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## Generative AI with Diffusion Models (GAIDM)

ID GAIDM Price on request Duration 1 day

### This course is part of the following Certifications

NVIDIA-Certified Associate: Generative AI  
Multimodal (NCA-GENM)

### Prerequisites

- A basic understanding of Deep Learning Concepts.
- Familiarity with a Deep Learning framework such as TensorFlow, PyTorch, or Keras. This course uses PyTorch.

### Course Objectives

- Build a U-Net to generate images from pure noise
- Improve the quality of generated images with the denoising diffusion process
- Control the image output with context embeddings
- Generate images from English text prompts using the Contrastive Language—Image Pretraining (CLIP) neural network

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## Training Centres worldwide



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