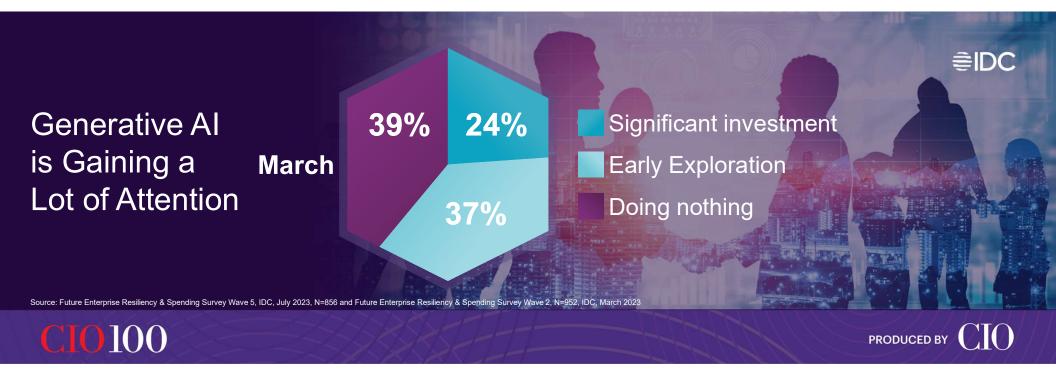


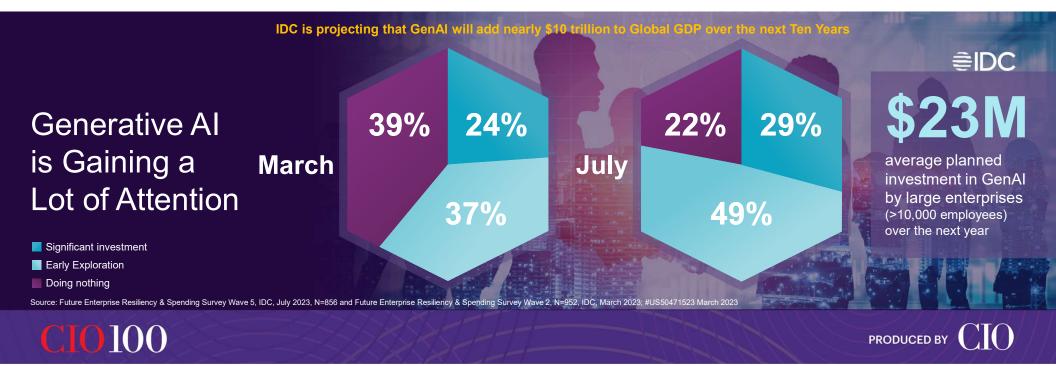
# Generative AI: Preparing for the Long-Term Impact

### Ritu Jyoti

GVP, AI and Automation Market Research and Advisory Services, Global AI Research Lead, IDC

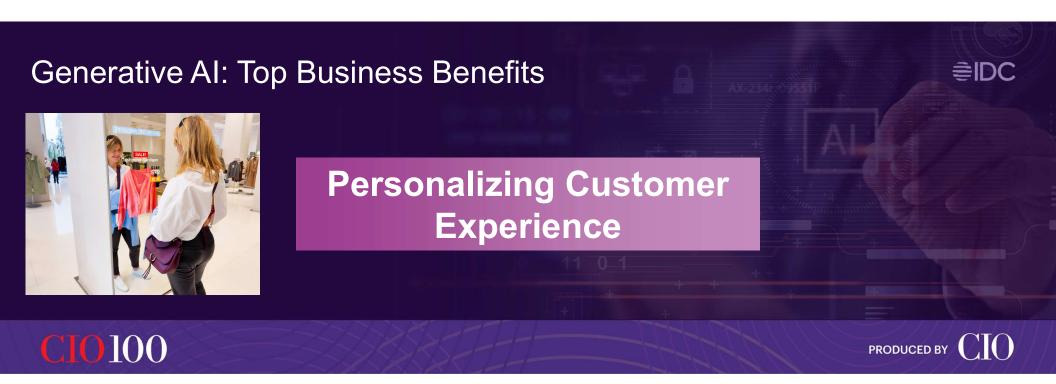
















## Generative AI: Top Business Benefits











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CarMax drives business value with GPT-3.5 to help make buying a used car "effortless."

CARMAX<sup>®</sup>

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General Motors uses generative AI technology for product development, dev tool chain optimization and driver experience.



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## **Case Studies**

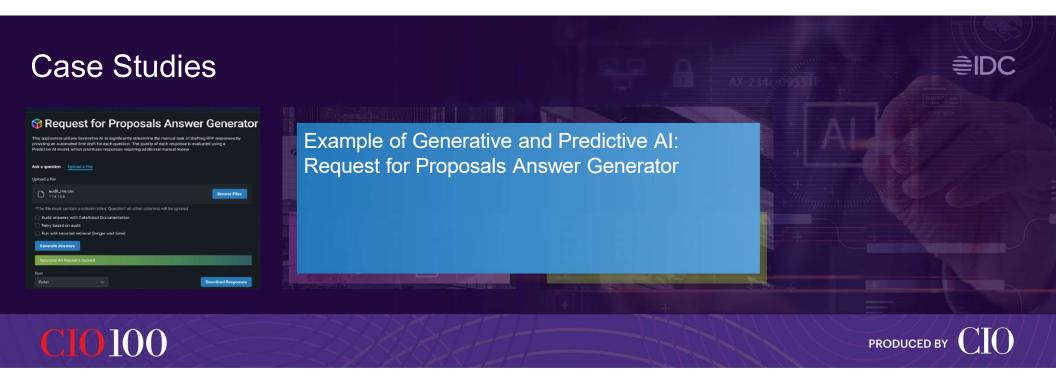


Answering Financial Advisor Questions with the "push" approach of Next Best Action might pair well with the "pull" approach of GPT-based answers to prompts.

Morgan Stanley

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## **Case Studies**





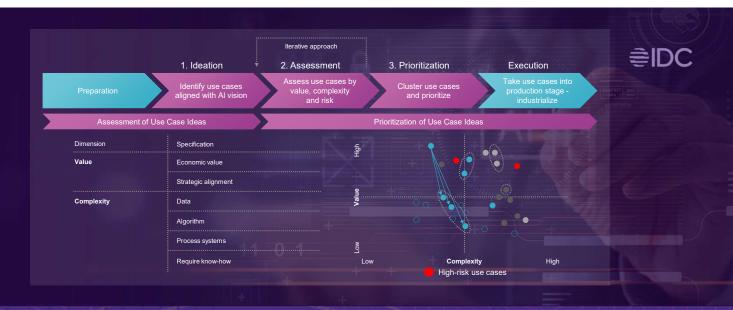




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Process for Defining,
Prioritization and
Execution of Al
Use Cases



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- Develop and maintain a platform service where approved generative Al models are provisioned on demand
- Define protocols for generative AI models integration and implement standardized approaches to manage risk



Roles – staff with the right skills

- · Senior technical leader as GM
- Technical Team: Software engineers, Data engineers, Data scientists/ML engineers, Prompt engineers, MLOps engineers
- Business Team: Al ethicists, Al risk experts, LoB personas, Al champions

03 Hiring/upskilling for culture of Innovation

- Adapt academy models to provide personalized upskilling
- Provide training and corresponding certifications to technical and non-technical talent
- Ensure every knowledge worker has Al basic skills

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## **CIO/CTO Leadership Priorities**



#### **Partners**

To mitigate risk to intellectual property, insist that providers of foundation models maintain transparency.

#### **Internal Policies and Risk Management**

- Proactive mitigation of risks for the end-to-end software development process.
- Establish proven risk-mitigation actions for hallucinations.
- Set up data access controls and policy management layer.
- Establish rigor for evaluation metrics.

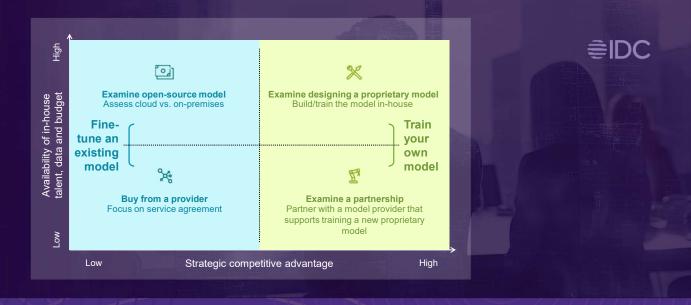
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Build or Buy – Train or Tune Foundation Models Decision for a Use Case



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# Generative AI: Placing Bets on Competing, Overlapping Providers **PDC**

#### **Software**



**Hardware** 



**Professional Services** 



- · Developer training and assistance
- Pre-built industry and use case models and APIs
- Robust data security
- Pre-built data connectors data management capabilities
- Customization/ development tools
- Availability of per user/credits consumption-based pricing



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# Generative AI: Placing Bets on Competing, Overlapping Providers €IDC

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#### **Hardware**



**Professional Services** 



- Al workload performance optimized infrastructure
- Ability to support hybrid cloud infrastructure
- Full Al stack included (libraries, SDKs, orchestration, Al tools)
- Tight integration with cloud cost/FinOps systems
- Availability of flexible consumption-based pricing options



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#### **Professional Services**



- ROI models/cost-benefit analysis to support business case
- Showcase/Co-develop relevant use cases for Al
- Industry insights and competency
- Knowledge transfer/training for our internal team
- Existing relationship / understanding of your business

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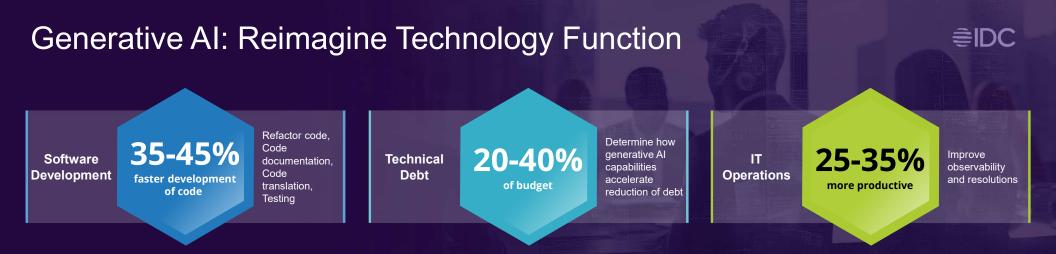
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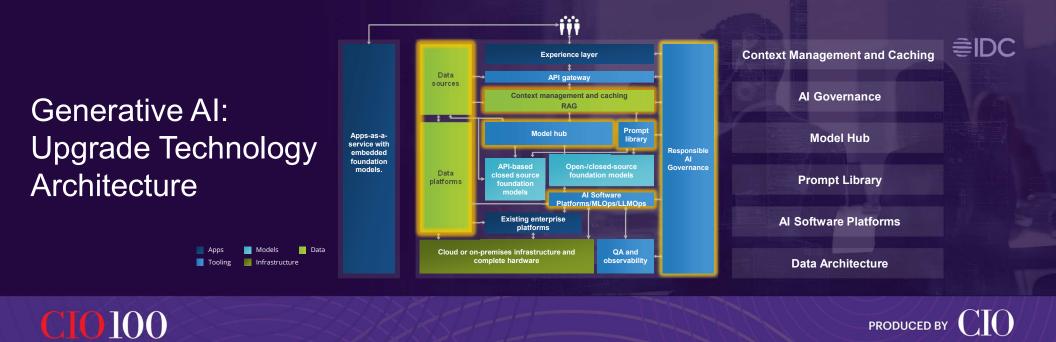
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Source: IDC Customer Interviews/Inquiries







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# For additional information

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