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# Existential threat or massive benefit?

How advances in AI could impact program management...

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**NDIA**

# Agenda



- AI “in the news”
- Program delivery challenges (or are they opportunities?)
- A framework for thinking about how AI can impact the enterprise
- Specific examples of AI applied to program management
- Where do we go from here?



# AI is a hot topic

- Chat GPT fastest product to 1M users in history

## ChatGPT Sprints to One Million Users

Time it took for selected online services to reach one million users



\* one million backers \*\* one million nights booked \*\*\* one million downloads

Source: Company announcements via Business Insider/LinkedIn



statista

# OK, Computer

Welcome to  
the AI revolution,  
Silicon Valley's  
latest world-changing  
obsession



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- Oracle's best quarter ever helped by...AI

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TECHNOLOGY | EARNINGS REPORT

## Oracle Stock Extends Its Rally. Earnings Got a Boost From AI.

By Eric J. Savitz [Follow](#) Updated June 12, 2023 6:00 pm ET / Original June 12, 2023 1:00 am ET

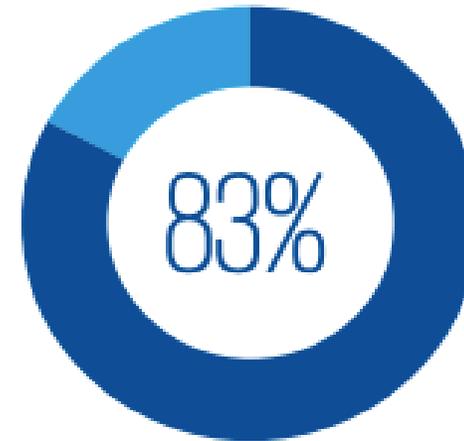
***“Oracle’s Gen2 Cloud has quickly become the number 1 choice for running Generative AI workloads,”***

*Oracle Chairman and CTO, Larry Ellison, Q4 FY23 Results*

## AI is a hot topic

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- Making the cover of business week: Will it kill us all?
- Oracle's best quarter ever thanks to... AI
- And... engineering executives are focused on it...

**Figure 9: Industry executives' perception of the future landscape (within 5 years)**



Feel organizations will be data-driven, including routine use of data analytics and predictive modeling for project planning and monitoring



Our mission is to help people see  
data in new ways, discover insights,  
unlock endless possibilities.



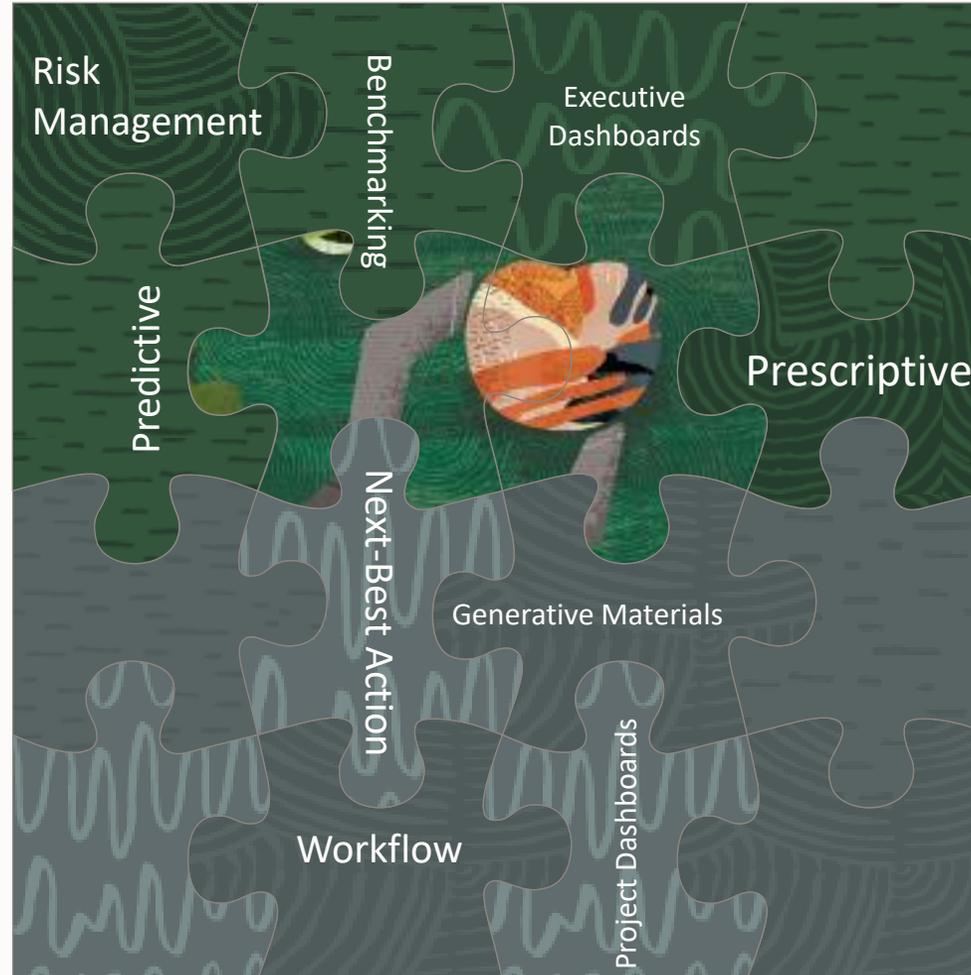
**Wow, well maybe AI can help...**

But what is “AI” for the enterprise?



# Well, AI isn't just one thing...

There are many uses...

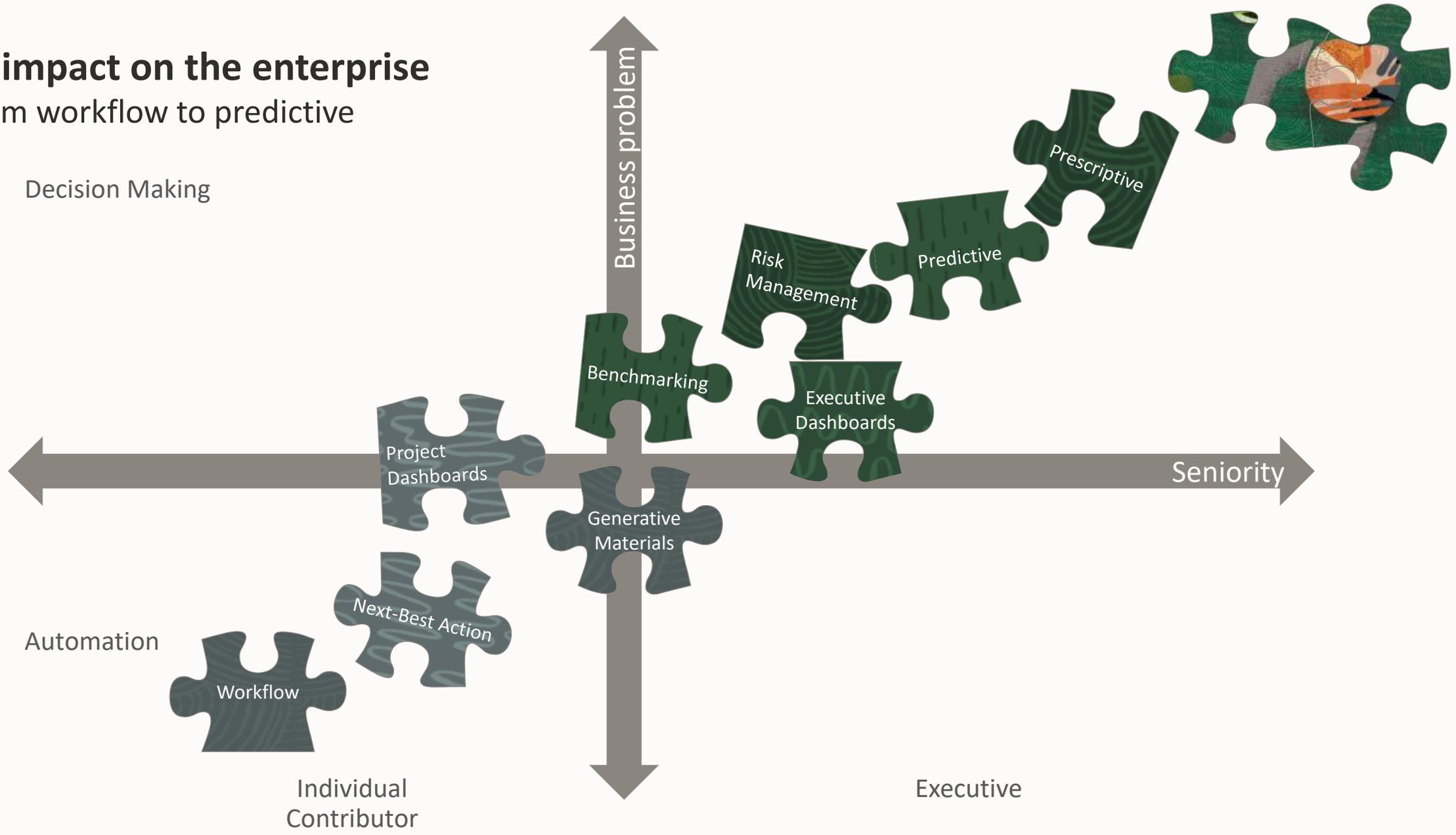


And underlying technologies enabling them:

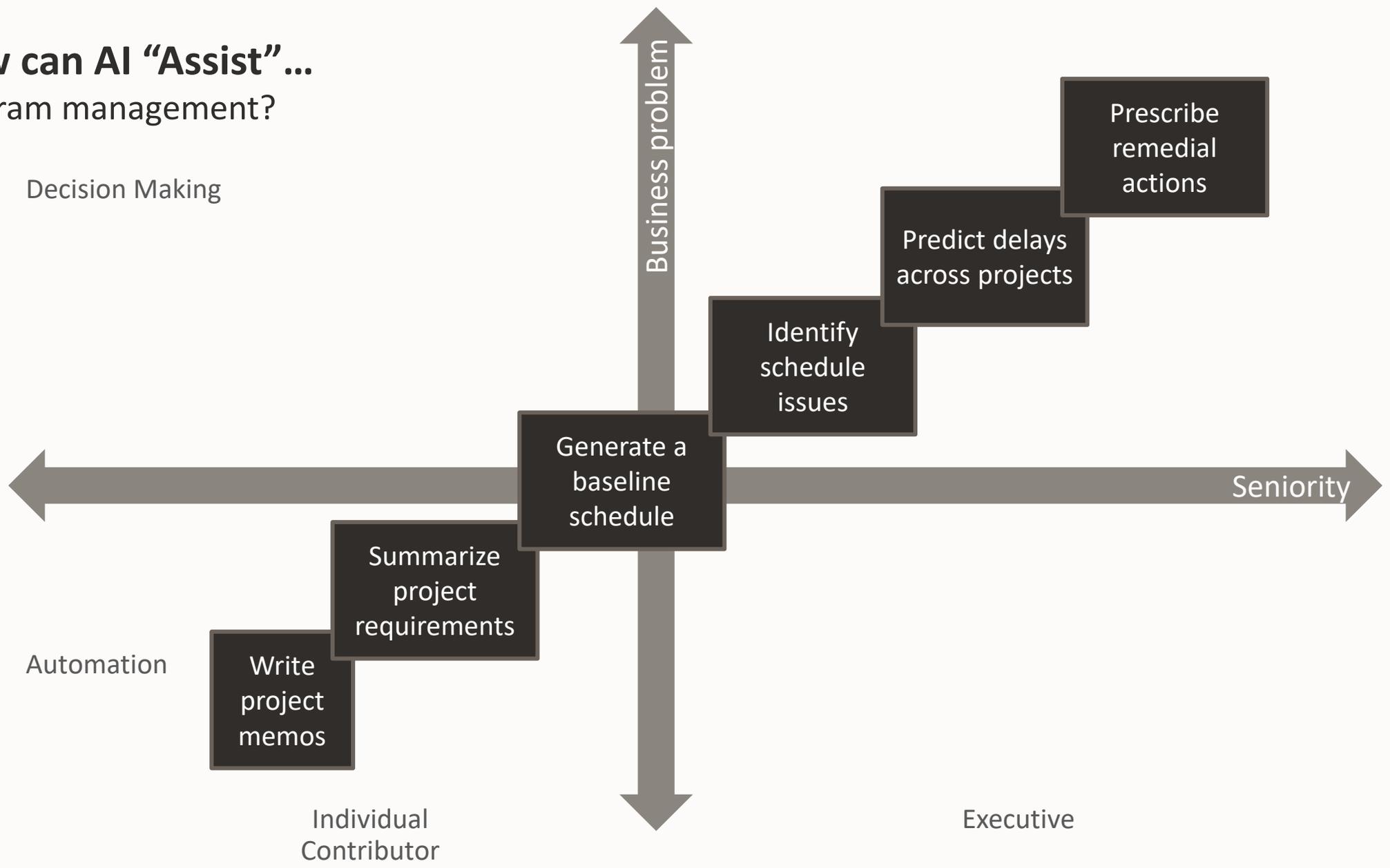
- Speech & “sound” recognition
- Image recognition
- Natural language processing (NLP)
- Predictive analytics frameworks
- And...
- Generative AI (LLMs)



# AI's impact on the enterprise is from workflow to predictive



# How can AI “Assist” ... Program management?



# But is AI an existential threat?

Well... let's ask AI, is it a Chihuahua or a Muffin?



Source: <https://www.metamaven.com/chihuahua-vs-muffin-comparison-computer-vision-apis/>



## Yes, but AI beats humans at specific tasks!

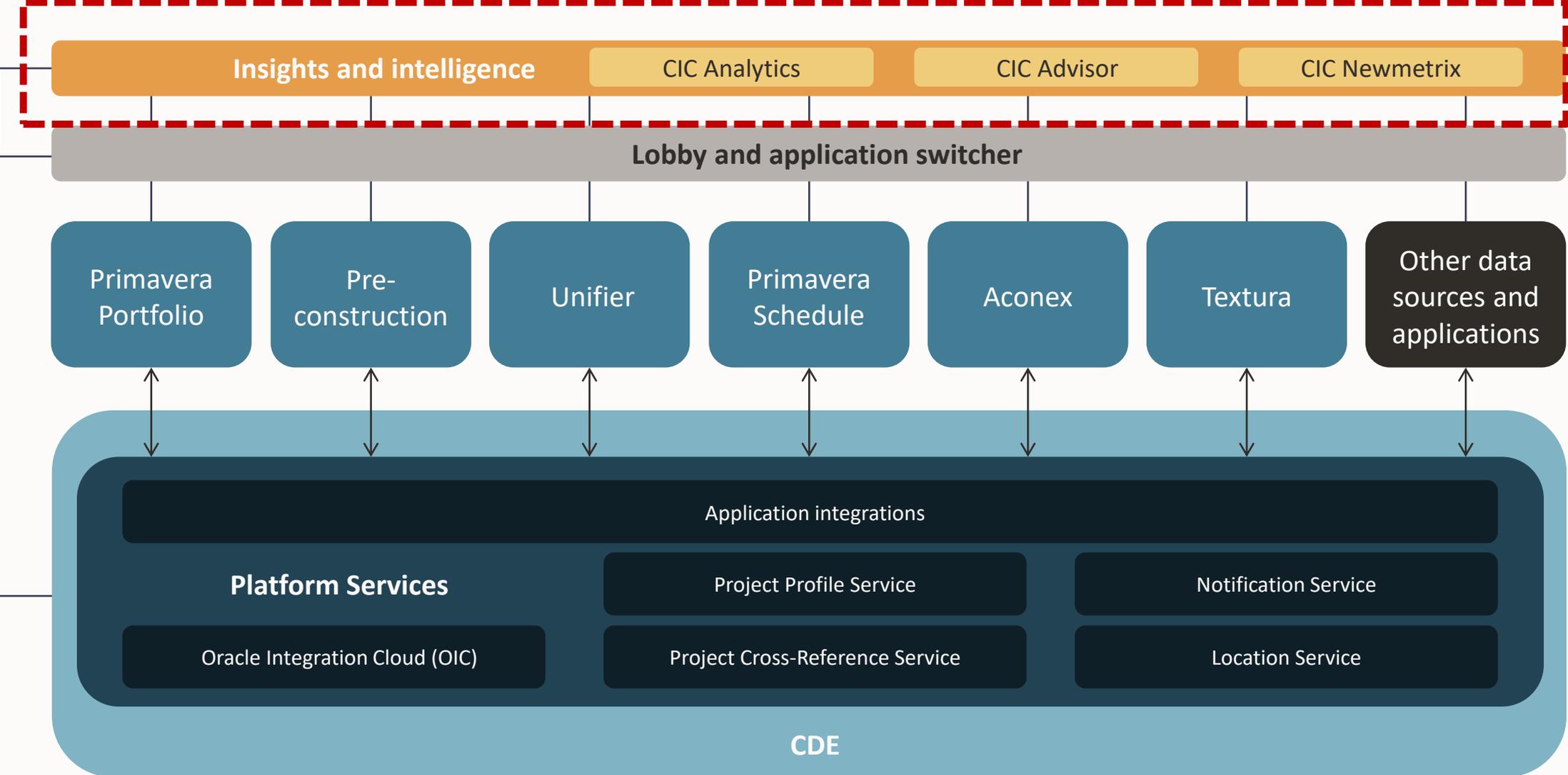
Let's look at chess... Grandmasters + AI beat AI alone

*After chess-playing AI programs became widely available, the combination of humans and chess-playing programs performed better than either did individually.*

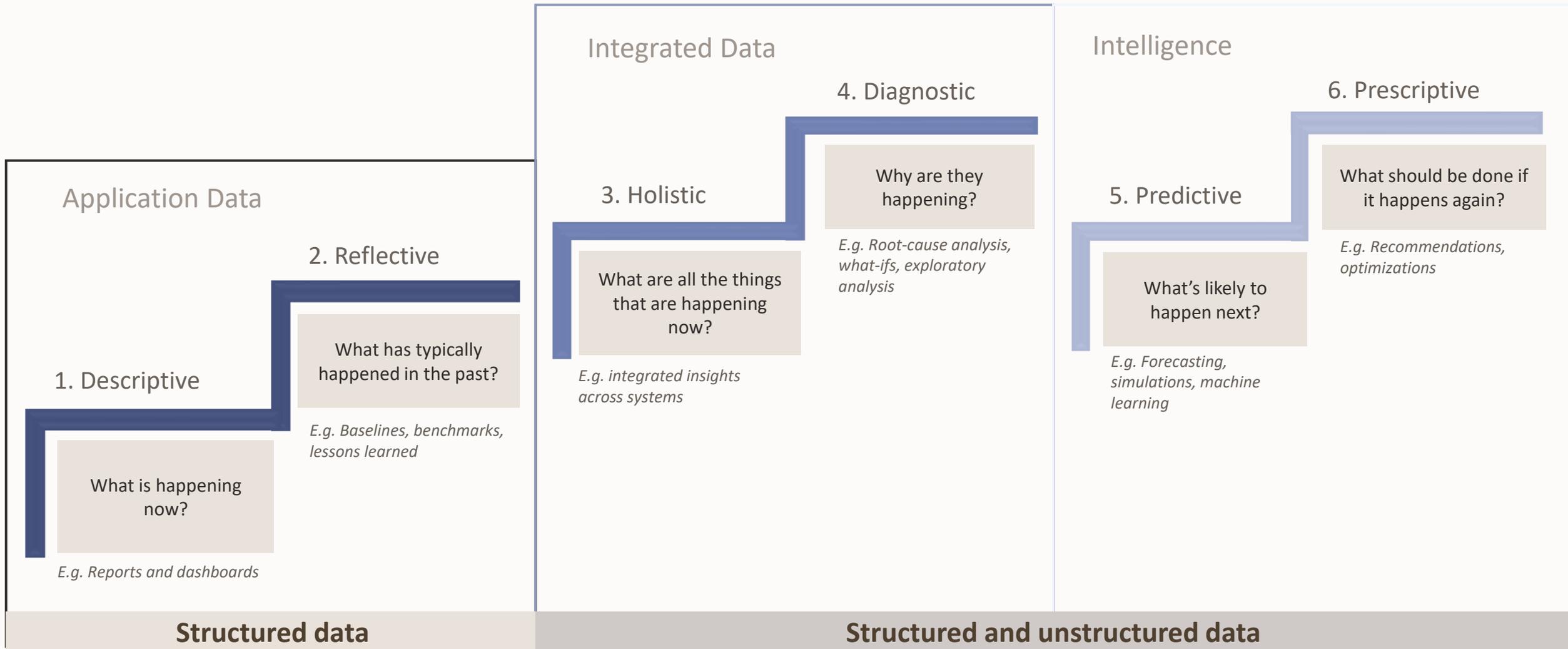
[Forbes, 1/7/2022: Why Computer-Assisted Humans Are The Best Chess Players And What That Means For Technology Operations](#)



# Our approach: the Oracle Smart Construction Platform

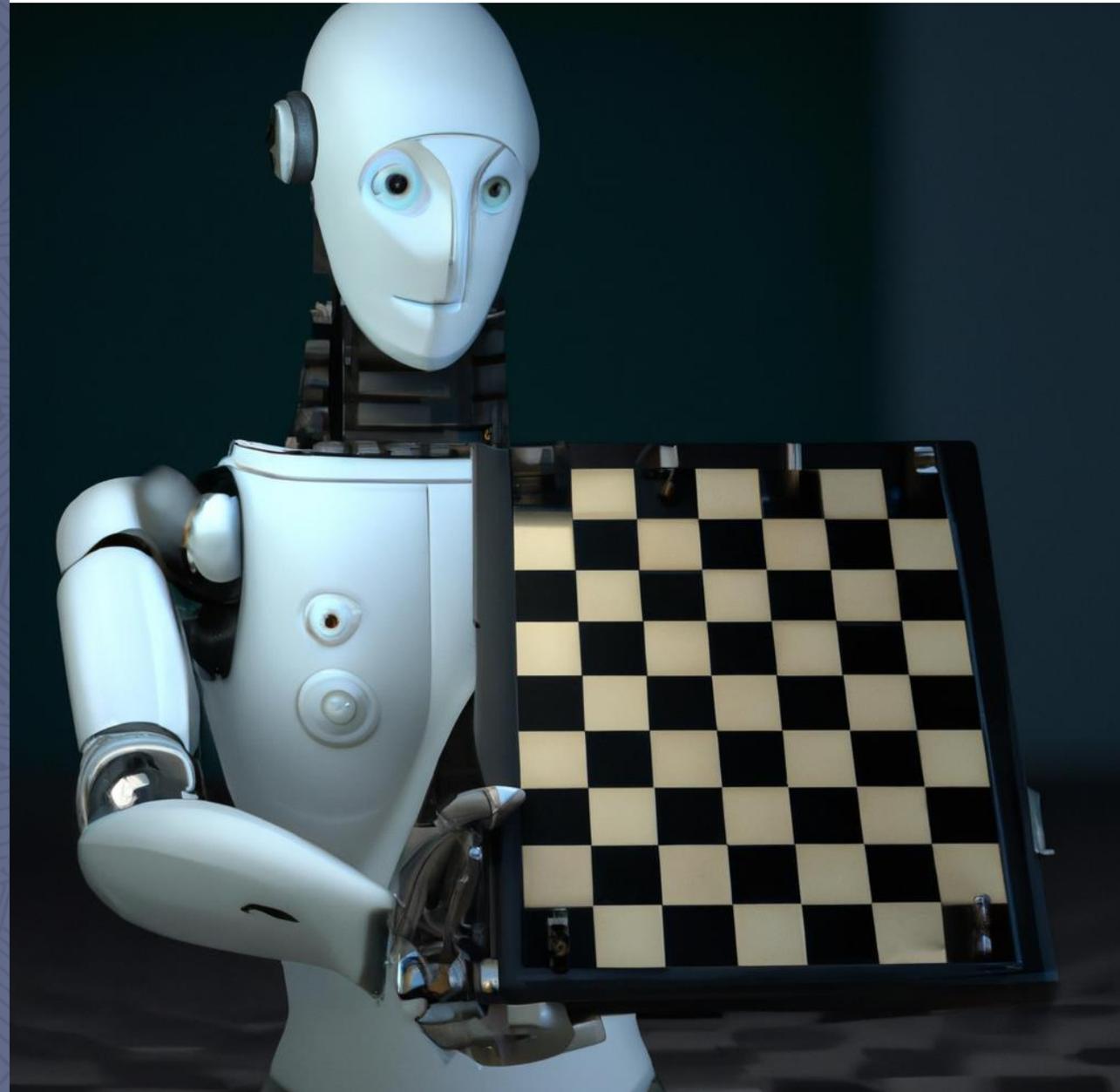


# The Data and Intelligence Journey: Where are you?



## Threat or AI assistant?

Prompt to AI image generator  
*a photo realistic rendering of friendly looking AI powered  
robot looking helpful holding a chess board*



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