



Gartner Webinars

Gartner delivers actionable, objective insight, guidance and tools to enable stronger performance on your organization's mission critical priorities

Gartner®

Enhance your webinar experience



**Ask a
Question**



**Download
Attachments**



**Watch
Again**

The Gartner Hype Cycle for Generative AI

  Connect with Gartner



Arun Chandrasekaran

Distinguished VP Analyst



Leinar Ramos

Sr Director Analyst



Key Issues

1. What is the current state of generative AI?
2. What are the key technologies and techniques enabling generative AI?

Generative AI — Evolution or Revolution



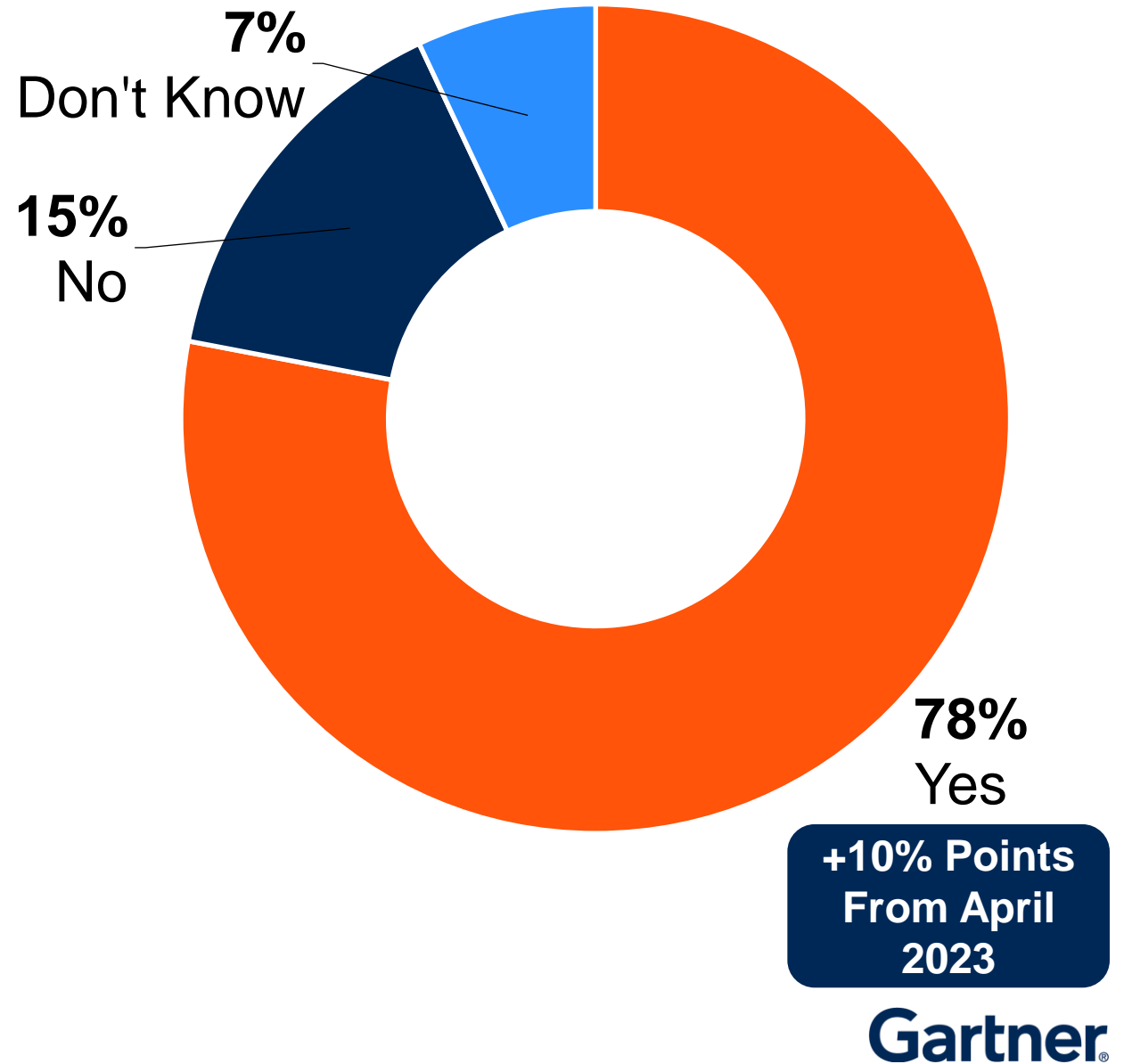
Stochastic
Parrot?

Or

Birth
of AGI?



Executive Views on Risks vs. Benefits of Generative AI

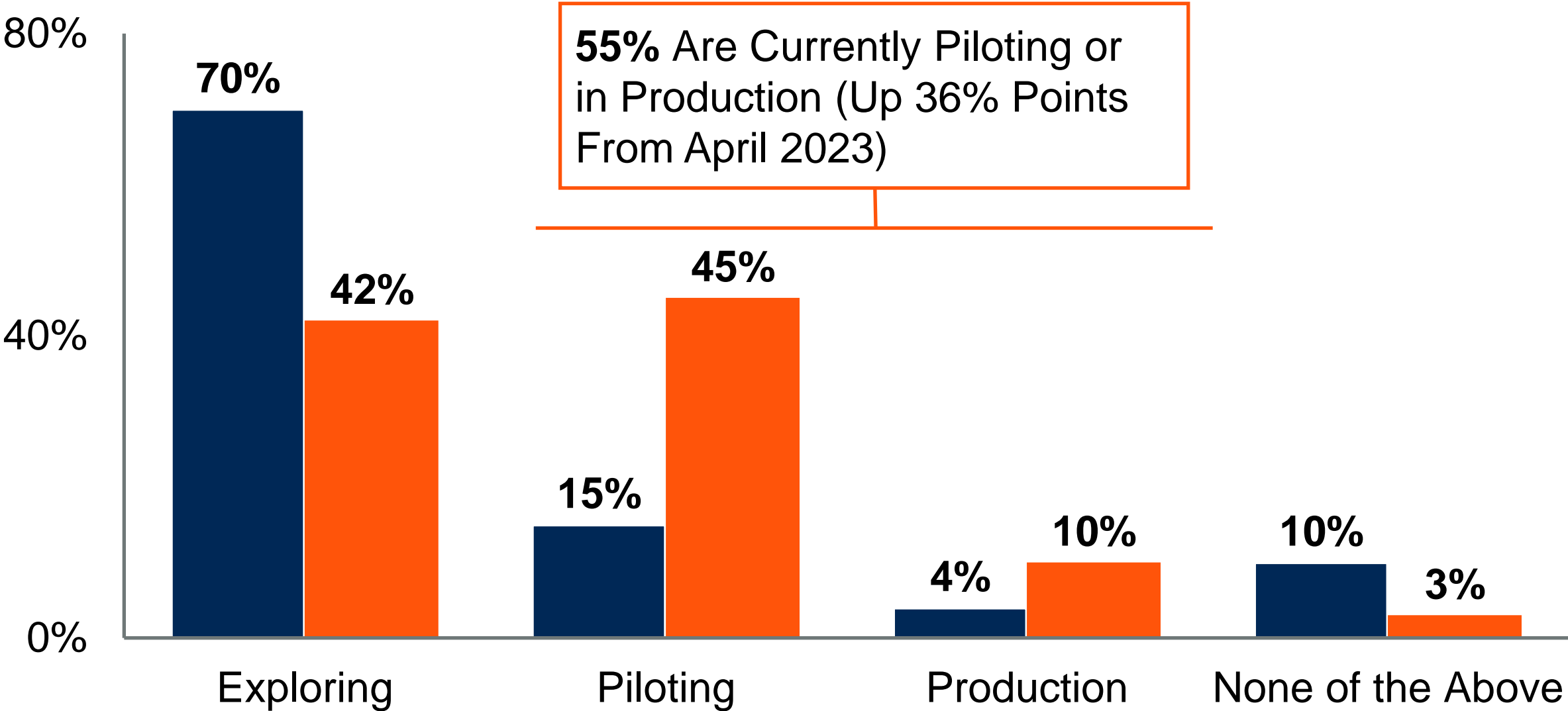


n = 1,419

Q: Do you believe the benefits of generative AI outweigh its risks?

Source: September 2023 Gartner IT Executives Webinar Poll

Generative AI Adoption



n = 2,554 (April'2023); n = 1,1419 (September 2023) ; Gartner IT Executives Webinar Poll

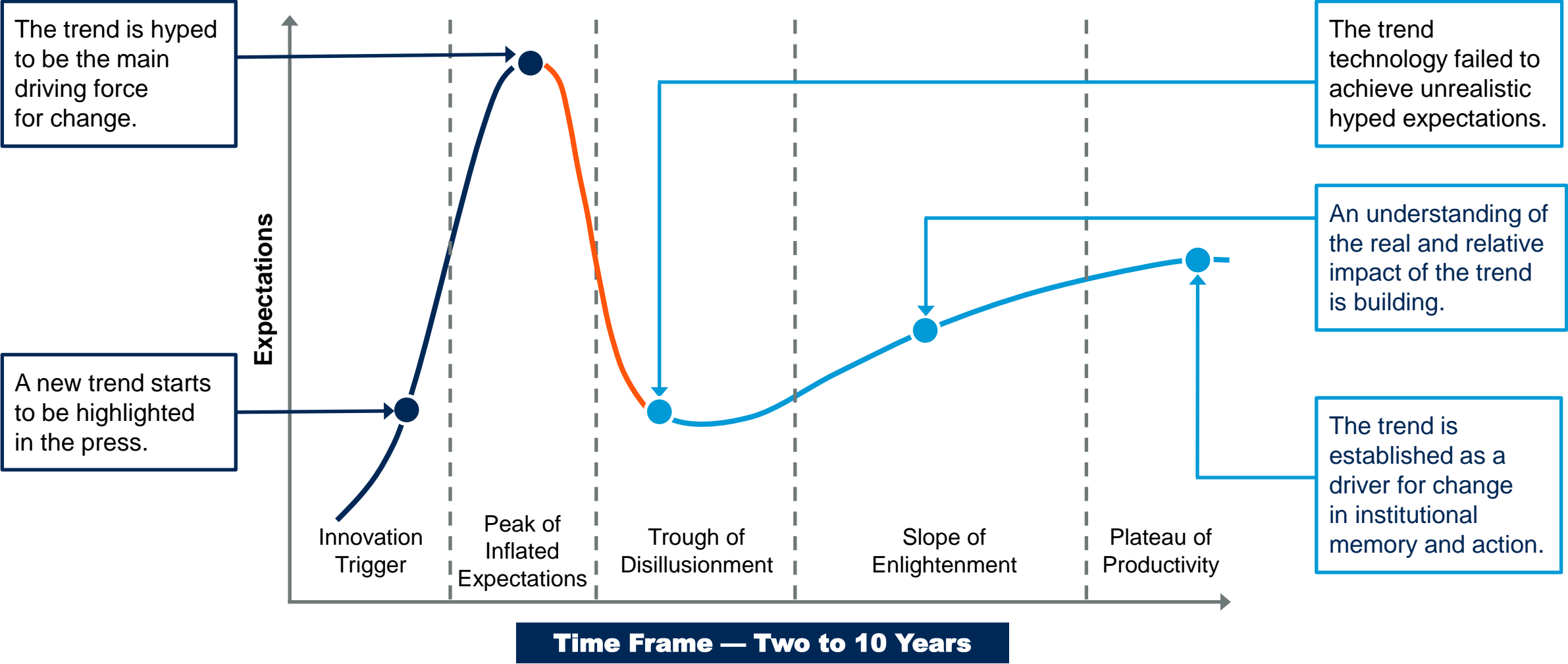
“We tend to **overestimate the effect of a technology in the short run and **underestimate** the effect in the long run”**

Amara's Law

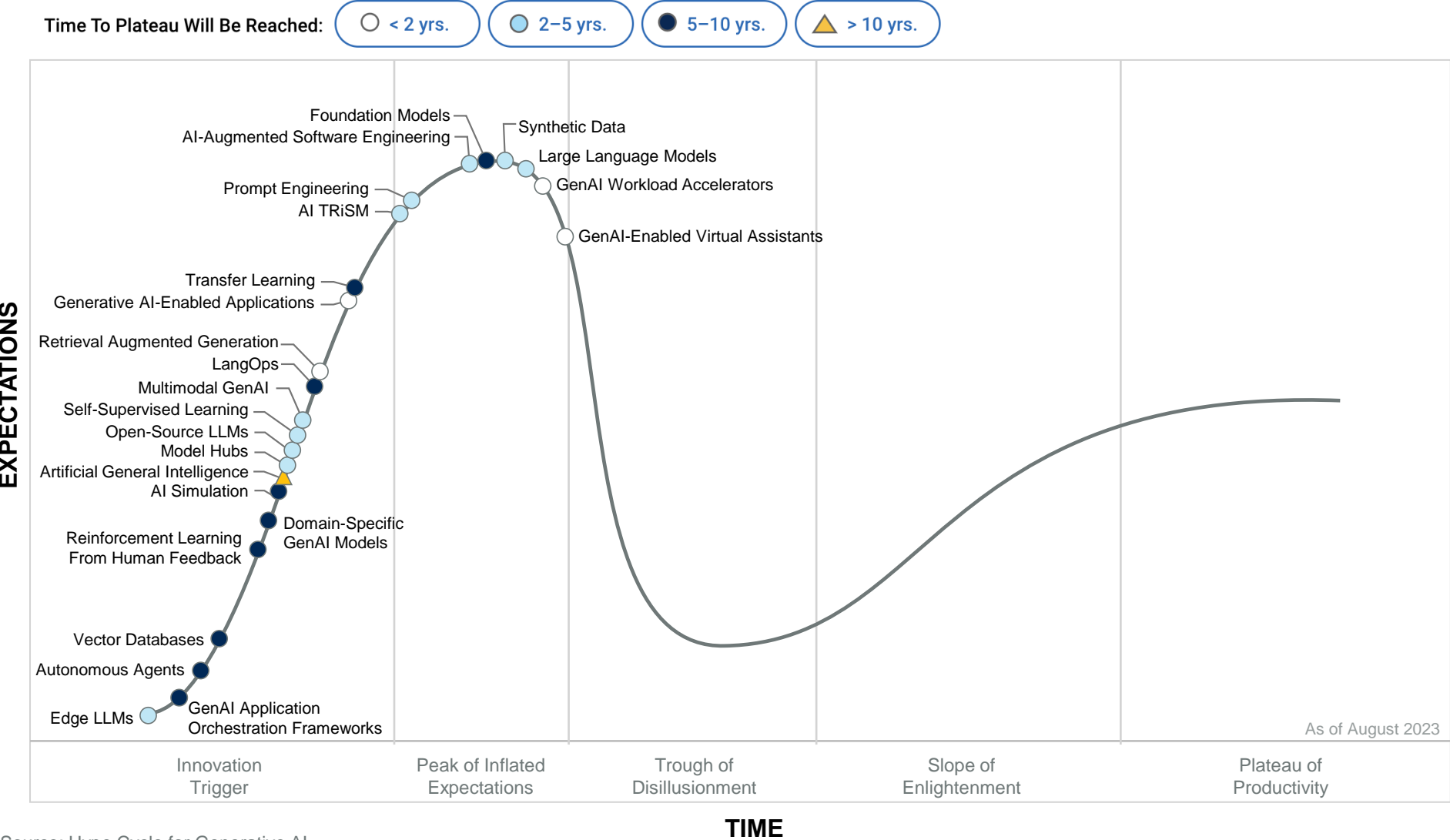
Key Issues

1. What is the current state of generative AI?
2. What are the key technologies and techniques enabling generative AI?

Explaining the Hype Cycle Stages

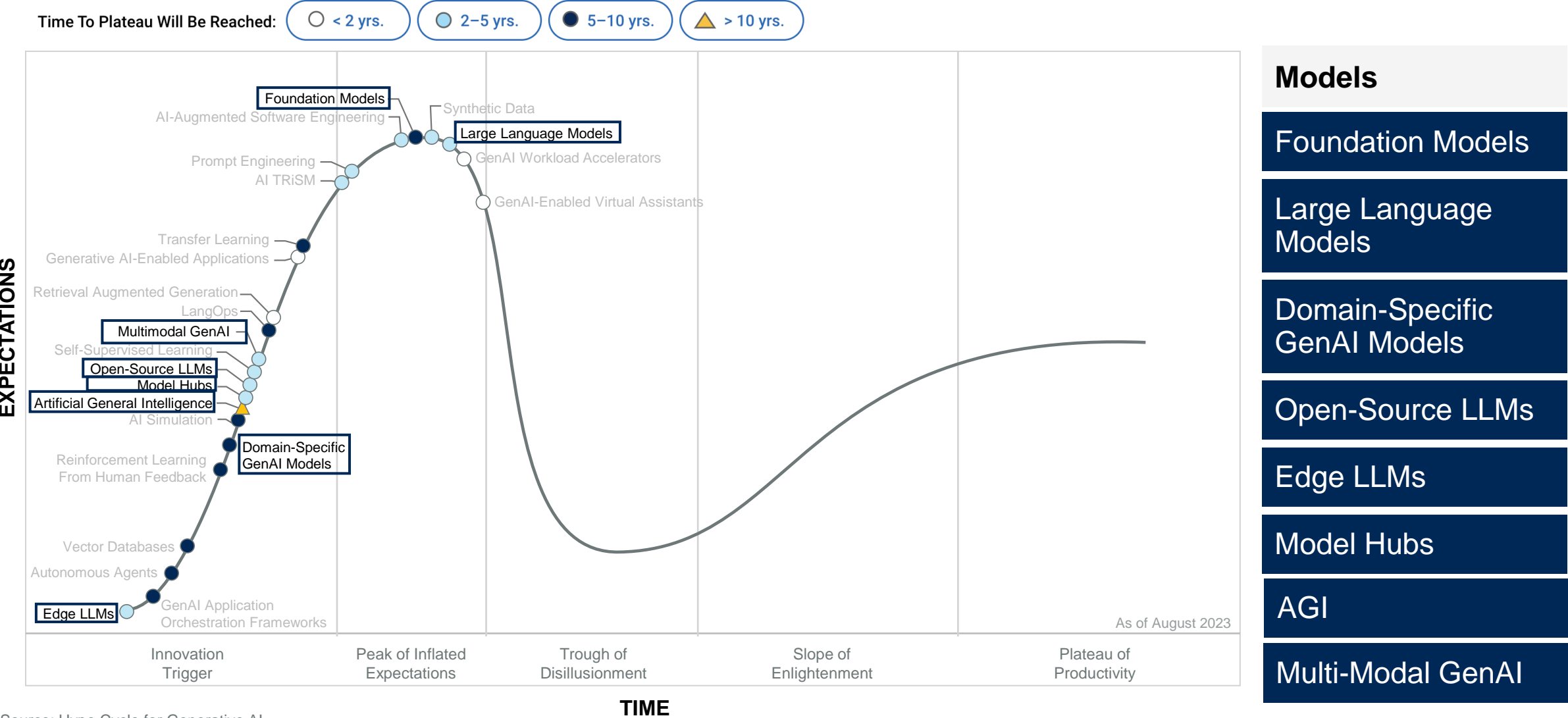


Hype Cycle for Generative AI



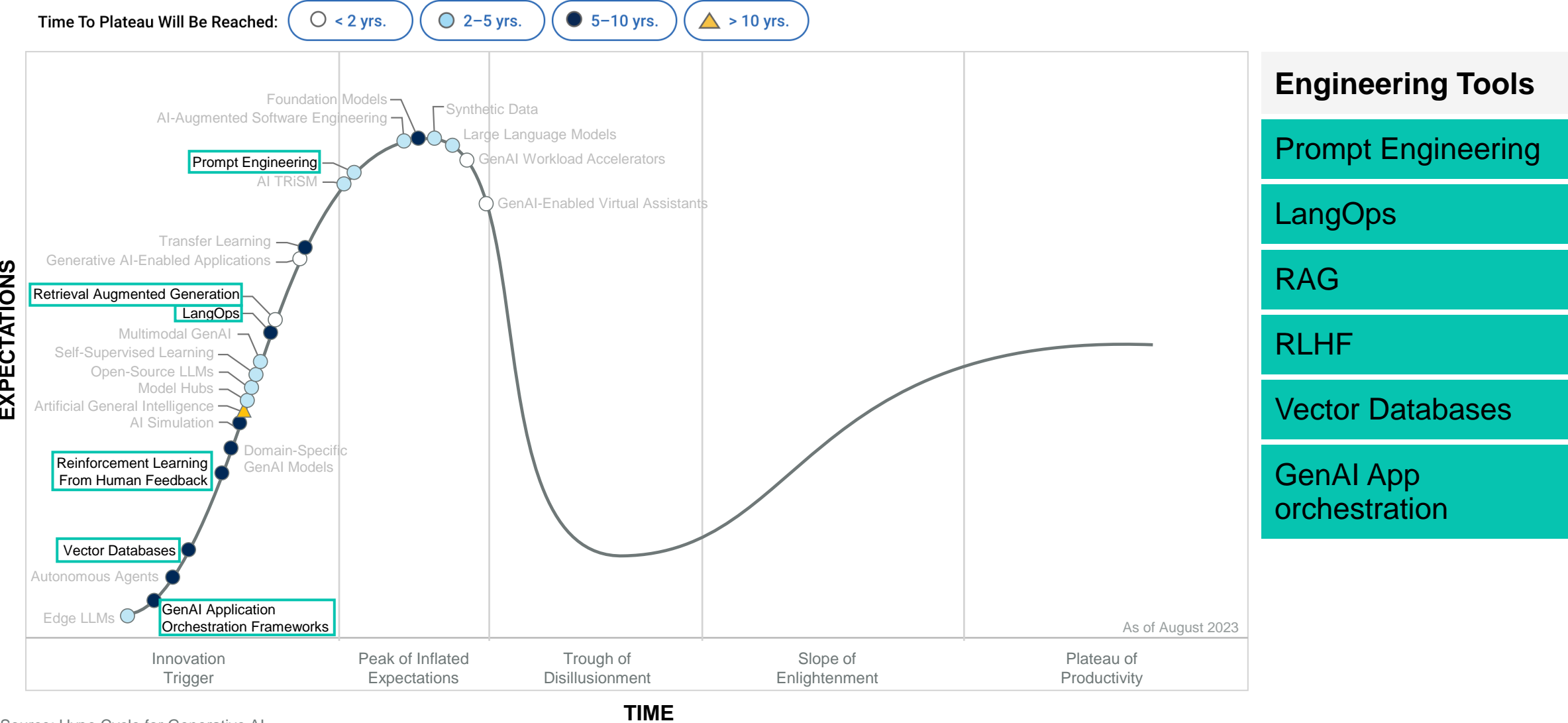
Source: Hype Cycle for Generative AI

GenAI: Models



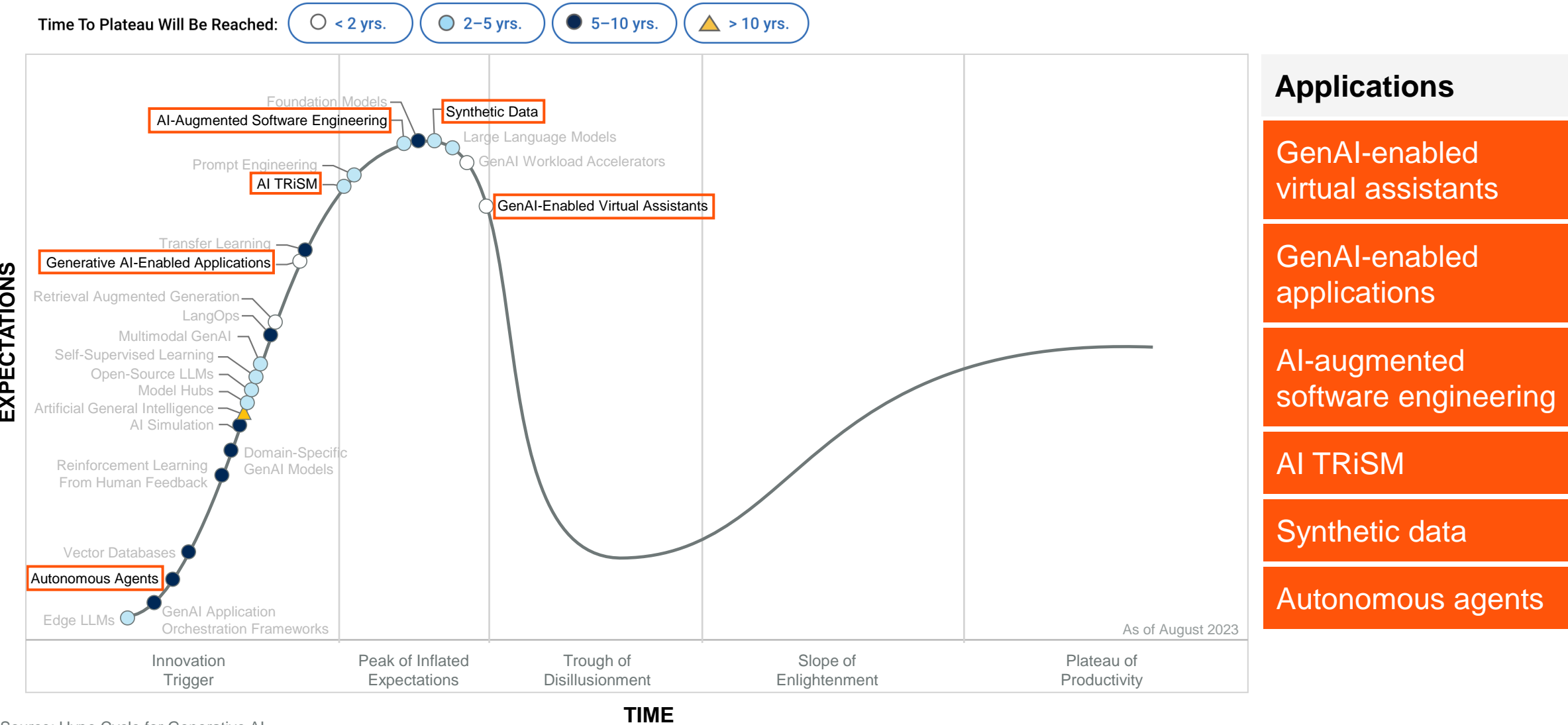
Source: Hype Cycle for Generative AI

GenAI: Engineering Tools



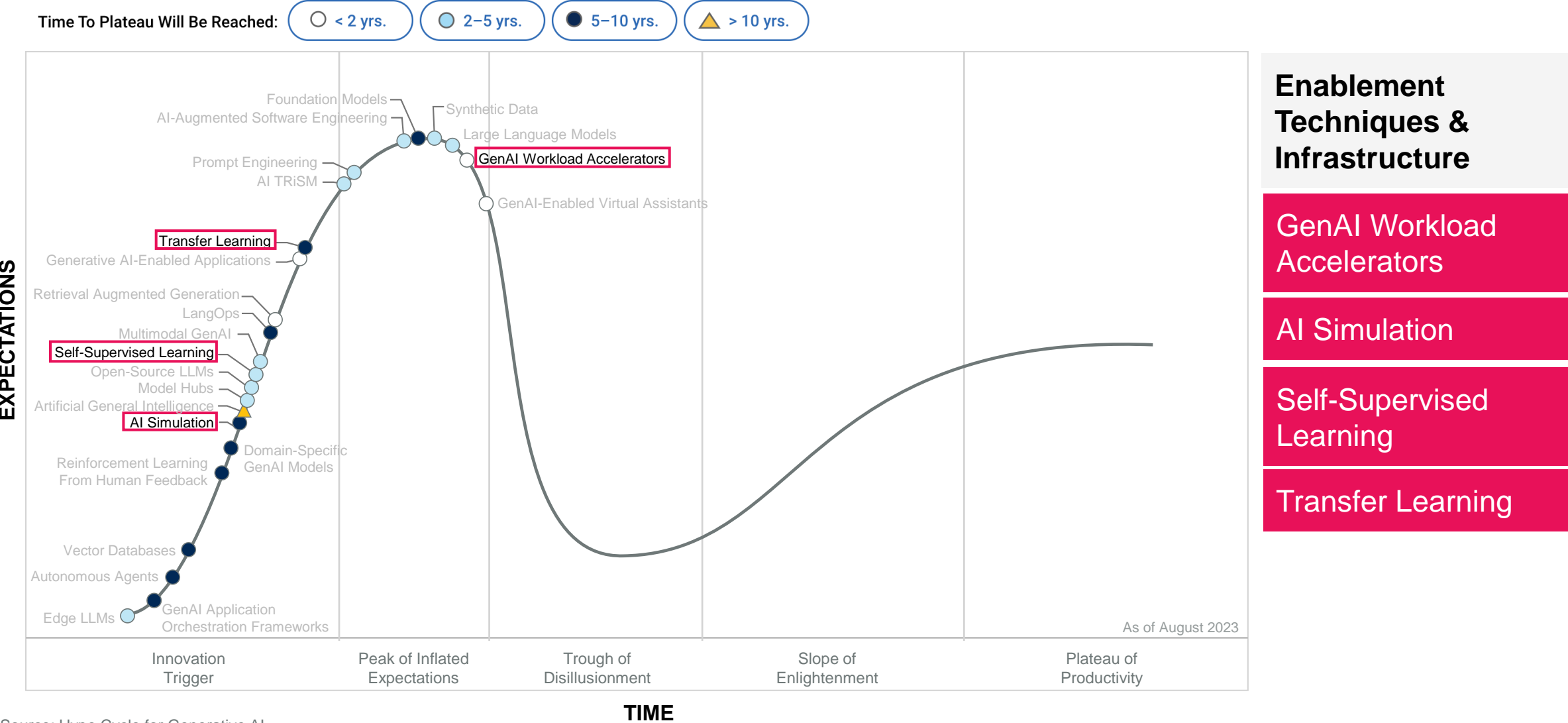
Source: Hype Cycle for Generative AI

GenAI: Applications



Source: Hype Cycle for Generative AI

GenAI: Enablement Techniques & Infrastructure



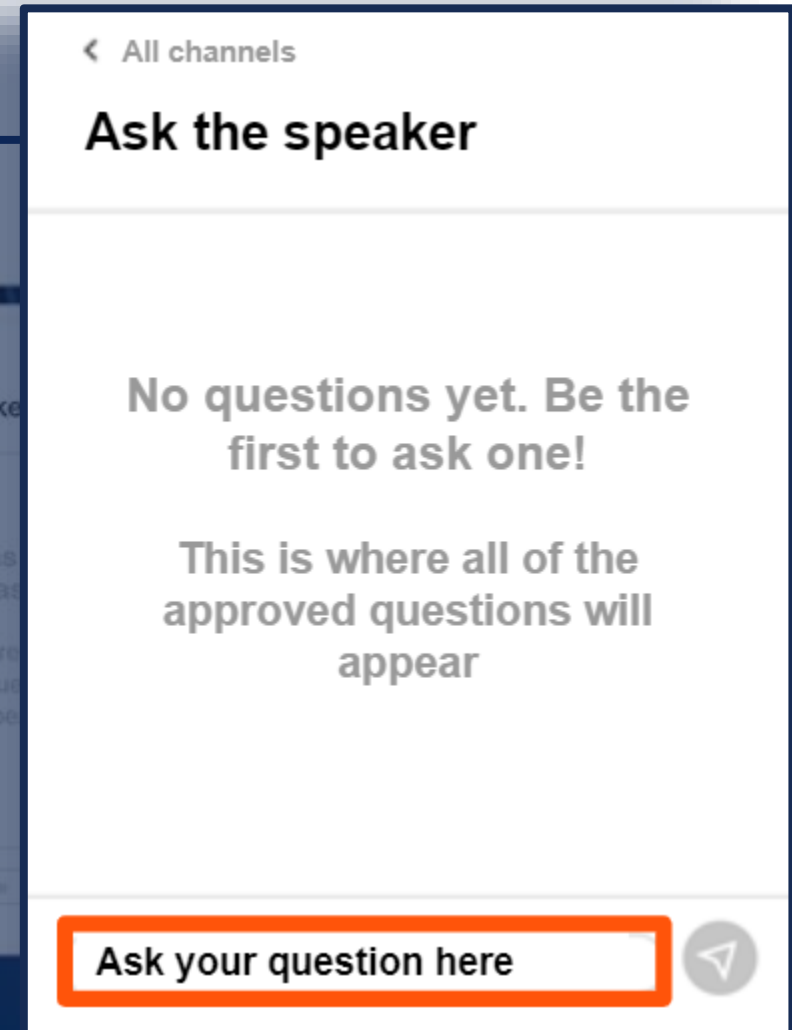
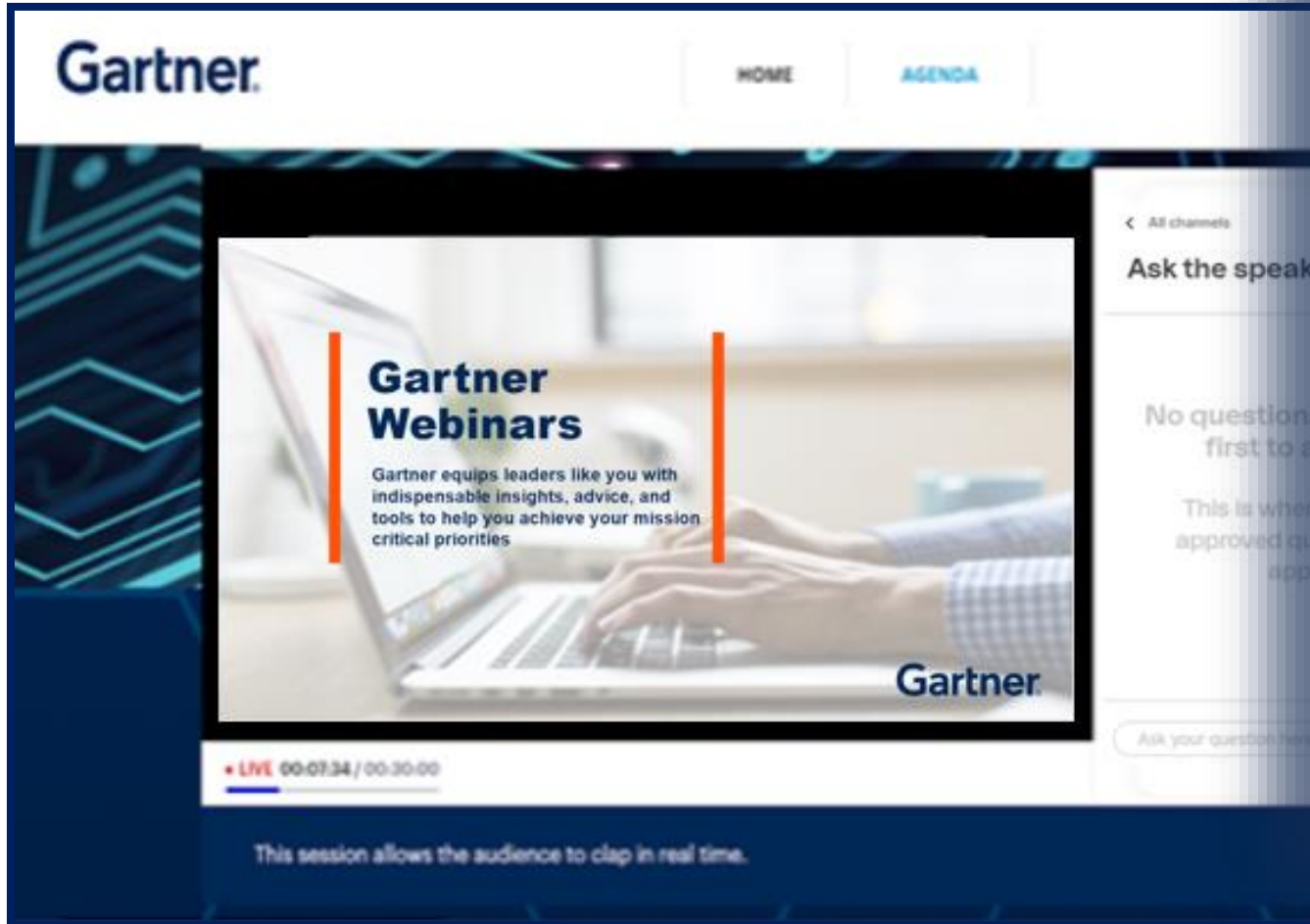
Source: Hype Cycle for Generative AI

Priority Matrix for Generative AI

Benefit	Years to Mainstream Adoption			
	Less Than 2 Years	2 - 5 Years	5 - 10 Years	More Than 10 Years
Transformational		<ul style="list-style-type: none">• AI-Augmented Software Engineering• Large Language Models• Multimodal GenAI• Self-Supervised Learning	<ul style="list-style-type: none">• Autonomous Agents• Foundation Models	<ul style="list-style-type: none">• Artificial General Intelligence
High	<ul style="list-style-type: none">• GenAI-Enabled Virtual Assistants• GenAI Workload Accelerators• Generative AI-Enabled Applications• Retrieval Augmented Generation	<ul style="list-style-type: none">• AI TRiSM• Edge LLMs• Model Hubs• Open-Source LLMs• Prompt Engineering• Synthetic Data	<ul style="list-style-type: none">• AI Simulation• Domain-Specific GenAI Models• GenAI Application Orchestration Frameworks• LangOps• Reinforcement Learning From Human Feedback• Transfer Learning• Vector Databases	
Moderate				
Low				

Source: Hype Cycle for Generative AI

Ask the speaker



Gartner IT Symposium | XPO

9 - 11 September 2024 | Gold Coast, Australia
21 – 24 October 2024 | Orlando, FL
4 – 7 November 2024 | Barcelona, Spain

In an era of continual disruption, the role of CIO is evolving rapidly. CIOs must amplify their impact to lead IT beyond the function, partnering with C-suite peers to accelerate digital business models, enable the future of work and drive business growth. Join us at our CIO conferences to discover world-class insights to help you drive your mission-critical priorities.

Learn more: gartner.com/conf/cio

#GartnerSYM

The World's Most Important Gathering of CIOs and IT Executives™

At this year's conference, you'll learn:



Discover tools and techniques to enhance your IT and business strategies



Examine the opportunities and risks in adopting emerging and innovative technologies



Challenge how you think about leadership and discover new approaches to lead

Emerging Tech Impact Radar: 2023

Explore the technologies with the most potential to disrupt.

[Learn More](#)



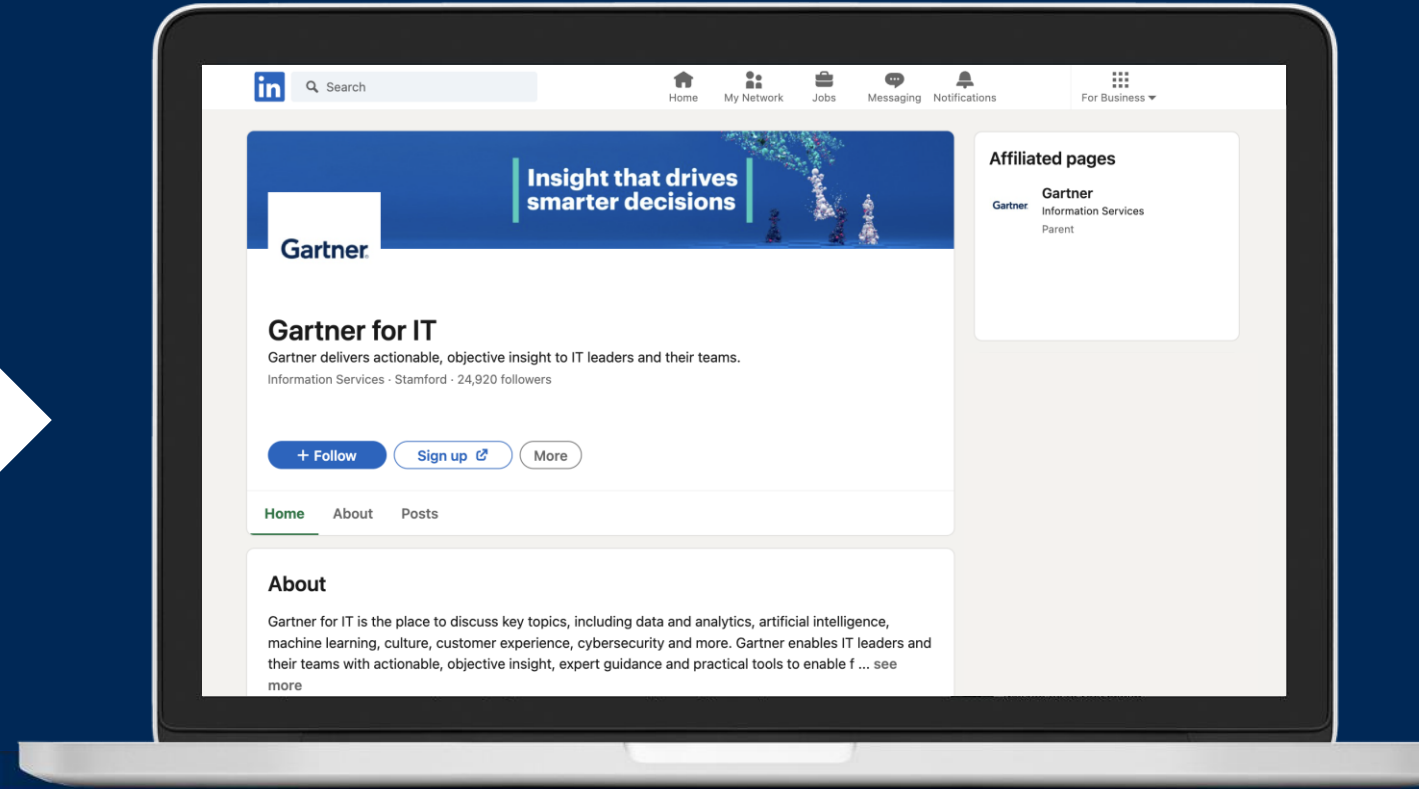
Gartner for IT on social media

Want to stay in-the-know? Connect with us on LinkedIn and Twitter to receive the latest Gartner IT insights and updates across research, events and more. It's all curated specifically for IT leaders and decision-makers.

Follow us on



Looking for insights delivered to your inbox?
Subscribe to our



Become a Client

Clients receive 24/7 access to proven management and technology research, expert advice, benchmarks, diagnostics and more.

Fill out the form to connect with a representative and learn more.

[Learn More](#)

Or give us a call: **+441784614280 | +1 855 637 0291**

8 a.m. – 7 p.m. ET

8 a.m. – 5 p.m. GMT

Monday through Friday

Get more Gartner insights



Download the research slides




**View upcoming and on-demand Gartner webinars
at gartner.com/webinars**




Rate this session

Rate this session

Rate Session




RATE THIS SESSION (1-5)




LEAVE FURTHER FEEDBACK

I loved the speaker's insight on this topic!




Cancel

SEND



[HOME](#)
[AGENDA](#)



Gartner Webinars

Gartner equips leaders like you with indispensable insights, advice, and tools to help you achieve your mission critical priorities.

LIVE 00:32:32 / 01:00:00


← All channels

Ask the speaker

No questions yet. Be the first to ask one!

This is where all of the approved questions will appear

Ask your question here



☆ Interested

• LIVE
Tue Nov 15, 11:00 AM - 12:00 PM EST (1 Hour)

The Future of Cloud in 2027: From Technology to Business Innovation

As cloud computing evolves from technology enabler to business disruptor, IT leaders must ensure they understand their organization's business strategy. Only then can they seek opportunities to leverage new and emerging cloud capabilities to accelerate that strategy. This free webinar reveals Gartner's top predictions for where cloud computing will be by 2027, and explores how these predictions will shape your cloud value proposition.

- Explore what cloud computing will look like in 2027
- Discover how multi-cloud and cloud native can affect organizations' cloud efforts
- Ensure a successful cloud journey for your organization

Return to this web page to watch this webinar. Contact us at gartnerwebinars@gartner.com with questions about viewing this webinar.

Rate Session ☆☆☆☆☆

Speakers