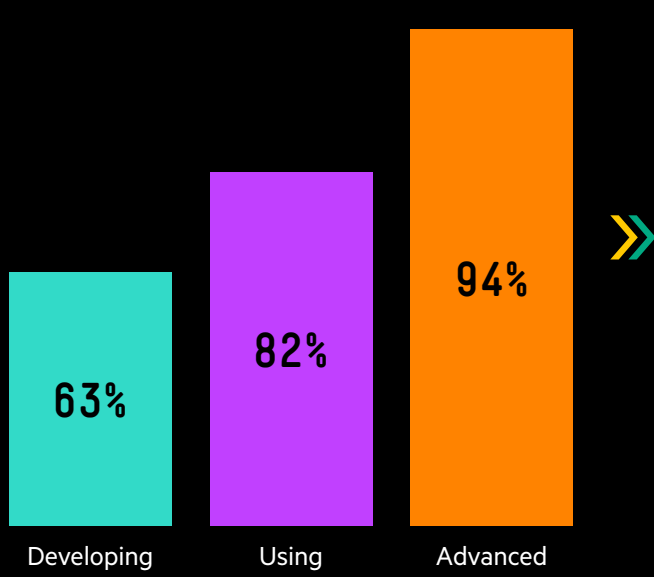


TOP 8 CONSIDERATIONS TO BRING CLOUD EXPERIENCE TO AI/ML USE CASES

HPE GreenLake edge-to-cloud platform

INTEREST IN AI AS A SERVICE¹



Advanced organizations have learned the value of end-to-end AI solutions that scale easily. In addition, they seek end-to-end solutions that encompass the following:

- Advisory and professional services
- Configurations
- Consumption models
- Financing
- Technical support services
- Security and protection

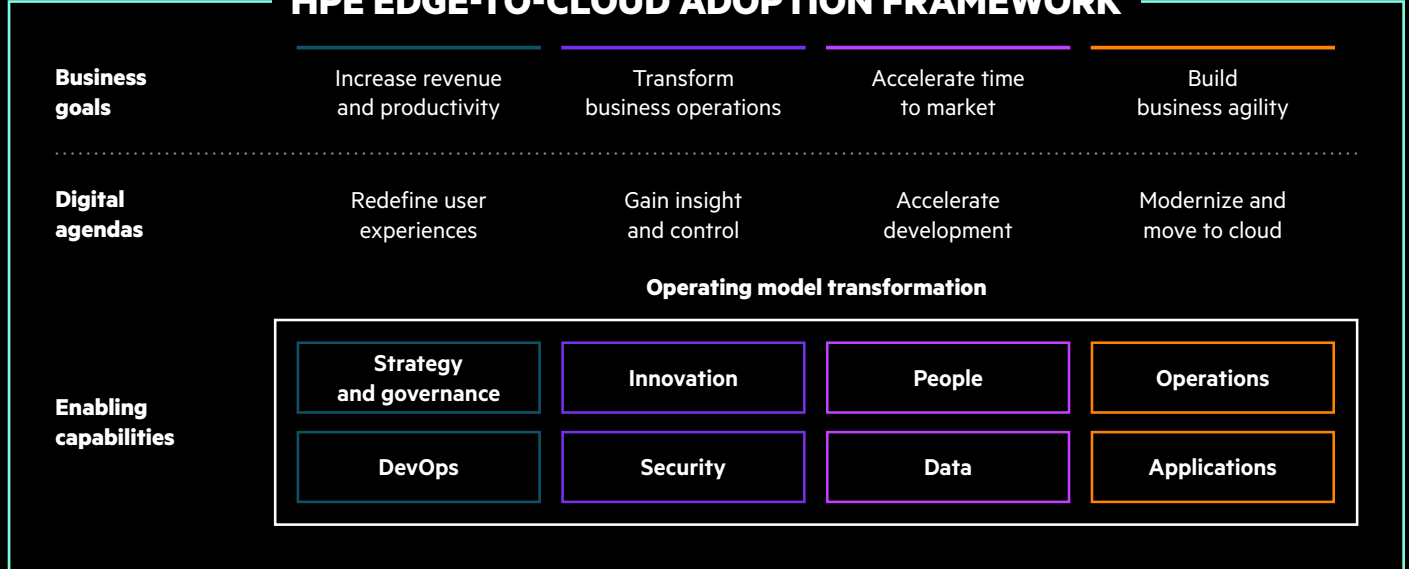
Also, organizations tell us that deployment flexibility and security are among their top criteria in selecting an artificial intelligence-as-a-service (AlaaS) solution.

EVOLVE TO A CLOUD OPERATING MODEL, EVERYWHERE

Define, evaluate, evolve, and operate your transformation journey with **HPE Edge-to-Cloud Adoption Framework**. Gain access to a comprehensive set of proven methodologies to accelerate and de-risk your transformation to a cloud operating model across your IT. Assess your maturity levels across key domains and benchmark against peers and other industry models. **Develop your transformation model.**

Digital transformation and moving workloads to the cloud is not a trivial task. The key to success is not solely to eliminate risk but also to understand and manage it. The right framework gives you a structure and common language to understand where you are in your journey based on benchmarks and best practices. HPE Edge-to-Cloud Adoption Framework enables you to be more successful with artificial intelligence (AI) / machine learning (ML) pilots addressing eight key domains:

HPE EDGE-TO-CLOUD ADOPTION FRAMEWORK



1 Innovation

Achieving successful innovation requires an organization to take a structured approach to AI use case ideation. It begins with identifying the barriers that are currently limiting success and ways of overcoming those limitations.

2 Data

AI and ML rely on data. When assessing potential use cases, a fundamental question is, "what data is required to enable that use case and does my organization have that data?"

3 Strategy and governance

Because AI and ML can have a significant impact on an organization's digital transformation, it is important to ensure that any use case aligns closely with the organization's strategic imperatives.

4 Security

Many AI use cases leverage a hybrid cloud model. Therefore, security issues arise not only around the data that is part of the use case but also around the broader issue of cloud security and hybrid operating models. It also includes security controls that are needed in such models.

5 People

Aside from cloud considerations, there is also the impact of the AI on people and processes to consider. The introduction of AI use cases will typically drive a dramatic increase in the use of data within an organization.

6 DevOps

AI and ML use cases require and create a lot of data, and that data is fast moving. DevOps facilitates continuous delivery, deployment and the monitoring of AI models and enables feedback loop with "fail fast" approach.

7 Applications

The tools used in AI and ML use case development evolve quickly, and data scientists understandably seek access to latest and greatest technologies. This creates dependencies in terms of versions, which can impact operations.

8 Operations

Bringing DevOps and ML Ops into the mix makes the operational adjustments easier. ML Ops platforms, automated processes, and AI frameworks can make the entire AI/ML lifecycle more structured and optimized.

» Access the complete version of the guide Developing and using AI use cases in cloud at [here](#)

¹ The AI journey: Going from practical to transformative. Emerald Research Group, sponsored by HPE, 2021

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