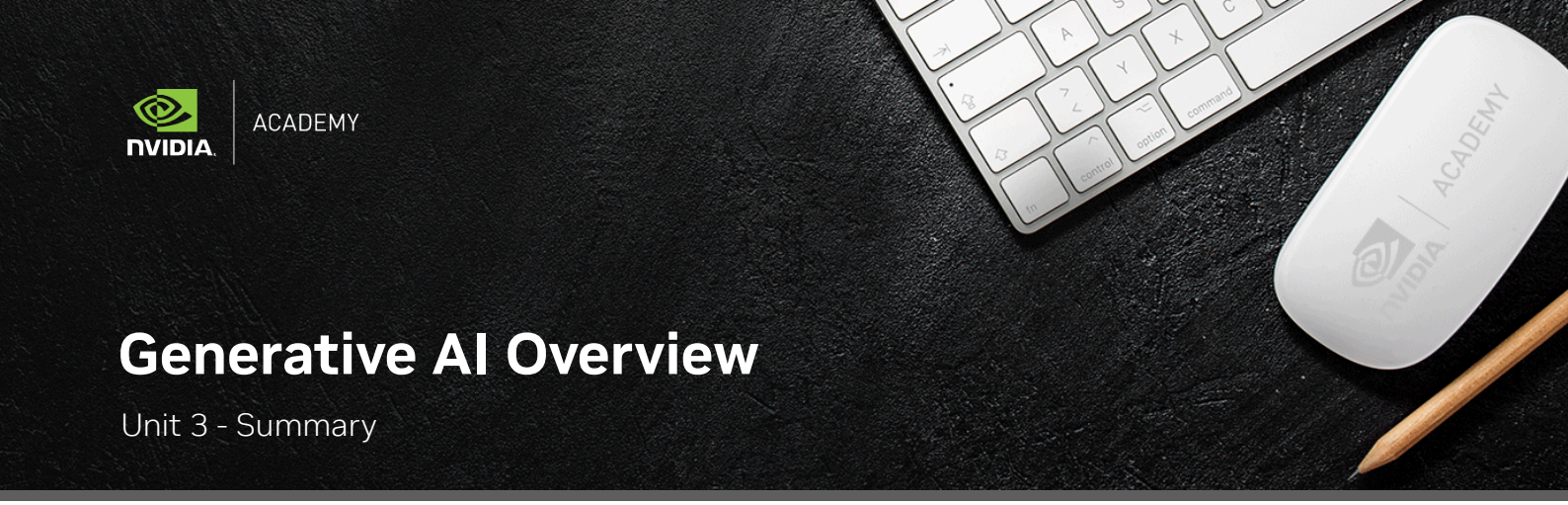

Generative AI Overview

Unit 3 - Summary

- **Generative AI:** Generative AI is a subset of artificial intelligence that uses advanced techniques to create human-like content by learning patterns from the input data.
- **Large Language Models:** Large Language Models (LLMs) are utilized in Generative AI to generate text based on input prompts.
- **Foundation Models:** Foundation models are the basis for the creation and evolution of Generative AI systems, trained on massive unlabeled datasets.
- **Enterprise Challenges:** Generative AI can be used to solve enterprise challenges by using Generative AI as a Service, fine-tune pre-trained models, or build custom models from scratch.

What are Foundation Models?

Foundation models are the basis for the creation and evolution of Generative AI systems. They consist of neural networks trained on massive unlabeled datasets, generally with unsupervised learning.

What are Large Language Models (LLMs)?

LLMs are advanced artificial intelligence systems designed to generate human-like text. LLMs utilize a specialized neural network known as the Transformer to grasp patterns and relationships within textual data.

How are GPUs used in Generative AI?

GPUs train and run large models in Generative AI. They provide performance speed-up, efficiency, and scalability.