Generative AI Leader

Category: AI, Data & Analytics | **Vendor:** Google Cloud

Duration: 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

In this course, you will take a journey from a broad overview of gen AI to understanding how to leverage gen AI and Google Cloud for organizational transformation.

About This Course

In this course, you will take a journey from a broad overview of gen AI to understanding how to leverage gen AI and Google Cloud for organizational transformation.

Who Should Attend

This course is intended for business professionals of all levels and job roles who want to contribute to their company's gen AI transformation.

Prerequisites & Entry Requirements

General Prerequisites:

None.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

- Describe how generative AI transforms organizations across business functions and industries.
- Define core gen AI concepts (artificial intelligence, gen AI, machine learning, etc.).
- Identify the core layers of the gen AI landscape (applications, agents, platforms, models, and infrastructure).
- Explain how you can combine the components of generative AI agents to build powerful solutions.
- Identify Google Cloud products and solutions that support the implementation and scaling of generative AI initiatives.

Detailed Course Outline

Module 1 - Gen AI: Beyond the chatbot

Topics

- Introduction to gen AI for businesses
- Introduction to gen AI foundations
- Gen AI strategy

Objectives

- Discover how generative AI transforms organizations across business functions and industries.
- Explore how generative AI uses foundation models and prompt engineering to create value.
- Identify Google Cloud's unique strengths in the field of generative AI.

- Explain the Google-Cloud-recommended steps to successfully implement a transformational gen AI solution.

Activities

- Discussion: What is your why?
- Discussion: Feeling inspired
- Try it: Hands-on with the Gemini app
- Discussion: Benefits of Google Cloud when building AI solutions
- Try it: Prioritization exercise
- Activity: Augmentation or automation?

Module 2 - Gen AI: Unlock foundational concepts

Topics

- Core gen AI concepts
- Foundation models
- Responsible AI

Objectives

- Define core generative AI concepts.
- Explain how data types are used in generative AI for business solutions, innovation, and competitive edge.

- Explain the role of foundation models in generative AI.
- Describe the Google-Cloud-recommended strategies for handling LLM limitations.
- Describe the challenges and key factors involved in responsibly and securely developing and deploying AI.

Activities

- Activity: Supervised, unsupervised, or reinforcement learning?
- Discussion: Model matchmaker
- Discussion: Organizational roadblocks to responsible AI

Module 3 - Gen AI: Navigate the landscape

Topics

- The gen AI landscape
- Gen AI agents and applications
- Gen AI platform, model, and infrastructure
- Gen AI project resources and management

Objectives

- Describe the layers of the gen AI landscape.
- Determine strategic entry points within the gen AI landscape to address specific business needs and drive innovation.

- Describe the components of the Google Cloud gen AI portfolio.
- Explain how Google Cloud’s AI-optimized resources support gen AI development.
- Describe the business factors to consider when deciding what to use for specific applications.

Activities

- Discussion: Conversational and workflow agents
- Activity: The writing assistant
- Activity: Edge or cloud?
- Activity: Best solution

Module 4 - Gen AI apps: Transform your work

Topics

- Prompting techniques
- Gen AI for productivity
- Gemini for Google Cloud

Objectives

- Explain prompt engineering techniques and how they drive better results.
- Develop automated workflows by using generative AI prompt templates and tools.
- Describe the core functionality and business value of using Gemini for Google Workspace.
- Describe the core functionality and business value of using Gemini for Google Cloud.

Activities

- Discussion: Customer service
- Try it: Step into the role
- Activity: Pick-a-product
- Discussion: Gemini for Google Cloud in your organization

Module 5 - Gen AI agents: Transform your organization

Topics

- Today’s agents
- Building agents
- Enhancing the customer experience with agents

Objectives

- Define the components of generative AI agents and how they work together.
- Explain how you can combine the components of generative AI agents to build powerful solutions.
- Describe how you can use Google Cloud’s gen AI products to create generative AI agents and solutions.
- Explain how to effectively lead and manage organizational transformation with gen AI.

Activities

- Activity: The better prompt technique

- Activity: Agent tooling example – Meeting location planner APIs

- Activity: Pick-a-product, Beyond the chatbot, Unlock foundational concepts, Navigate the landscape, Transform your work, Transform your organization

Skills You Will Learn:

- Describe how generative AI transforms organizations across business functions and industries.
- Define core gen AI concepts (artificial intelligence, gen AI, machine learning, etc.).
- Identify the core layers of the gen AI landscape (applications, agents, platforms, models, and infrastructure).
- Explain how you can combine the components of generative AI agents to build powerful solutions.
- Identify Google Cloud products and solutions that support the implementation and scaling of generative AI initiatives.

Frequently Asked Questions

Q: What delivery options are available for Generative AI Leader?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 2-day Generative AI Leader course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Generative AI Leader training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Generative AI Leader?

Yes, we provide corporate training, dedicated training, and closed classes for Generative AI Leader. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Generative AI Leader, AI & Data Science, GAIL, Google Cloud, vILT

Q: Why choose Nexus Human for Generative AI Leader?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Generative AI Leader training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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