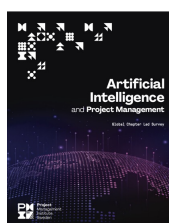
Phase 1

Creating and
deploying survey
(1 June - 30 Sep 2023)



Phase 2

Analysis of results,
data cleansing and
report publication
(1 Oct - 31 Jan 2024)

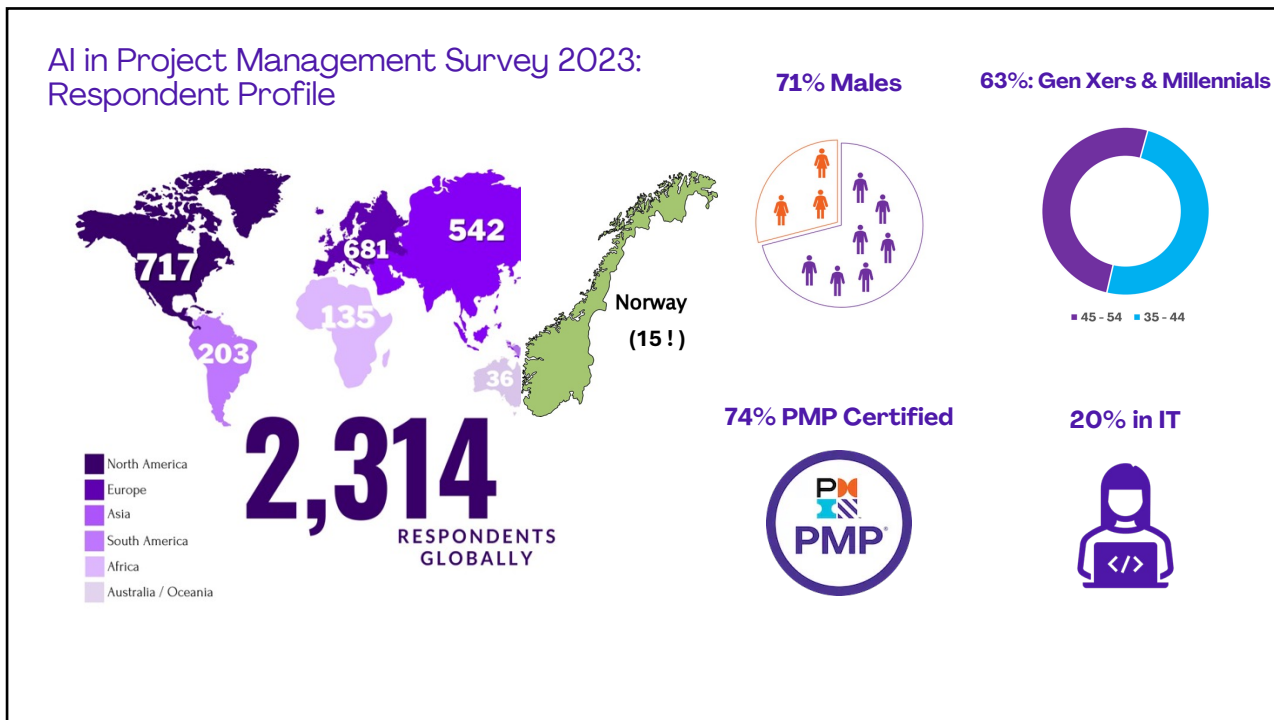


Phase 3

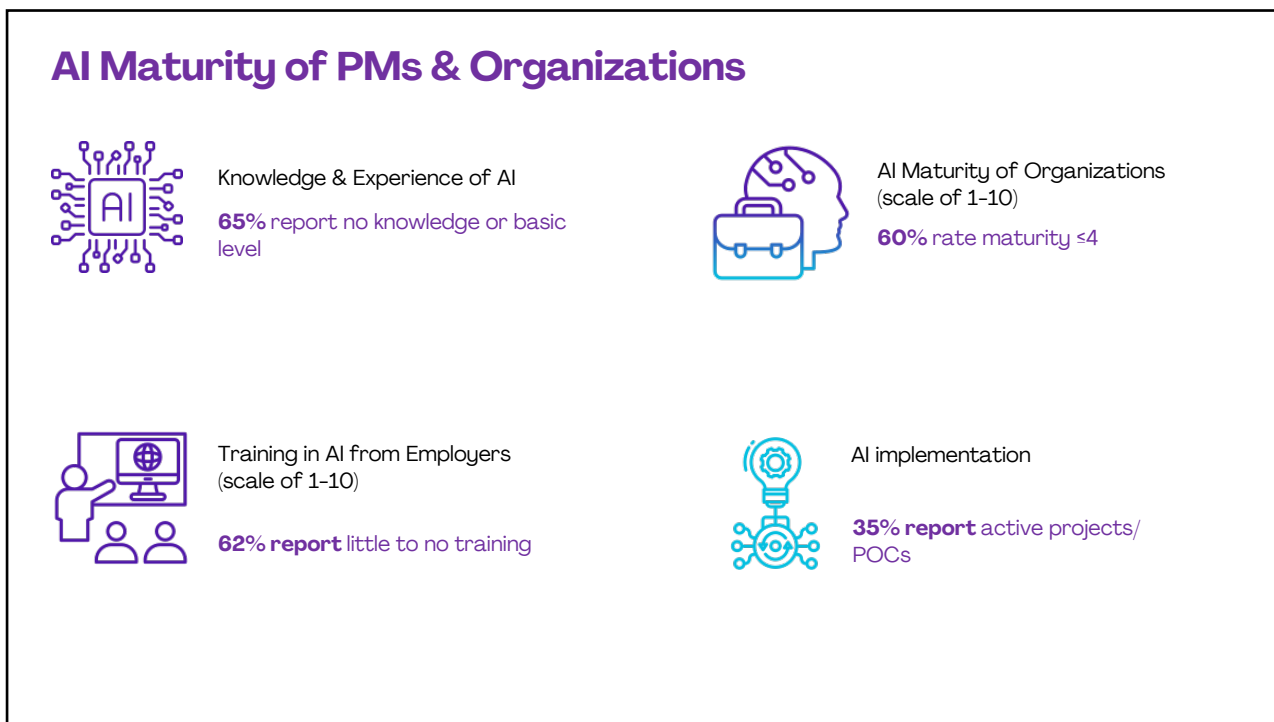
Case studies
AI Tool Use in Project
Management Survey
(15 Jan - 1 Mar 2024)



12



13



14

Impact of AI on Project Management

How much will AI transform project management in the next 3 years, on a scale of 1-10?



76% rated ≥ 7

What are the 3 areas with the highest impact from AI?



Data collection & Reporting



Performance monitoring



Scheduling

What are the 3 areas with the lowest impact from AI?



Project Budgeting



Project Communication



Stakeholder Management

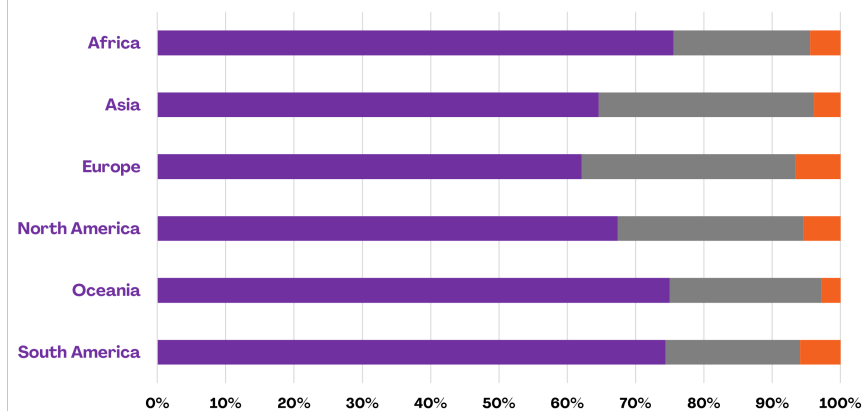
15

AI & Career Choices

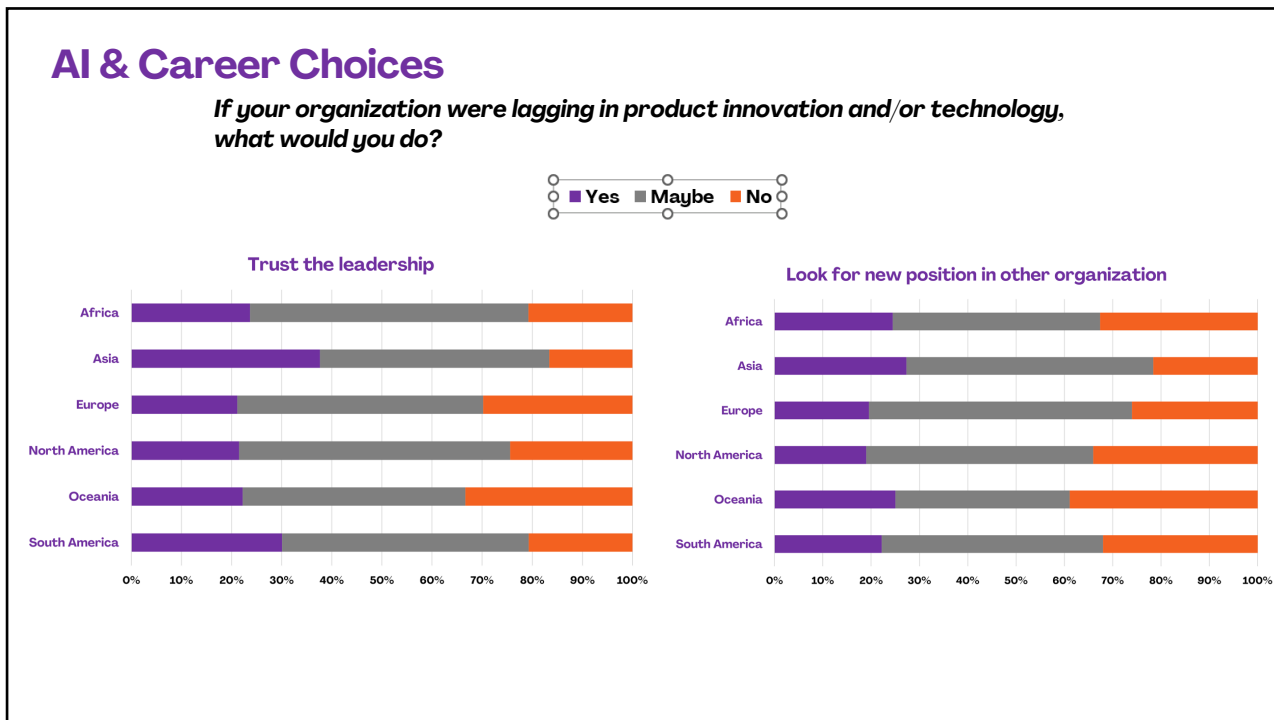
If your organization were lagging in product innovation and/or technology, what would you do?

○ Yes ○ Maybe ○ No

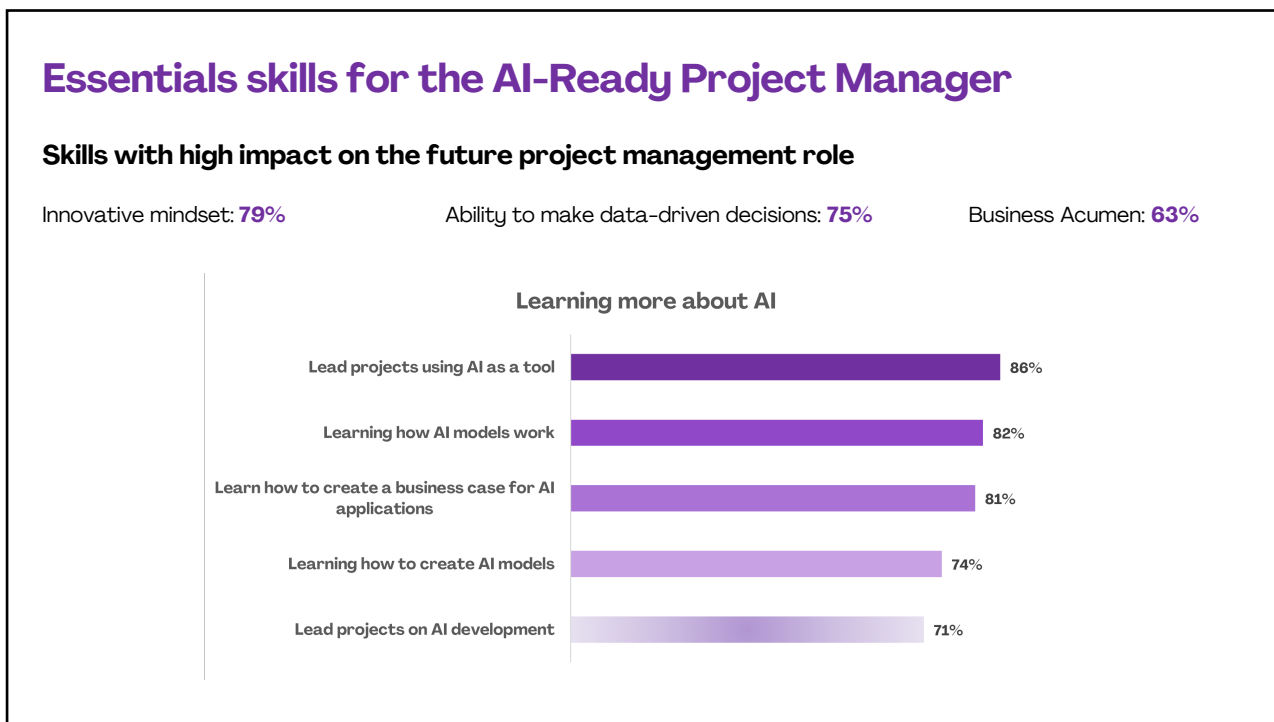
Propose innovative new projects



16



17



18

Key takeaways



AI is expected to have the greatest impact on automation, data collection and analytics – and least on the human side of projects.



AI will transform the way we work. To fully exploit its potential, organizations urgently need a coherent strategy



PMs are eager to drive AI and technology use: but leadership shouldn't be too complacent, and show equal commitment

19

AI in Norway

- Most jobs will exist in 10 years time.....but will utilize AI (as of Google Norway)
- A range of large Norwegian companies build their own LLMs:
 - Schibsted
 - Telenor
 - DNB
 - Equinor

Norway is no 13 on statistics in 2023 related to AI readiness

Norway will invest in artificial intelligence in areas where we have particular advantages, such as health, oceans, public administration, energy and mobility.

- regjeringen.no

20

What happens in Norway with AI?

**Dette er NorwAI –
Norges nye senter
for kunstig
intelligens**

*Regjeringen ber 80 prosent av offentlig sektor
bruke KI innen 2025*

The NORA.LLM project – large language models as infrastructure

NORA with partners recently submitted a proposal to the Research Council of Norway under the call National Financing Initiative for Research Infrastructure. The proposal's total budget is 212 million Norwegian kroner (NOK 212M), of which NOK 62M is in-kind contributions from the partners. The goal is to establish Norwegian language models as infrastructure.

21



Project
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Institute,
Norway

AI & the Future of Work: 2024

Now companies must renegotiate the 'operational contract' with their employeesas AI puts more power into the hands of workers

— **Constance Noonan Hadley, Organizational Psychologist, Institute for Life at Work and Boston University Questrom School of Business**

22

2024 Work Trend Index Annual Report 13 from Microsoft and LinkedIn

How are employees using GenAI?

75% of global knowledge workers using GenAI

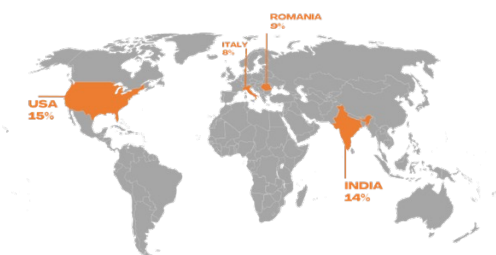
78% are using tools **NOT** provided by their employer – **BYOAI!**

Only **39%** of AI users trained by companies

31,000 full-time employed or self-employed knowledge workers across 31 markets between February 15 - March 28, 2024.

23

AI Tool Use Survey, 2024



303 responses from 70 countries

Top 4 AI Tools & Solutions

- 59% ChatGPT 3.5
- 36% Microsoft Project Copilot
- 34% Jira
- 30% ChatGPT Plus

How are project managers using AI tools?

Top 3 benefits of AI tool use

- 58% Notably increased efficiency and productivity
- 48% Better decision-making
- 39% Improved collaboration and communication

56% are saving 5 hours/week

Top 3 uses of time saved

- 53% professional development
- 50% strategic planning
- 48% innovation & creativity

Top 3 concerns about AI use

- 72% Data privacy & security
- 56% Ethical considerations
- 51% Legal compliance & regulatory constraints

Navigating AI In Project Management, PMI Sweden 2024.

24

2024 Work Trend Index Annual Report 13 from Microsoft and LinkedIn

What do employers want?

66% won't hire
someone
without **AI skills**

77% would give
early career workers with AI
skills **greater responsibilities**

BUT
Only 25% of
companies
planning to offer
GenAI training

71% would take **AI skills over** work
experience

25

Navigating AI In Project Management, 2024.

Little to no organizational support

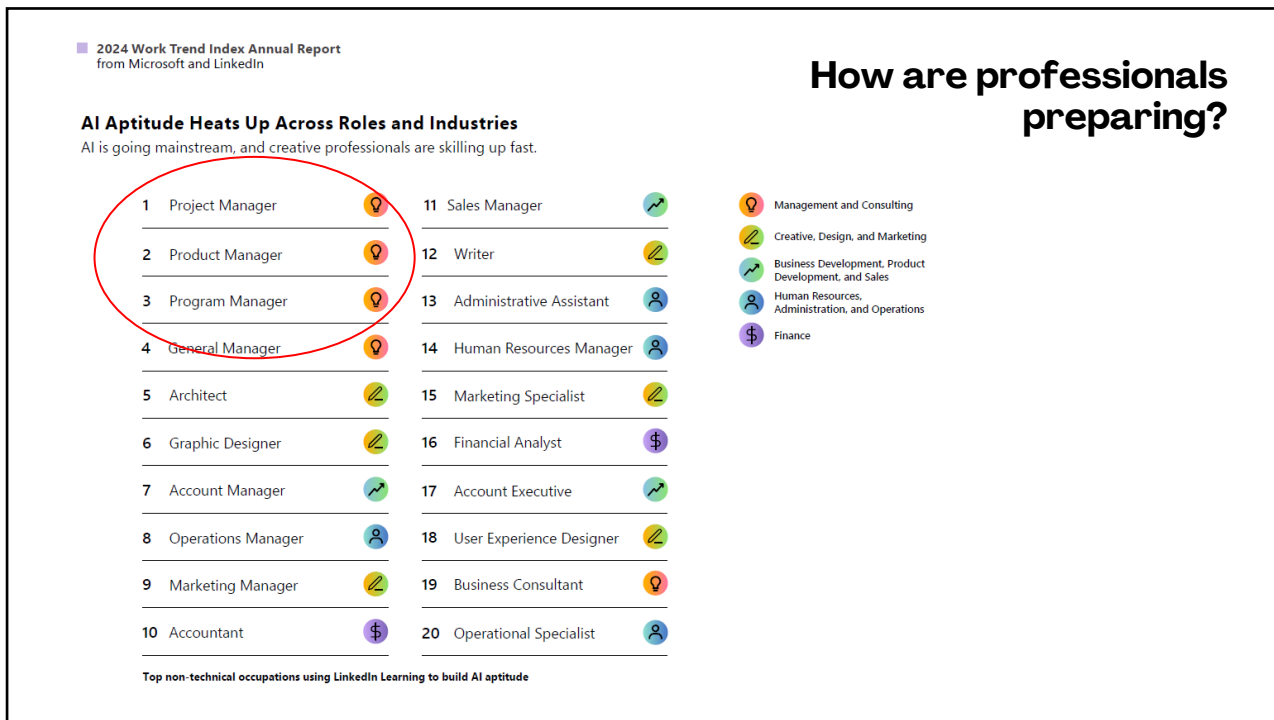
53% : no
organizational
training in AI tool use

59%: no
organizational
policies governing AI
Tool use


Only **34%** feel
gaining executive
sponsorship is
important for AI
adoption

Only **30%** used
company-provided
resources for
improving AI tool
skills

26



27



Being AI-Ready

- PMI Resources
- Hands-on Demo

“AI can help liberate workers from menial work and enable innovation and creativity to flourish.”

— Prof. Michael Platt,
Wharton School, University of Pennsylvania

28

PMI Resources

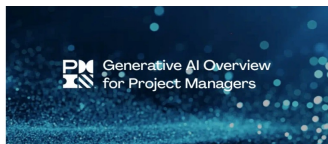
- <https://www.pmi.org/explore/ai-in-project-management>
- <https://infinity.pmi.org/chat>

PMIxAI: Your Gateway to the Future of AI-driven Project Management

29

PMI AI Resources

Artificial Intelligence in Project Management | PMI



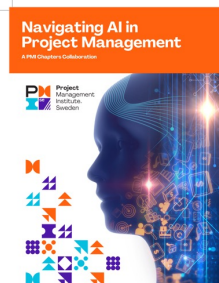
Start Navigating the Future of Project Management and AI Tools



Data Landscape of GenAI for Project Managers



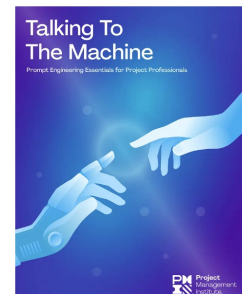
PMIxAI website



PMI Sweden Chapter website

AI4PM Team Webinars on Projectmanagement.com

1. AI in PM Community Led Survey 2023 - Global Deep Dive. **29-Feb-2024**
2. Leveraging AI: A Blueprint for Project Managers in Asia; Insights from the AI in PM Community Led 2023 Survey. **28-Mar-2024**
3. Insights: AI in PM Community Led 2023 Survey Results Europe. **15-Apr-2024**



PMIxAI website

30

Hands-on Demos

How you can start using AI today!

*Go for the AHA!
instead of the
WOW! factor.*

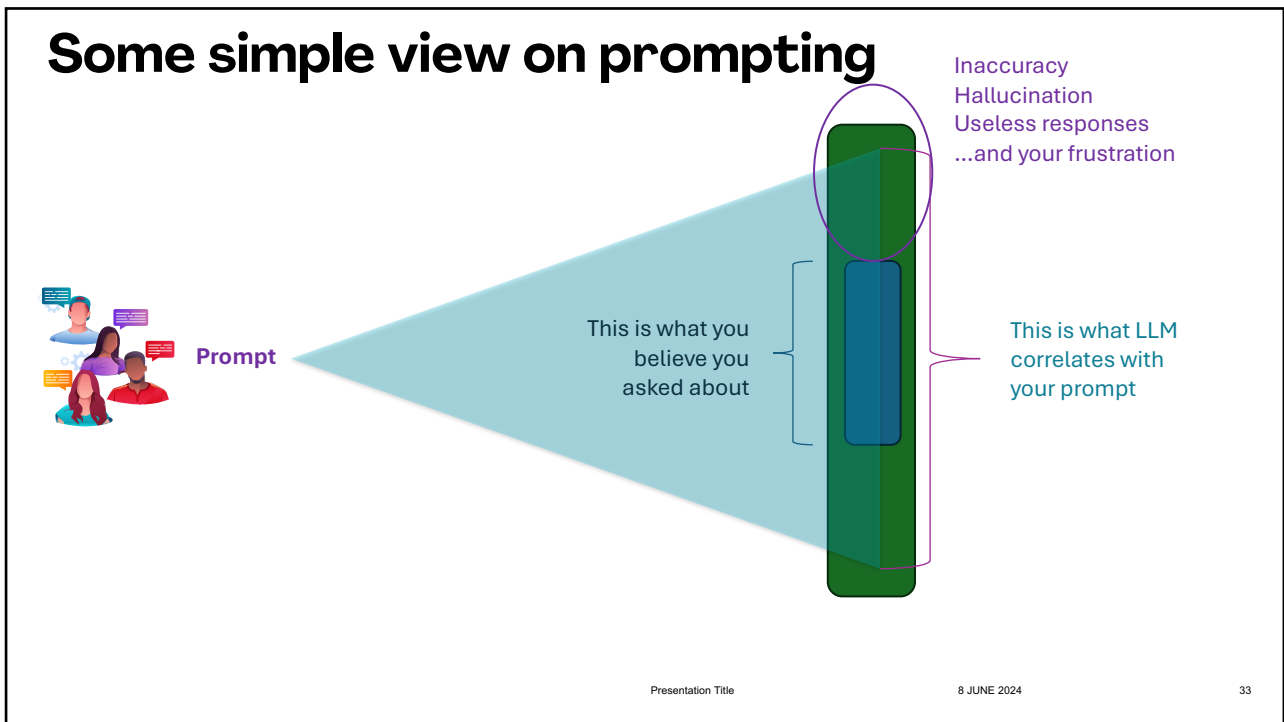
*Use AI in real
projects, for real
work.*

31

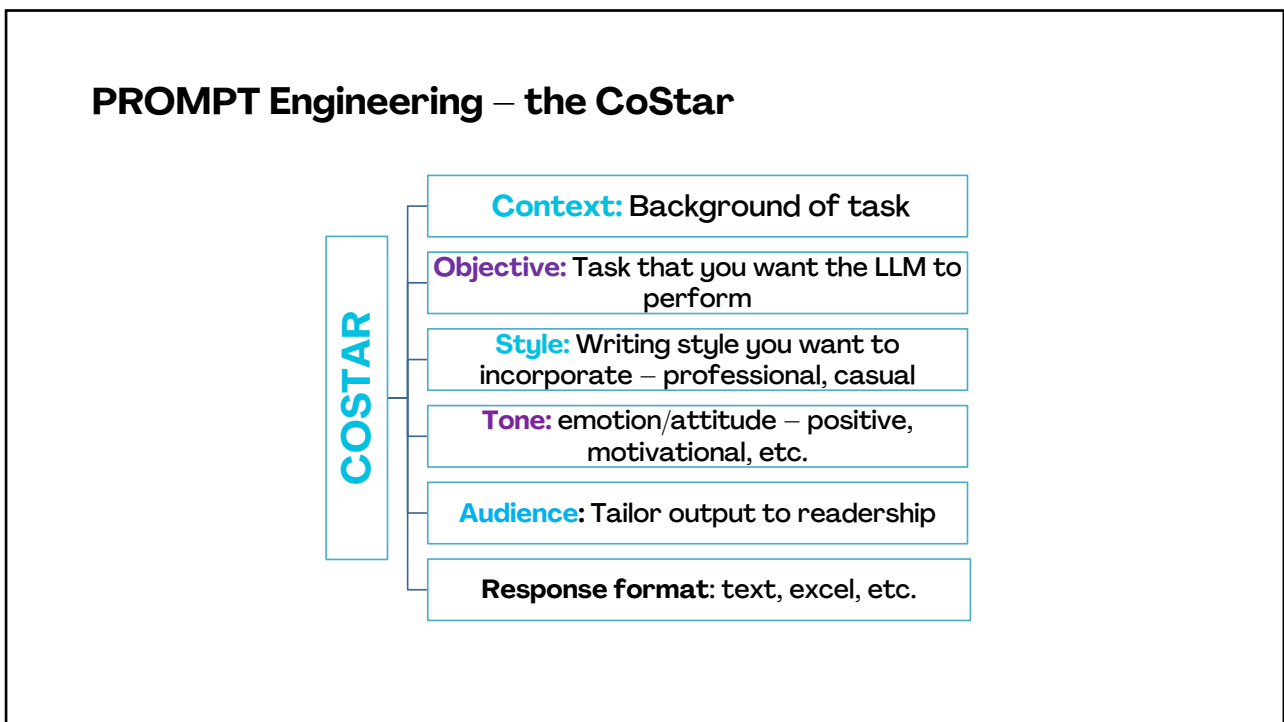
Scenarios for Live Demo

1. Meeting minutes – using Otter.ai – when you cannot participate (external to your organization)
2. Showcase AI use for Meeting Minutes - Internal teams meetings – in a safe environment
3. How to make lessons learned summaries from a huge register with 300 entries
4. Another key session of PMs – creating a Risk Register from scratch

32



33



34

Now Live DEMOS

How you can start using AI today!

Put AI to use in a real
project

It is after all not a toy

35

A Quick GenAI Tool Review #1

ChatGPT

Developed by OpenAI, ChatGPT is a robust LLM renowned for its adeptness in generating human-like text, facilitating language translation, crafting diverse forms of creative content, and providing informative responses to queries

Strengths:

- It supports **plugins** and allows you to create your own
- Accomplished in **creative content** creation.
- It is **multimodal**, moving beyond text to create images from prompts and explain the images it produced.

Weaknesses:

- It may need more depth and nuance in tasks that require critical thinking.
- Its knowledge is limited to the data it was trained on, with cutoffs in 2022 and 2023, meaning it may need more information on very recent events or innovations.

Gemini

Google AI's creation, Gemini, recently replaced Bard as Google's main generative AI tool. It excels in comprehending and responding to complex and challenging queries.

Strengths:

- Being a part of Google, has **access to recent information**
- Demonstrates advanced **critical thinking** capabilities.
- It is **multilingual**, able to interact in many different **languages**.

Weaknesses:

- Proficiency with some languages may be limited.
- Responses may occasionally veer towards generality.

PMI Infinity

PMI Infinity is a platform that uses Generative AI to support project managers in their work, providing improved project outcomes, professional development, and overall organizational efficiency. It offers a knowledge base built using PMI's expansive catalog of proprietary project management content, ensuring that all responses provided are reliable, trustworthy, and backed by research and a highly regarded reputation in the world of project management.

Strengths:

- **Deep, domain-specific answers** based on decades of vetted content.
- **Smart navigation to answers** beyond a single chatbox.
- **Ongoing refinement** of responses by the world's largest community of project managers.
- **Consistently cites sources** of answers.

Weaknesses:

- It's still new and evolving.
- For general questions happen to be outperformed by the top OpenAI / Google / Anthropic models

Claude

Claude 3 is an advanced AI model developed by Anthropic, designed to offer conversational AI capabilities with a focus on safety and alignment with human values. It aims to provide high-quality, contextually aware responses across various domains.

Strengths:

- Focuses on safety and alignment with human values, aiming to reduce harmful outputs and biases.
- Excellently suited for **content creation, brainstorming, and generating ideas**.
- It can **understand and create content based on images**, giving it an advantage over ChatGPT in this regard.

Weaknesses:

- Regional restrictions
- The focus on safety and ethical considerations might restrict the model's flexibility in certain conversational contexts.

36

A Quick GenAI Tool Review #2

Poe.com

Poe.com is a platform developed by Quora that allows users to interact with various AI-powered bots, including GPT-4 and Claude AI, for instant answers and conversations on a wide range of topics. It supports multiple AI models, offering distinct bot personalities and diverse perspectives.

Strengths:

- Access to a **variety of AI models** including GPT-4 and Claude AI, providing a wide range of expertise and responses
- **Distinct bot personalities** allow for more engaging and varied interactions.

Weaknesses:

- Bots may be limited in their knowledge of recent events and make incorrect statements
- Poe.com's reliance on multiple AI sources may lead to inconsistencies in answers and user experience

Pi.ai

Pi AI is an AI chatbot created by Inflection AI and is built to provide helpful, engaging, and fun conversation for anyone who interacts with Pi. It is designed to understand natural language, generate relevant, engaging responses, and handle various topics.

Strengths:

- You can use it over the **WhatsApp**
- It **adapts** to each user's profile and preferences, asking questions to understand their interests, needs, and goals.
- A **human-like conversation**. Witty, knowledgeable, and warm.

Weaknesses:

- Voices are a bit robotic
- Specific features and capabilities need to be more detailed, making it difficult to assess the platform's full potential.

Copilot

Microsoft Copilot is an AI-powered assistant designed to enhance productivity tools by providing contextual assistance, automating tasks, and offering insights based on the user's work. It integrates with Microsoft's suite of applications to streamline workflows and improve efficiency.

Strengths:

- Has free access to **GPT4**
- Can **access the internet** to deliver more current information, complete with links to sources

Weaknesses:

- Limited conversation turns
- No memory of past interactions
- May not handle complex queries perfectly

Perplexity.AI

Perplexity.AI is an AI-powered chatbot and intelligent search engine that utilizes artificial intelligence, natural language processing, and machine learning to provide accurate and comprehensive responses to user inquiries. It is known for being useful for research, given its ability to synthesize information from diverse sources, present contextually rich answers, and cite its sources

Strengths:

- Offers **more accurate responses** and **cites sources** to back up the information provided.
- Known for **context awareness**, delivering more relevant and informative answers.

Weaknesses:

- Sources are often not scholarly but are typically credible.
- Often slow, with recent high demand.

37

Q & A

38

Conclusion

*Project managers are
the ones
who keep it all
together.*

We drive change.

*We create the future
– one project at a
time!*

39

Will AI replace PMs?

NO, but:

1. AI is Transforming the Way We Work, and PMs must adapt
2. Organizations Seek AI-Skilled Talent but Hesitate to Invest in training
3. We Must Take Personal Control of Our AI learning and Growth

Tell me and I forget. Show me and I remember. Involve me and I understand.

40

Generative AI training & consulting

Olalla García Pérez, PMP®, PMI-ACP®
PMI Future 50 Awardee, 2023



LinkedIn olalla.garpe@gmail.com

Dr. Lavanya Vijayaraghavan
CAPM®, PSPO-1




LinkedIn lavyavraghavan@outlook.com

Services


- Hands-on **workshops**
- **Consulting** with PMI chapters to develop **training plans and material**
- **Evaluating organizational AI needs** and providing recommendations & training.


41



Takk skal du ha!


Kjetil H. Volle





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Lavanya Vijayaraghavan



42