



# Advisory and Professional Services from HPE for generative AI

Revolutionize operations with generative AI solutions

# Unlocking the power of generative AI

Generative AI (GenAI) represents a transformative leap in artificial intelligence (AI), empowering organizations to create, innovate, and solve complex problems in ways previously unimaginable. At its core, GenAI involves using advanced deep learning models to generate new content, designs, or solutions based on existing data. This cutting-edge technology is revolutionizing all industries, from media and entertainment to healthcare and finance, by enabling the development of highly personalized and efficient solutions.

New technology waves reach users and go viral in a speedy manner; adoption and enthusiasm are moving every four to six months from one discovery to another. Organizations are experimenting with GenAI and large language models (LLMs) to propel AI adoption and generate value shifting the main interest from classic AI and machine learning models. As often happens with new technologies, the objective is to create a competitive advantage with personalized solutions using enterprise data. We are in a unique era of AI where machines can understand our languages and generate clear, readable output without compromising quality.

At Hewlett Packard Enterprise, Advisory and Professional Services are designed to provide key tools and resources to leverage GenAI for various applications and enterprise configurations. These services encompass a range of solutions, including infrastructure, software, and consulting services, aimed at helping organizations develop and deploy GenAI models efficiently and effectively.

Over the next 12 months, **94%** of organizations plan to increase their AI budget to accelerate the pace of deployment.<sup>1</sup>

Fewer than **1 in 10** AI projects get beyond pilot and into production.<sup>2</sup>

## Why choose HPE?

GenAI services and solutions from HPE deliver substantial benefits, including:

1. **A solution portfolio to unlock AI:** Advanced AI workloads are supported by HPE Private Cloud for AI, a first-of-its-kind solution offering deep integration of NVIDIA® AI Computing, networking, and software with HPE AI storage, compute, and HPE GreenLake cloud. Additionally, NVIDIA AI Computing by HPE provides a codeveloped portfolio of AI solutions with joint go-to-market integration. These offerings help ensure efficient, high-speed model training and seamless deployment across various AI applications.
2. **Advanced AI software and MLOps tools:** Comprehensive support for a wide range of AI and machine learning operations (MLOps) functionalities and tools, aligned with HPE software products, to facilitate seamless development and deployment of AI models.
3. **Expert consulting:** Tailored guidance from AI experts to design and implement effective AI strategies.
4. **Data management and storage:** Scalable solutions for managing large datasets, helping ensure data security and accessibility.
5. **Scalability and flexibility:** Flexible deployment options, including on-premises, cloud, and hybrid environments.



<sup>1</sup> "Architect an AI advantage," Sapio Research survey commissioned by HPE, January 2024.

<sup>2</sup> "Reasons Why Generative AI Pilots Fail To Move Into Production," Forbes, January 8, 2024

The Harvard Business Review interviewed leaders at companies around the world to research global contextualized AI ethics approaches. They found HPE’s practices ahead of the curve and an example of an effective process. [Read the findings at How Companies Can Take a Global Approach to AI Ethics.](#)

## HPE defines real-world applications

GenAI services are transforming industries through diverse applications:

|                                       |                                                                                                                                                                                |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product design and development</b> | Accelerate innovation with AI-driven design and prototyping                                                                                                                    |
| <b>Content creation</b>               | Automate the generation of marketing materials, videos, and articles                                                                                                           |
| <b>Customer service</b>               | Enhance interactions with AI-powered chatbots and virtual assistants                                                                                                           |
| <b>Healthcare and life sciences</b>   | Drive advancements in drug discovery                                                                                                                                           |
| <b>Automation</b>                     | Streamline operations by automating event management with AI to detect, prioritize, and resolve issues, reducing response times, improving efficiency, and ensuring continuity |

## Get started with HPE AI solutions today

Cut through the noise and accelerate time to value with HPE Services—from pilot to production. Featured HPE AI Services include:

# 01

**HPE AI Services—Generative AI Discovery:** A two-hour interactive discovery session that equips you with typical use cases, techniques, and functionalities provided by GenAI systems and LLMs. Explore opportunities and limits for real-world AI application use cases and implementations. You can develop a high-level implementation plan and road map, identify the resources needed to start experimenting with AI solutions, and begin developing long-term scalability and operations plans as your AI implementation evolves.

### Opportunity exploration

- Gain insights into the opportunities and limitations of GenAI and LLMs for real-world applications, helping you identify potential use cases tailored to your business needs

### Strategic planning

- Develop a high-level implementation plan and road map that identifies the necessary resources and steps to begin experimenting with GenAI, providing a clear path forward

### Scalability and efficiency

- Address scalability and MLOps from the outset, helping ensure your AI initiatives can evolve rapidly and efficiently as your needs grow

# 02

**HPE AI Services—Transformation Workshop:** A one-day session for key business, data, and IT stakeholders that helps you prioritize use cases, identify desired outcomes, determine what data characteristics you may need, and help you determine if AI is the right solution for your business requirements.

## Customized AI strategy

- Develop a tailored AI road map aligned with your business goals, supported by expert-led guidance and best practices

## Accelerated AI adoption

- Fast-track AI initiatives by identifying key opportunities and challenges, enabling quicker and more effective implementation

## Collaborative and unified planning

- Foster collaboration among stakeholders with a unified approach to AI transformation, helping ensure organizational alignment and buy-in



# 03

**HPE AI Services—Generative AI Implementation:** HPE AI experts can help you integrate pretrained AI models into your existing IT environment to help you deploy an AI solution using advanced optimization techniques, including AI prompt engineering, retrieval-augmented generation (RAG), fine-tuning, and model training. This service helps you plan how your AI solution integrates with your next-generation digital knowledge workers to help achieve maximum efficiency for better business outcomes.

## Accelerated time to value (TTV) and enhanced productivity

- Rapid deployment of AI solutions to quickly realize benefits and improve operational efficiency through automation

## Customized, cost-efficient AI solutions

- Tailored AI models and implementations that align with specific business needs, optimizing resource utilization and reducing operational costs

## Improved decision-making and innovation enablement

- Leveraging AI-driven insights for data-informed decisions and fostering innovation to explore new business opportunities

## Conclusion

HPE AI Services provide the tools and expertise necessary to unlock the transformative power of GenAI. By addressing key business challenges with innovative AI solutions, HPE enables organizations to achieve new levels of efficiency and innovation.

Meet your GenAI and LLM needs large or small. Optimize infrastructure at any scale with just the right workloads, computing, processing power, and the data and performance required for model training and inferencing.

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