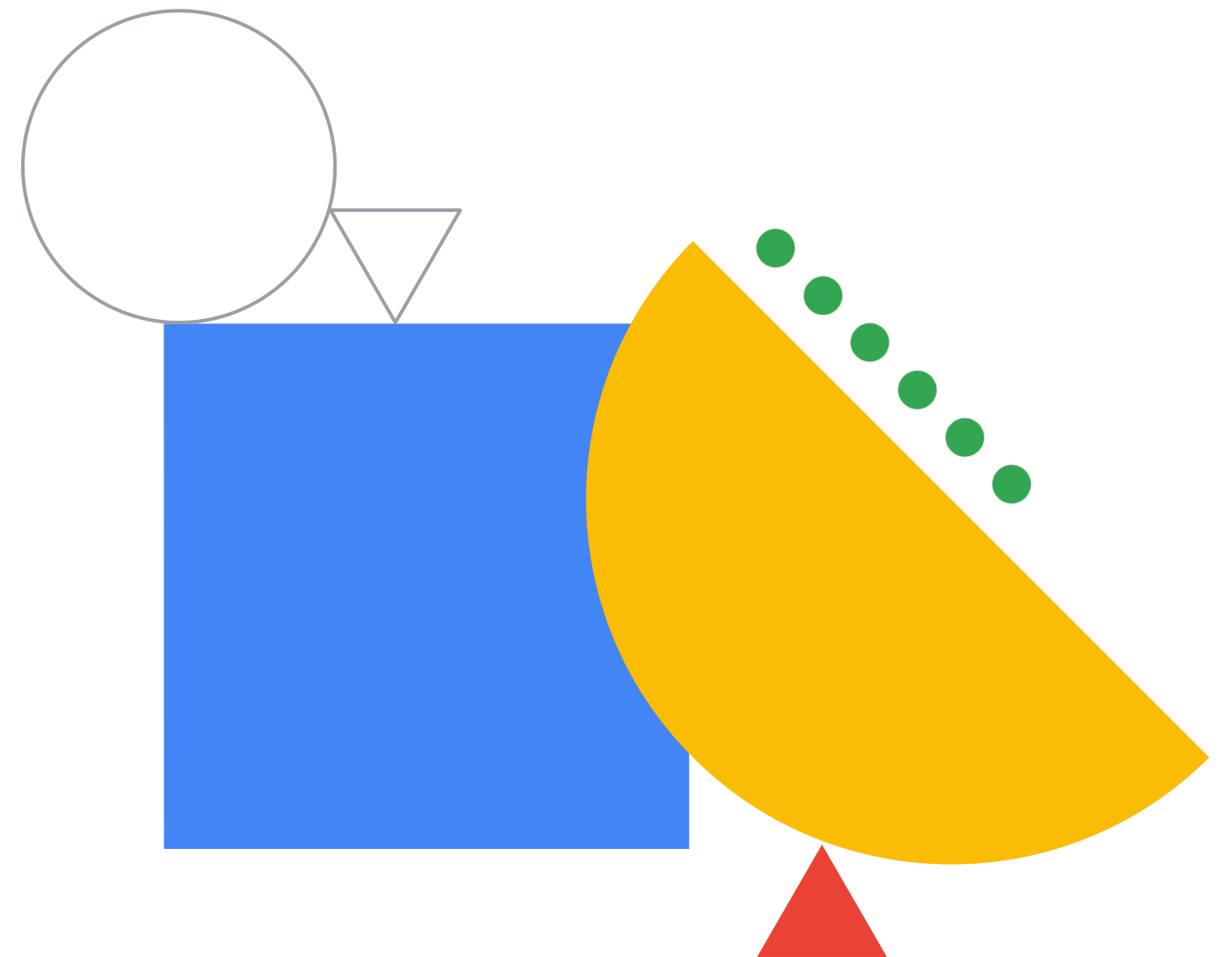Google Cloud
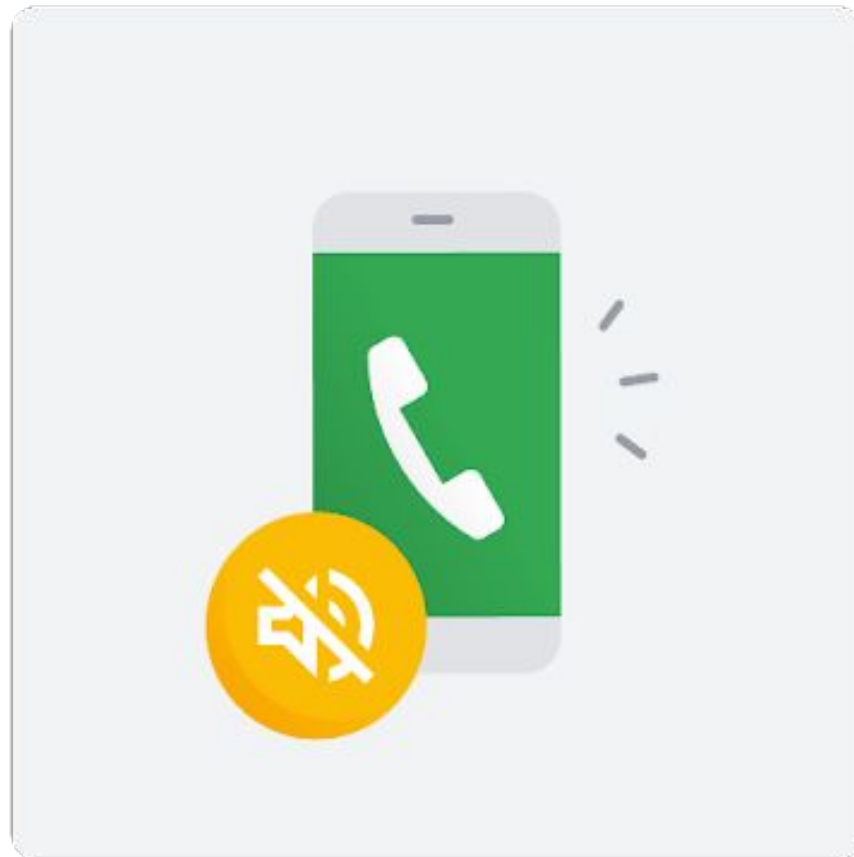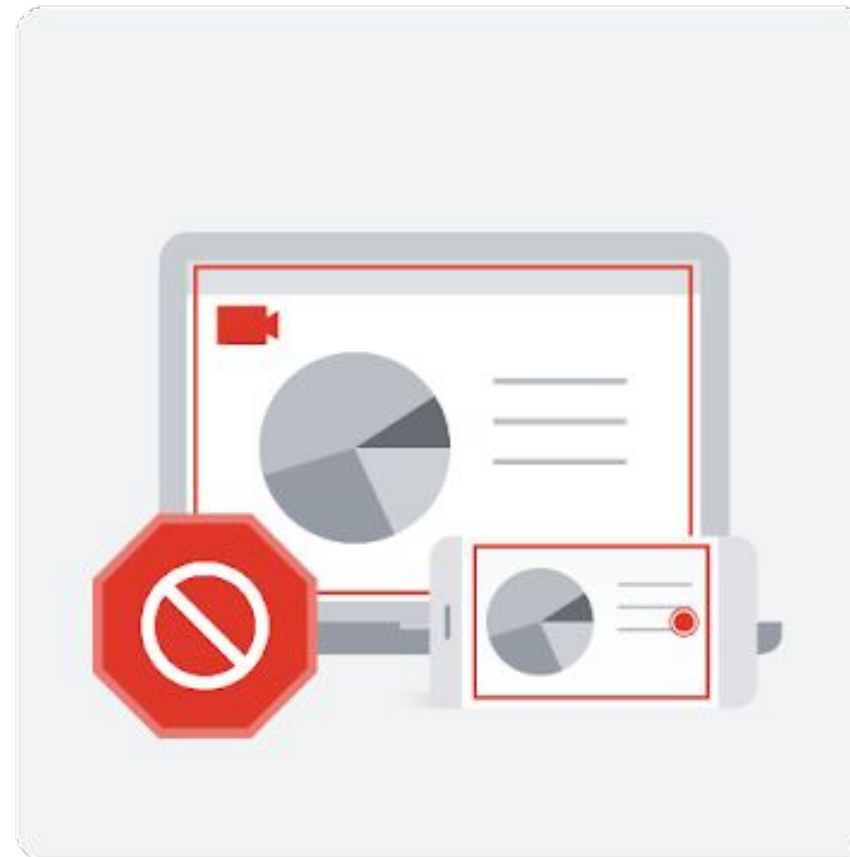
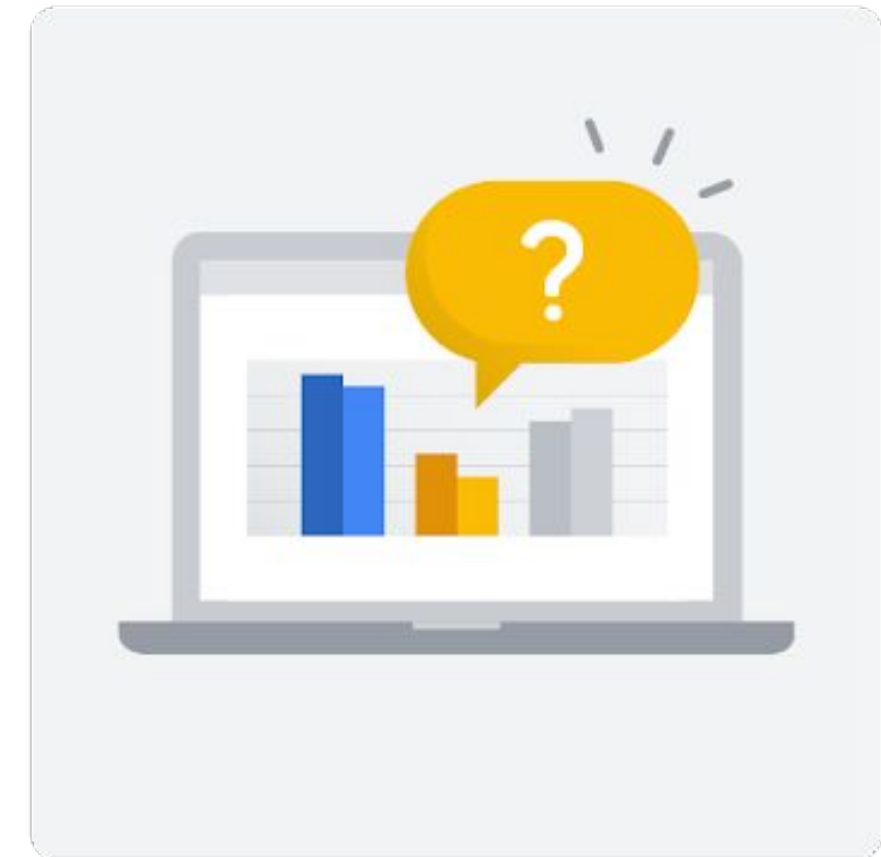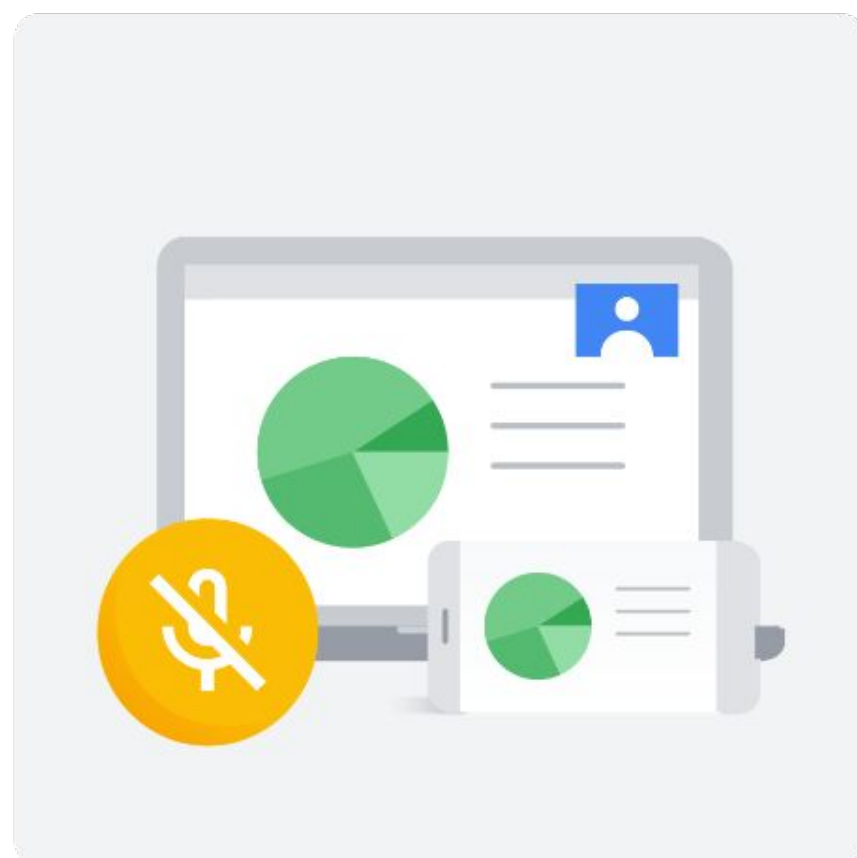# Text Generation for Applications using Vertex AI Studio
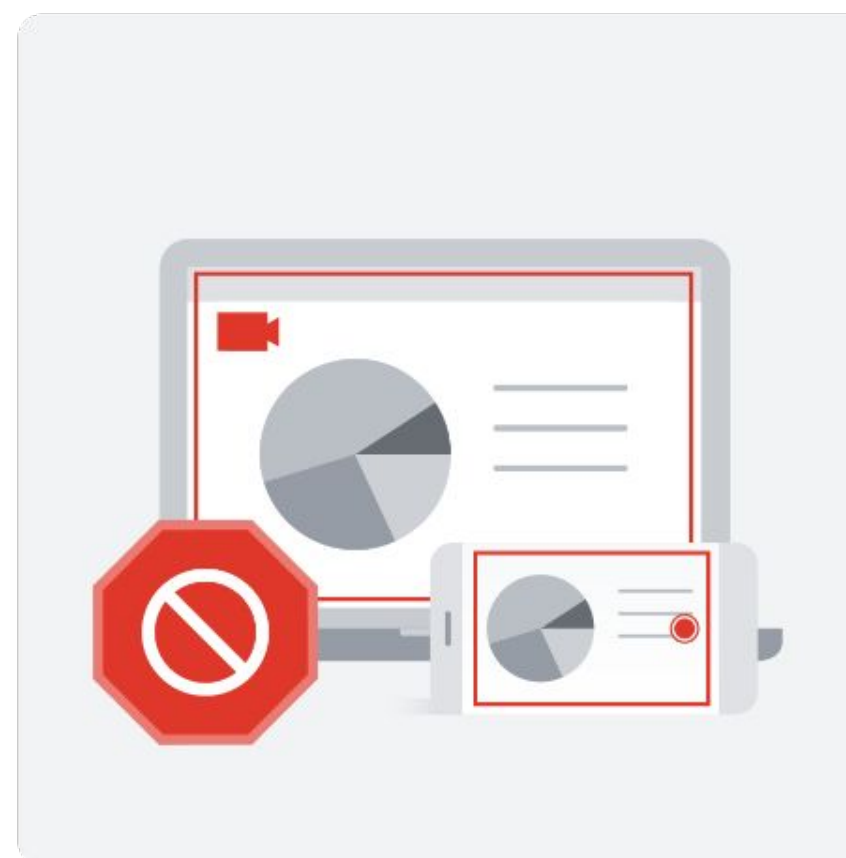
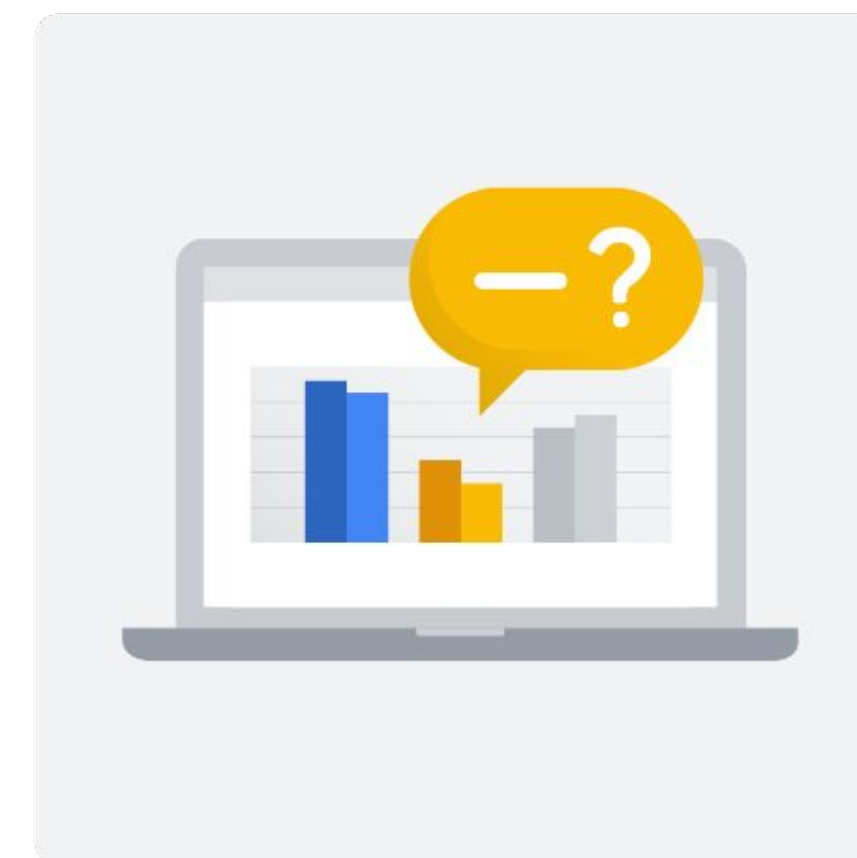# Etiquette

No calls

No recording

Ask questions

Etiquette

Mute microphone

No recording

Ask questions

Please mark your attendance at
goo.gle/genai-checkin

Agenda
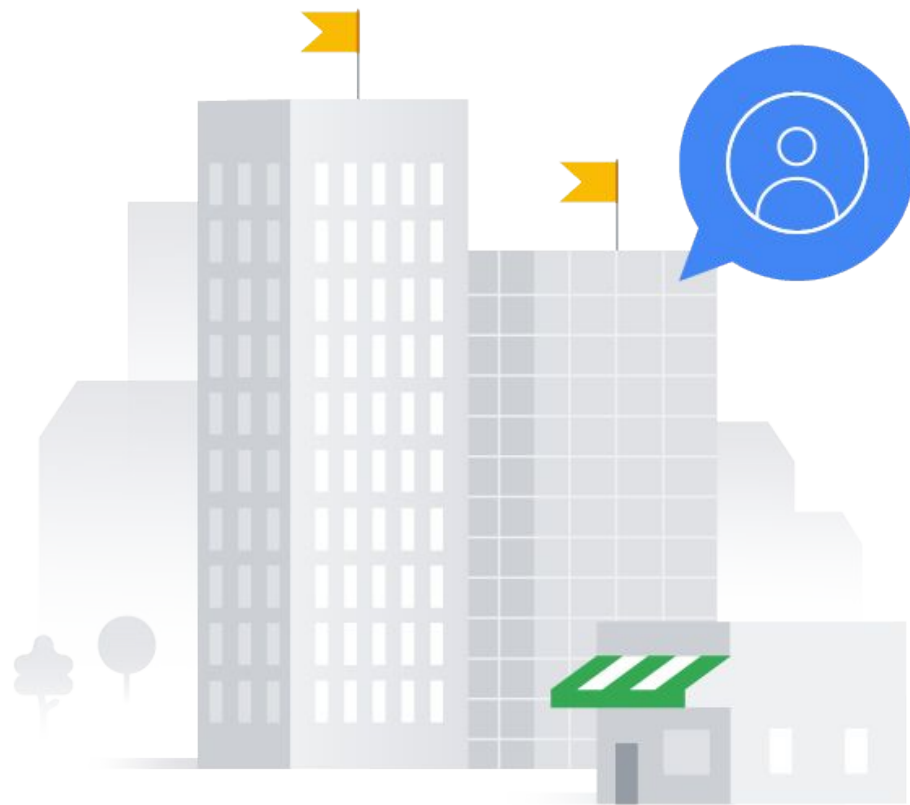
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Objectives

01 Understand Vertex AI generative AI options for your applications

02 Explore Vertex AI Studio to interact with foundation models

03 Design and tune prompts for your Generative AI use cases

04 Implement the PaLM API into your applications using the Python SDK

05 Fine-tune foundation model weights to improve model output quality
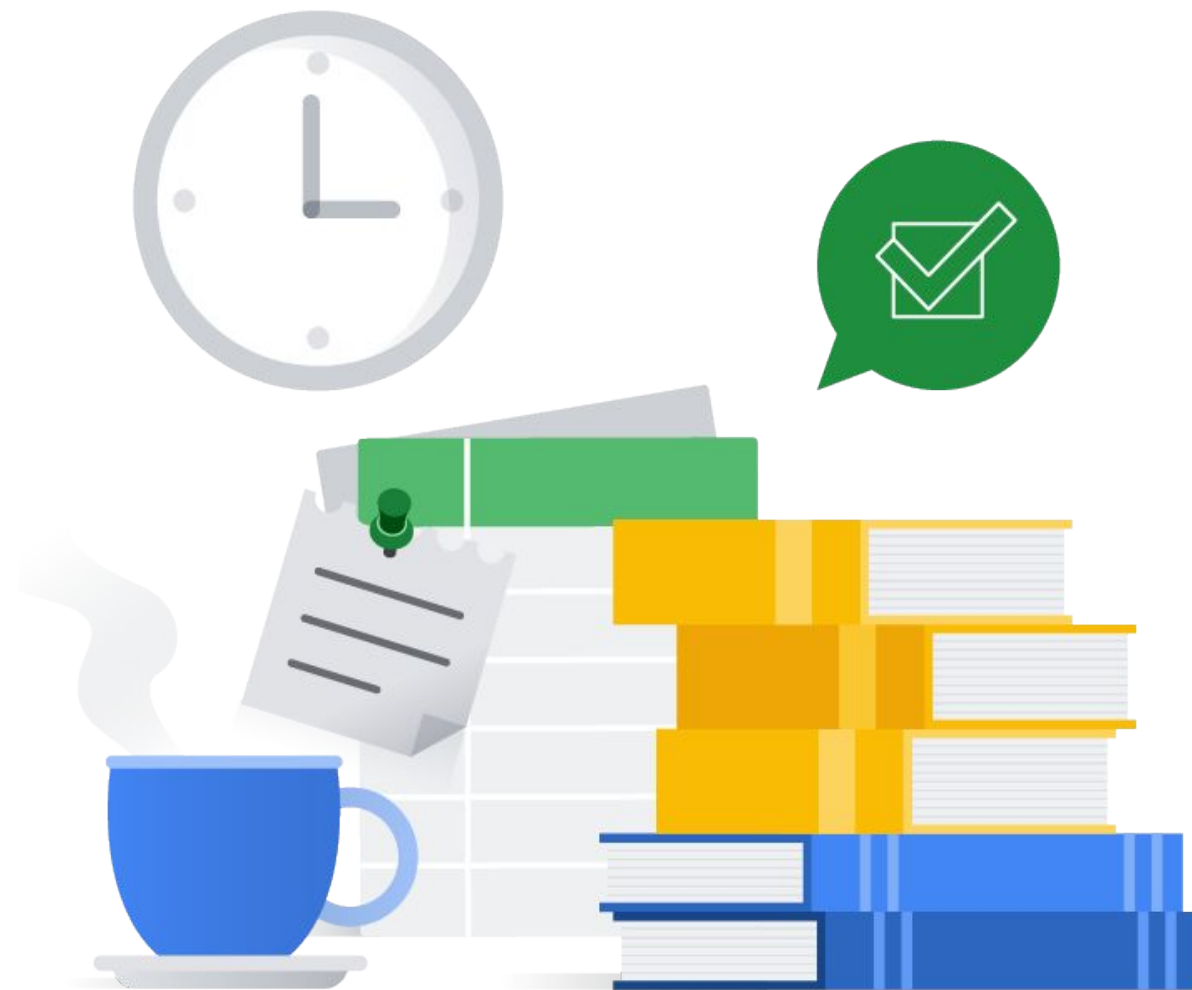
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Target audience

- Those developing using Generative AI features on Google Cloud's Vertex AI platform

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✓ ML researchers

✓ Programmers

✓ App developers

Helpful knowledge

✓ Google Cloud basics

Helpful to **be familiar with**

✓ Python programming

✓ Machine learning basics

✓ Leveraging APIs in applications

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Lab environment

For each lab, Qwiklabs offers:

- A free set of resources for a fixed amount of time

- A clean environment with permissions

Open Qwiklabs

1 **Open an incognito window** (or private/anonymous window).

2 **Go** to the Qwiklabs URL your instructor provides.

3 **Sign In** with existing account or **Join** with new account (with email you used to register for the course).

4 Launch the course from **My Learning**.

Access issues

The process to open Qwiklabs can differ based on credentials used. Please reach out to your trainer if you have any access issues.

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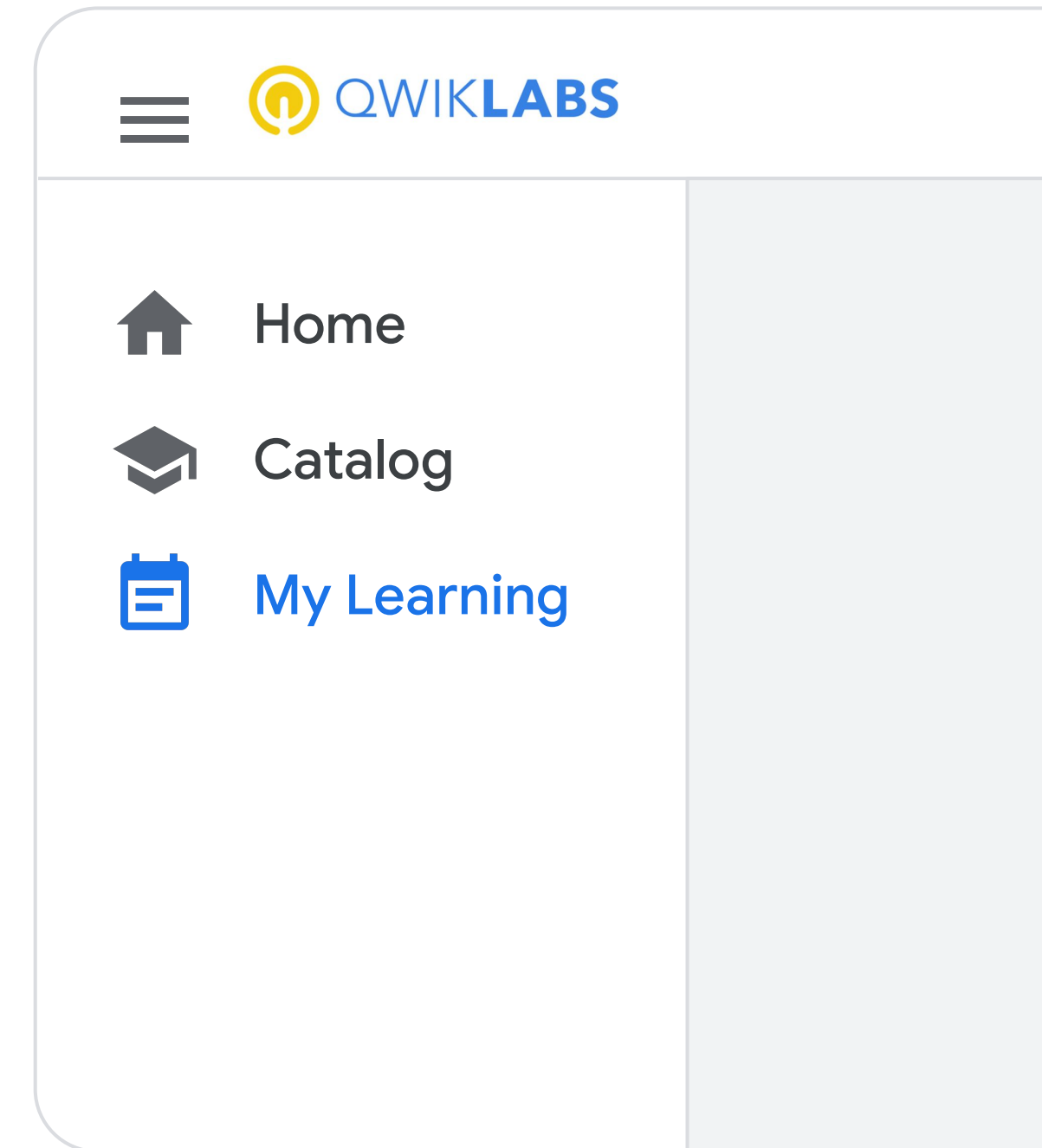
View your labs

Do NOT launch a lab until instructed to do so!

| Labs | Lecture Notes |

✓ ────────────────────────────── ⟵ Lab completed

○ ────────────────────────────── ⟵ To be completed

⚠ ──────────────────── **Lab Currently Disabled** ⟵ Not yet available

⚠ ──────────────────── **Lab Currently Disabled**

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View lecture notes

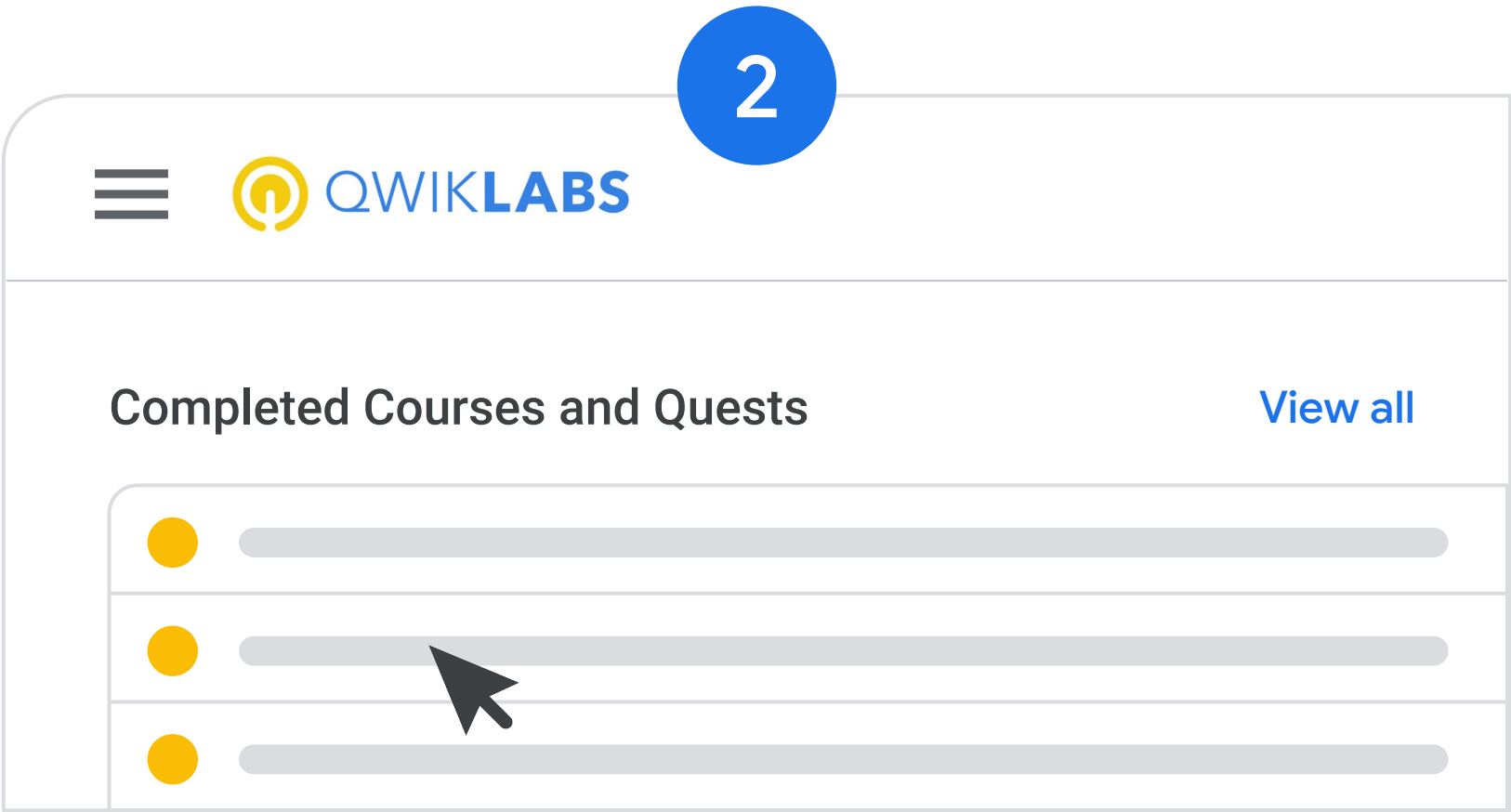|		
01	───────────────────────────	⬇
02	───────────────────────────	⬇
03	───────────────────────────	⬇
04	───────────────────────────	⬇

Labs   **Lecture Notes**

You can download these as PDF files

End of class - Materials

Materials are available for 2 years
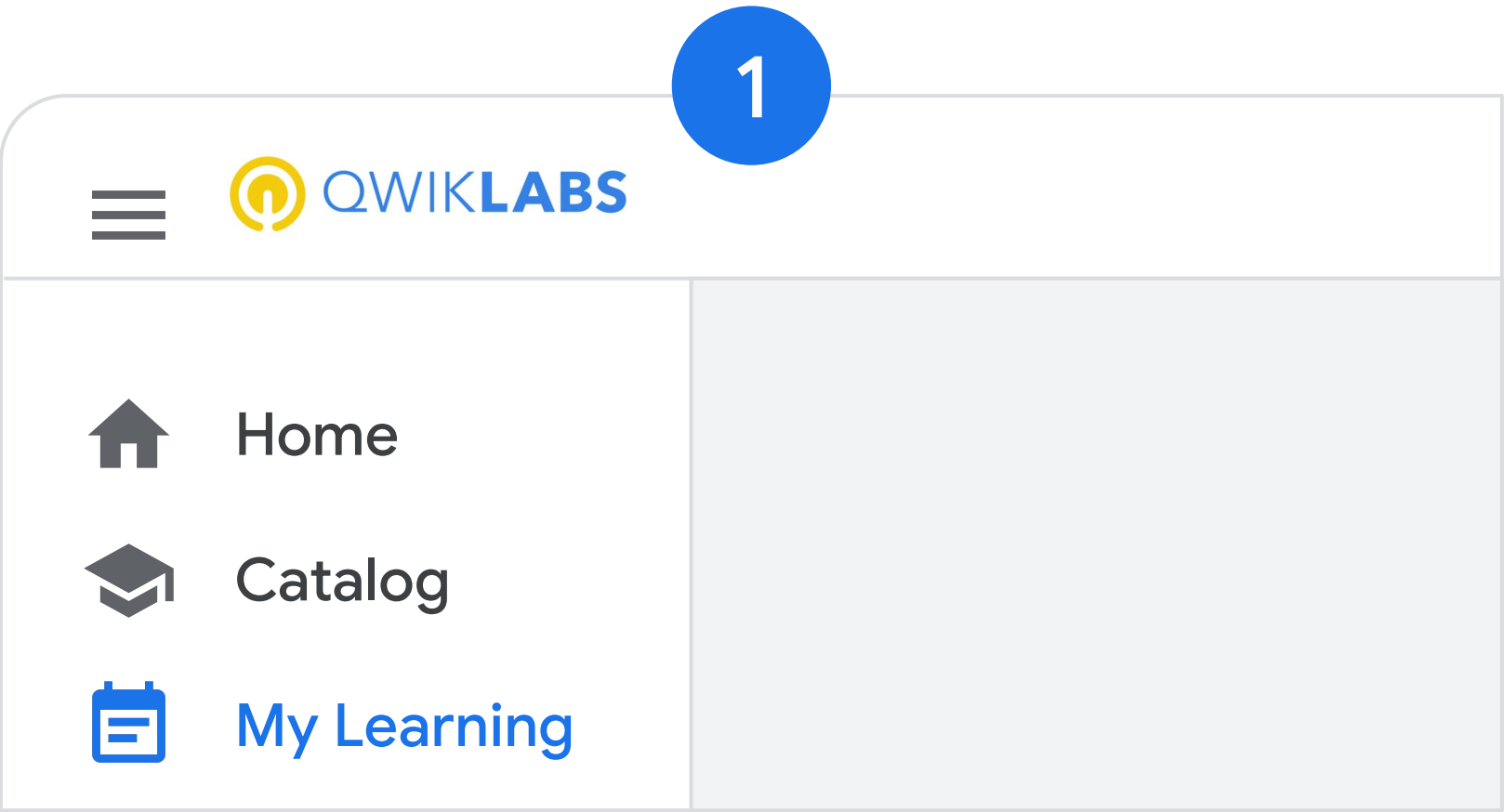
Click on My Learning in the left-hand navigation bar

Select the class from the **Completed Courses** list

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