

# Cloud Hero: Gemini & Vertex AI - English

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## Key information

Event Category	Cloud Hero
Event version	1.0
Event title	Cloud Hero: Gemini & Vertex AI
Description	Gain practical experience using Vertex AI's Gemini models to tackle tasks like code generation, function writing, and information extraction – all powered by natural language prompts. You'll explore cURL commands and the Vertex AI Python SDK for interacting with Gemini, culminating in deploying a Streamlit application that integrates Gemini Pro. This game is ideal for developers and anyone curious about leveraging the power of generative AI.
Duration	225 minutes
Level (please leave only applicable)	Intermediate

## Content overview

Who this course is for	Someone who has moderate experience with Vertex AI and is looking to modernize the way they develop applications using Vertex AI and Gemini
Total Labs	4
Prerequisites	Some prior experience with Vertex AI
Products	Vertex AI, Gemini, Streamlit, Python SDK

## Content breakdown

Module 1 activities	<a href="#">GSP1228 - Getting Started with the Vertex AI Gemini API with cURL (45 mins)</a>
Module 2 activities	<a href="#">GSP1227 - Introduction to Function Calling with Gemini (60 mins)</a>
Module 3 activities	<a href="#">GSP1209 - Getting Started with the Vertex AI Gemini API and Python SDK (60 mins)</a>
Module 4 activities	<a href="#">GSP1229 - Utilize the Streamlit Framework with Cloud Run and the Gemini API in Vertex AI (60 mins)</a>