

Gemini Code Assist Essentials

This course provides a comprehensive overview of Gemini Code Assist, an AI-powered tool designed to enhance software development workflows. Participants will learn how Gemini Code Assist can improve coding efficiency, reduce errors, and accelerate the software delivery lifecycle. The course will cover core features such as code completion, code generation, and smart actions, along with best practices for integrating Gemini Code Assist into development environments. Fundamental concepts in AI-assisted coding and software development lifecycle optimization will be covered, along with practical demonstrations.

**DURATION**

2-3 hours

**LEVEL**

200 - Intermediate

**FORMAT**

Instructor-led

**SCALABLE**

1-50, scaled to 1000

What you'll learn

- Understand the core concepts and benefits of Gemini Code Assist.
- Explore Gemini Code Assist's code completion and generation features.
- Learn to utilize Gemini Code Assist to improve code quality and efficiency.
- Explain the security and privacy measures implemented in Gemini Code Assist.
- Measure the adoption and business impact of Gemini Code Assist within an organization.

Overview	1 module
Who this course is for	• Software developers, programmers, software engineers, and anyone involved in writing code who wants to improve their productivity and code quality.
Products	• Gemini Code Assist
Prerequisites	• Baseline experience with software development and familiarity with at least one Integrated Development Environment (IDE) is recommended.
Not covered	• Theory and in-depth explanations of Google AI tools. The course requires a basic-level understanding of the tools and what each one offers.

Module 01

Gemini Code Assist Essentials

Topics	• Gemini for developers on Google Cloud • Key features of Gemini Code Assist • Agents in Gemini Code Assist • Security, privacy & IP protection • Measure adoption and usage patterns • Example: from ideation to code • What's next
Objectives	• Understand the core features and benefits of Gemini Code Assist for developers. • Discuss the security and privacy measures in place with Gemini Code Assist. • Recognize to measure the adoption and impact of Gemini Code Assist within an organization.
Activities	• 3 use case demos, 6 optional demos