



GOOGLE CLOUD TRAINING

Exploring Large Language Models Google Generative Ai Course

Explore Google Generative AI and Large Language Models. Learn to build and deploy innovative AI applications using cutting-edge tools.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

Embark on a concise yet comprehensive journey into the world of Large Language Models (LLMs) with our "Exploring Large Language Models Google Generative Ai Course." This intermediate-level course, developed in partnership with Google Cloud, is meticulously designed to demystify the foundational concepts and practical applications of cutting-edge generative AI technologies. Over two intensive hours, you will gain a clear understanding of what LLMs are, how they operate, and their transformative potential across various industries. We will delve into Google's specific contributions and frameworks within the generative AI space, providing insights into their capabilities and ethical considerations.

This course is ideal for IT professionals, developers, data enthusiasts, and anyone looking to grasp the core principles behind the AI revolution. By completing this program, you will not only acquire the essential vocabulary and conceptual framework for discussing LLMs but also learn how to interact with these powerful models effectively through basic prompt engineering. The professional benefits are immense: you'll be equipped with a foundational understanding that is increasingly critical in today's AI-driven landscape, enhancing your problem-solving capabilities and positioning you at the forefront of technological innovation. This foundational knowledge is crucial for navigating the evolving demands of modern tech roles and seizing new opportunities in AI-powered development.

Duration	2 hours
Level	Intermediate
Vendor	Google Cloud

COURSE CURRICULUM

01 Module 1: Introduction to Large Language Models

- What are Large Language Models (LLMs)?
- Brief history and evolution of NLP and AI
- Key architectural concepts: Transformers and attention (overview)
- Core capabilities and limitations of LLMs

02 Module 2: Google's Generative AI Ecosystem

- Overview of Google Cloud's Generative AI services (e.g., Vertex AI Generative AI Studio)
- Introduction to Google's foundational models (e.g., PaLM, Gemini capabilities)
- Understanding responsible AI principles in Google's approach
- Real-world applications and use cases of Google Generative AI

03 Module 3: Interacting with LLMs - Prompt Engineering Fundamentals

- Basics of prompt engineering for effective interaction
- Techniques for crafting clear and specific prompts
- Exploring different prompting strategies (e.g., zero-shot, few-shot learning)
- Practical examples of text generation, summarization, and question answering

04 Module 4: Ethical Considerations and Future Outlook

- Addressing bias and fairness in Large Language Models
- Data privacy and security implications of generative AI
- Understanding the societal impact of LLMs
- Future trends and advancements in generative AI

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **AI/ML Product Manager (understanding core capabilities to guide product development)**
- > **Entry-level Prompt Engineer (foundational skills in crafting effective inputs for LLMs)**
- > **Data Scientist specializing in NLP (grasping the underlying models used for text analysis and generation)**

FREQUENTLY ASKED QUESTIONS

Q: What foundational knowledge is recommended before taking this "Exploring Large Language Models Google Generative Ai Course"?

While this course is designed for an intermediate audience, a basic understanding of computer science concepts and a general familiarity with machine learning or artificial intelligence principles will be beneficial. No prior in-depth experience with large language models or Google Cloud is strictly required, as the course will cover the fundamentals.

Q: How does this 2-hour course prepare me to practically apply Large Language Models in real-world scenarios?

This course provides a robust conceptual framework and practical introduction to interacting with LLMs. You will learn the fundamentals of prompt engineering and understand the capabilities of Google's Generative AI, enabling you to identify potential applications within your domain, formulate effective queries, and appreciate the ethical considerations necessary for responsible deployment. It serves as a critical first step towards more advanced implementation.

Q: Will this course help me understand the specific capabilities and limitations of Google's proprietary Generative AI models, such as Gemini or PaLM?

Yes, this course specifically integrates an overview of Google's Generative AI ecosystem. You will gain insights into the general capabilities of models like PaLM and Gemini, understand their positioning within Google Cloud, and learn about the responsible AI guidelines associated with their use, providing a vendor-specific context to your LLM knowledge.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

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READY TO ENROL?

Take the next step in your technology career.

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