

# Google Cloud - Writing Effective Prompts for Generative AI

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**Course Number: GCP-WEP-GENAI-CS-FR**

**Duration: 0.375 days**

## Overview

### Course Description

As generative AI becomes more common, the ability to interact with large language models is shifting from niche knowledge to a necessary skill across many different industries and roles. In this course, you will learn the fundamentals of prompting large language models and exploring further techniques for improving the output from large language models.

- Theory and in-depth explanations of Google AI tools and generative AI are not covered in this course.

### Skills Gained

- Explain the capabilities of generative AI and list possible use cases.
- Identify the differences between keyword search and prompting, and list the benefits of prompting.
- Describe and apply prompt design best practices.
- Describe and apply approaches to improve the accuracy of generative AI responses.

## Who Can Benefit

Business professionals who apply generative AI techniques to solve common day-to-day tasks.

## Prerequisites

- Attendees should have access to [gemini.google.com](https://gemini.google.com) to complete the course activities.
- There are no other prerequisites for this course. It aims to provide both introductory and advanced insights into generative AI, making it suitable for individuals with varying levels of AI expertise

## Audience

## Course Details

### What is generative AI?

Explain the capabilities of generative AI and list possible use cases.

- Definition of generative AI
- Capabilities of generative AI
- Tasks generative AI can help with

### Searching vs prompting

Identify the differences between keyword search and prompting, and list the benefits of prompting.

- Differences between keyword search and prompting
- Prompt examples
- The benefits of prompting

### Prompt design best practices

Describe and apply prompt design best practices.

- The importance of prompt design
- General best practices
- Use prompt building blocks
- Provide examples
- Iterate through prompts
- Define follow-up prompts
- Chain-of-thought
- Prompt editor

## Improving output accuracy

Describe and apply approaches to improve the accuracy of generative AI responses.

- Hallucinations definition
- Use prompt instructions
- Grounding and citations
- Double-check responses
- Developer settings

## Quiz & Summary

- Quiz questions
- Course summary
- Q&A