

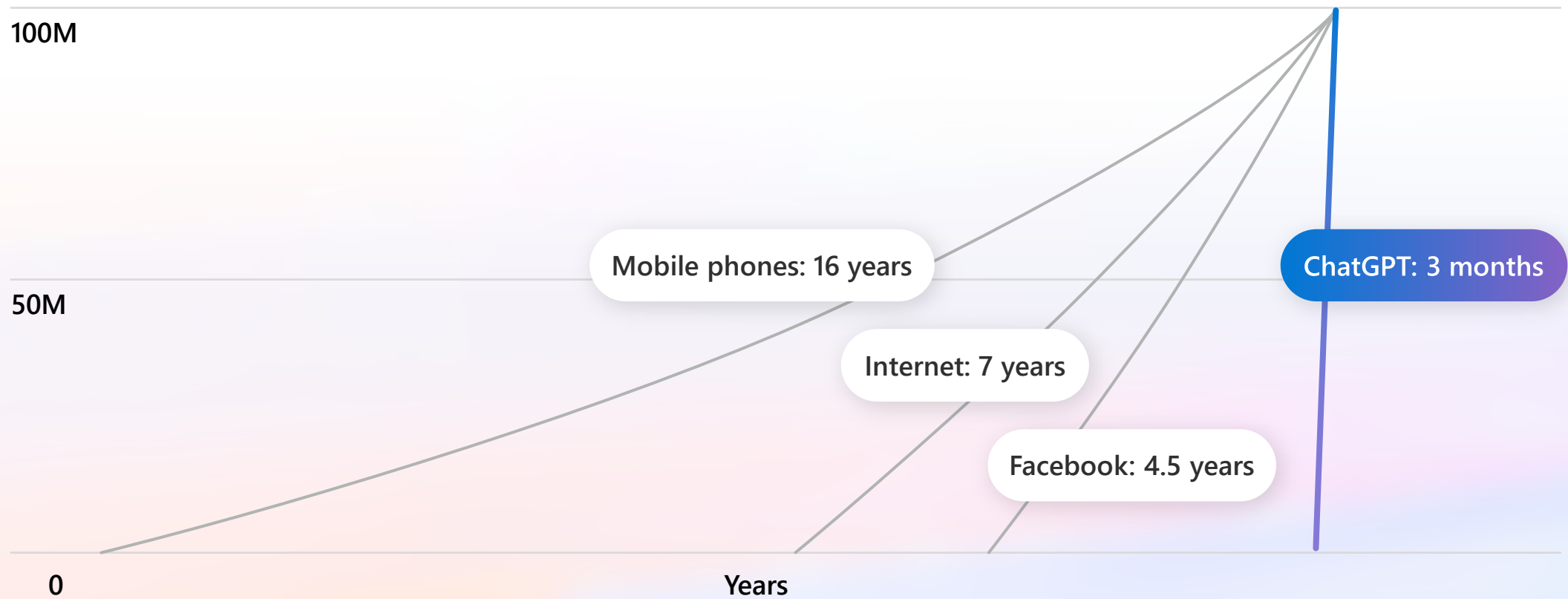


# Power your AI transformation in manufacturing

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# Generative AI technology is here

Time to reach 100M users



EM

write a poem about how generative AI will change business processes



Generative AI, a new dawn does bring,  
To business processes, it will cling.  
No more manual tasks, no more delays,  
Efficiency and speed, it surely pays.

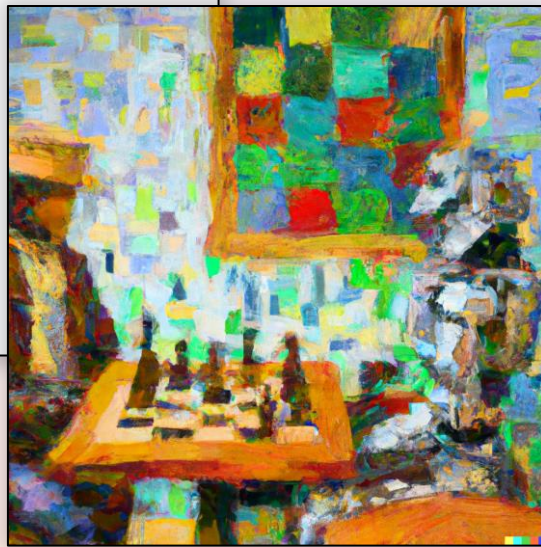
With algorithms so smart, it will design,  
Products, services, and streamline.  
Data analysis, predictions made,  
Decisions based on insights displayed.

From HR to marketing, to sales,  
Generative AI will raise the bar,  
New ideas, improved processes, it'll see,  
The future of business, it'll set free.

It's not just a tool, but a partner in crime,  
A source of innovation, in good time.  
No task too complex, no challenge too steep,  
Generative AI will help us leap.

A revolution in the making, it's clear,  
How generative AI will change the sphere.  
Of business, it will bring a new era,  
Of efficiency, profitability, no more a blur.

ChatGPT



DALL-E: Monet style painting of robot playing chess with human

# Meet the new AI

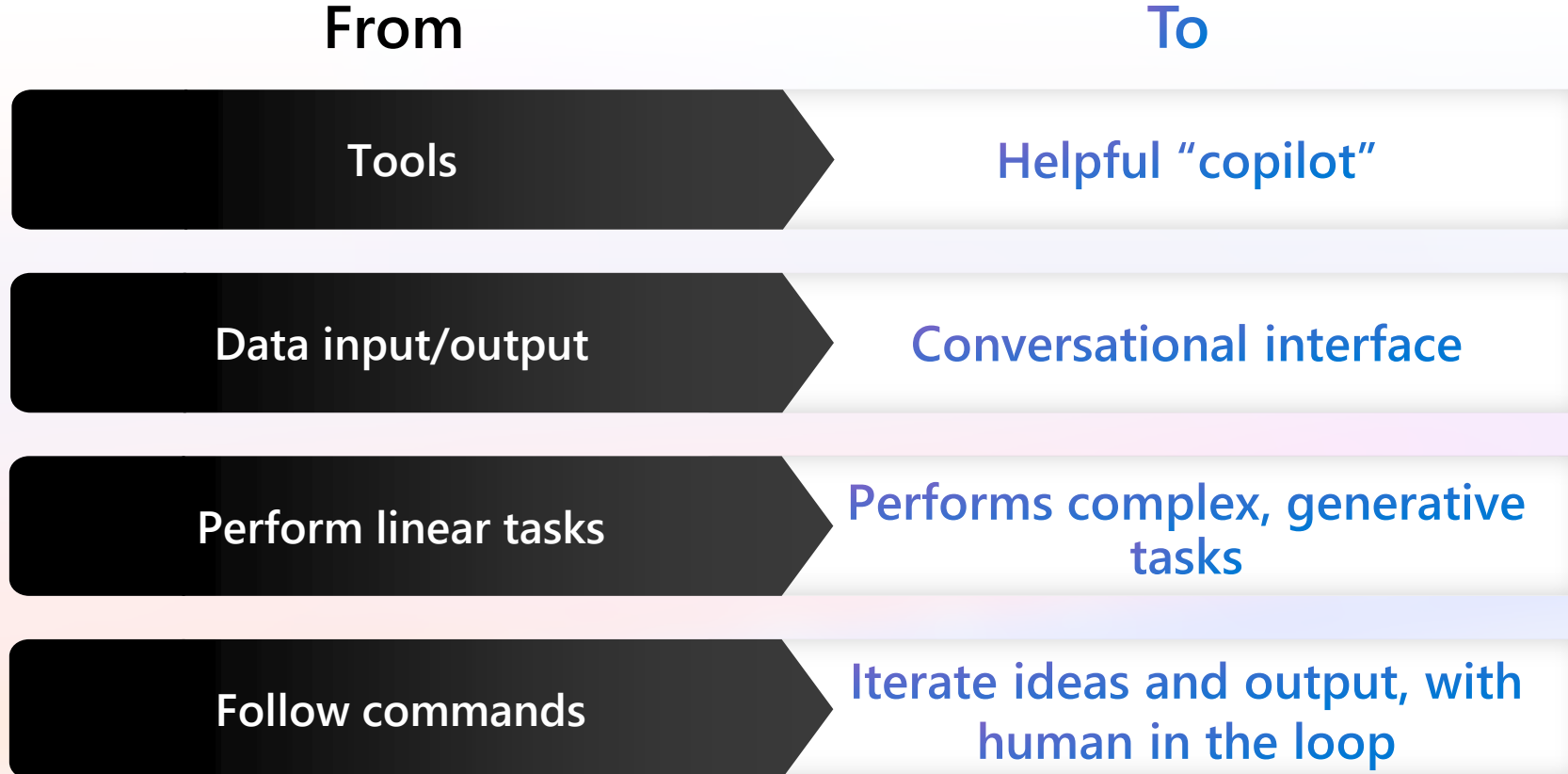
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- Speaks natural language
- Synthesizes large amount of data
- Creates original content
- Iterates ideas with human in the loop

# Era of the AI Copilot

Augmenting human productivity and ingenuity

## The role of technology





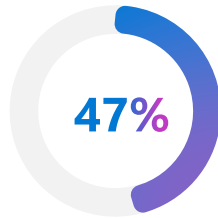
The next  
revolution in  
computing

93%

of companies believe AI will be a pivotal technology to drive growth and innovation in the manufacturing sector

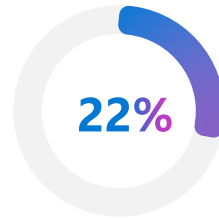
# High-priority manufacturing challenges

Aging workforce and loss of institutional knowledge



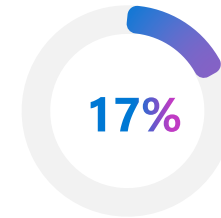
47% of manufacturing frontline workers say worker shortages are making it difficult to do their job.<sup>1</sup>

Complex and cumbersome knowledge repositories



22% of manufacturers cited 'lack of effective apps to process and make sense of data' as a challenge to scale data and analytics solutions within their plants and across networks.<sup>2</sup>

Barriers to accessing and acting on ERP/OT data



Only 17% of manufacturing executives claimed to have captured satisfactory value from data and analytics.<sup>2</sup>

# Employees are ready to embrace AI

64%

Employees lack time & energy to do their job

3.5X

More likely to struggle with strategic thinking

70%

Employees willing to delegate work to AI

60%

of leaders say a lack of innovation is a concern



# What every employee wants from AI



Finding info  
and answers



Summarizing meetings  
and action items



Creative  
work



Analytical work



Planning their day



Admin tasks

**AI will reinvent the  
Manufacturing industry**

# Top use cases for generative AI in Manufacturing

Knowledge  
discovery at  
scale

Product  
design cycle  
acceleration

Root cause  
analysis

Smart factory  
operations

Worker  
onboarding  
and upskilling

Automated  
EHS protocols

Supply chain  
optimization

Streamlined  
legal, HR, and  
IT processes

Targeted  
marketing  
content  
generation

Personalized  
customer  
experiences

# What can AI do for **you**?



GM developers use GitHub Copilot to get "98% of the way" towards complete code

**Panasonic**

Panasonic Connect use Azure OpenAI Service to condense sentiment analysis from 1 week to 1 hour



Mercedes-Benz pioneers in-car voice control for 900,000 vehicles by integrating ChatGPT via Azure OpenAI Service

The potential of AI is clear...  
the question is **what will you build?**

