Office Hours

Generative AI Leader (GAIL) Certification

Exam Preparation Session

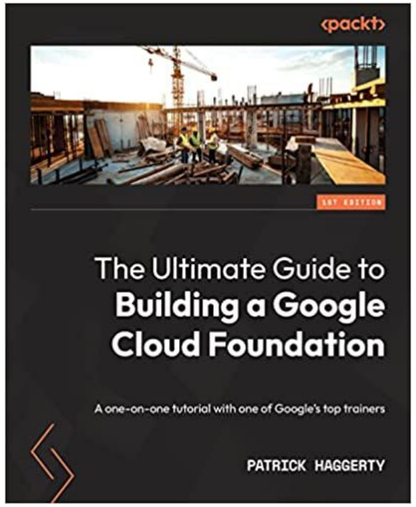
Google Cloud

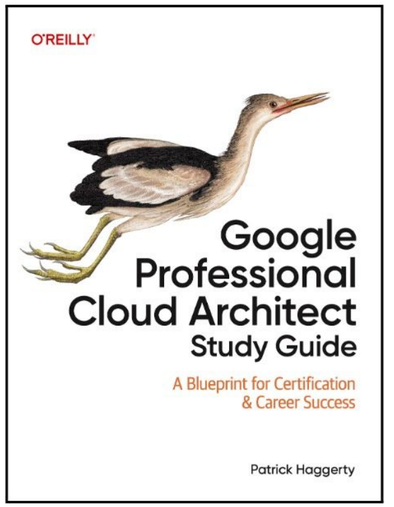




Trainer Introduction







Senior Instructor, Author,
Google Trainer of the Year
(ROI Training)

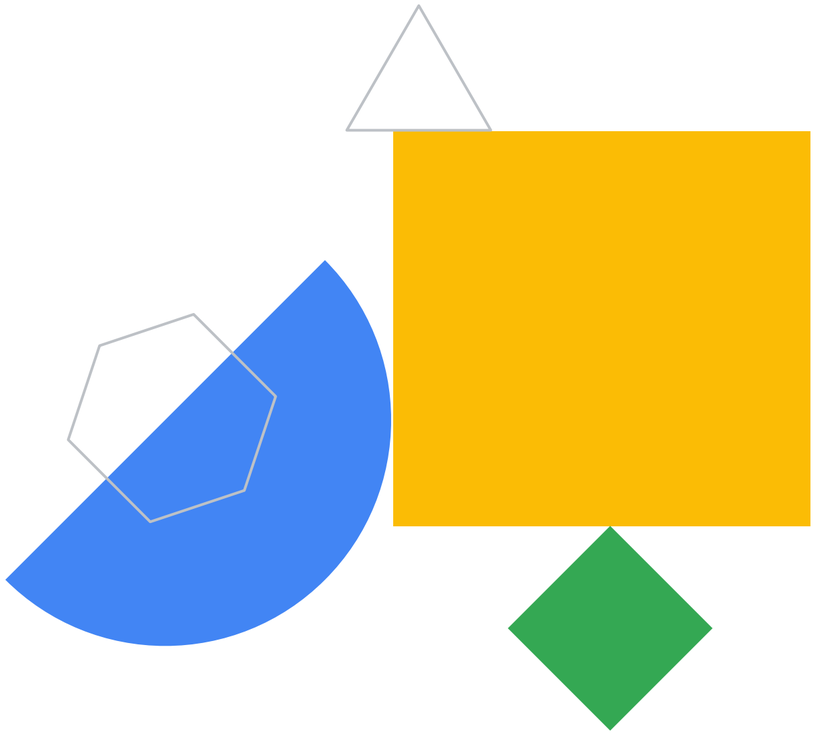
patrick@roitraining.com
https://www.linkedin.com/in/patrickhaggerty/

ROI TRAINING

Google Cloud

About the Exam

Generative AI Leader



Proprietary + Confidential

Certification Page

Generative AI Leader

A Generative AI Leader is a visionary professional with comprehensive knowledge of how generative AI (gen AI) can transform businesses. They have business-level knowledge of Google Cloud's gen AI offerings and understand how Google's AI-first approach can lead organizations toward innovative and responsible AI adoption. They influence gen AI-powered initiatives and identify opportunities across business functions and industries, using Google Cloud's enterprise-ready offerings to accelerate innovation.

This certification is for anyone in any job role, with or without hands-on technical experience.

The Generative AI Leader exam assesses your knowledge in these areas:

- ✓ Fundamentals of gen AI
- ✓ Google Cloud's gen AI offerings
- ✓ Techniques to improve gen AI model output
- ✓ Business strategies for a successful gen AI solution

Register | View FAQs

Quick links

- Train for the exam
- Review sample questions
- View exam guide
- Partner training for the exam
- Join the learning community

[GAIL Certification Exam Registration]

Proprietary + Confidential

About the Exam

About this certification exam

Length: 90 minutes

Content: Exam guide

Registration fee: $99 (plus tax where applicable)

Languages: English, Japanese

Exam format: 50-60 multiple choice questions

Exam delivery method: Online-proctored or onsite-proctored

Validity period: 3 years

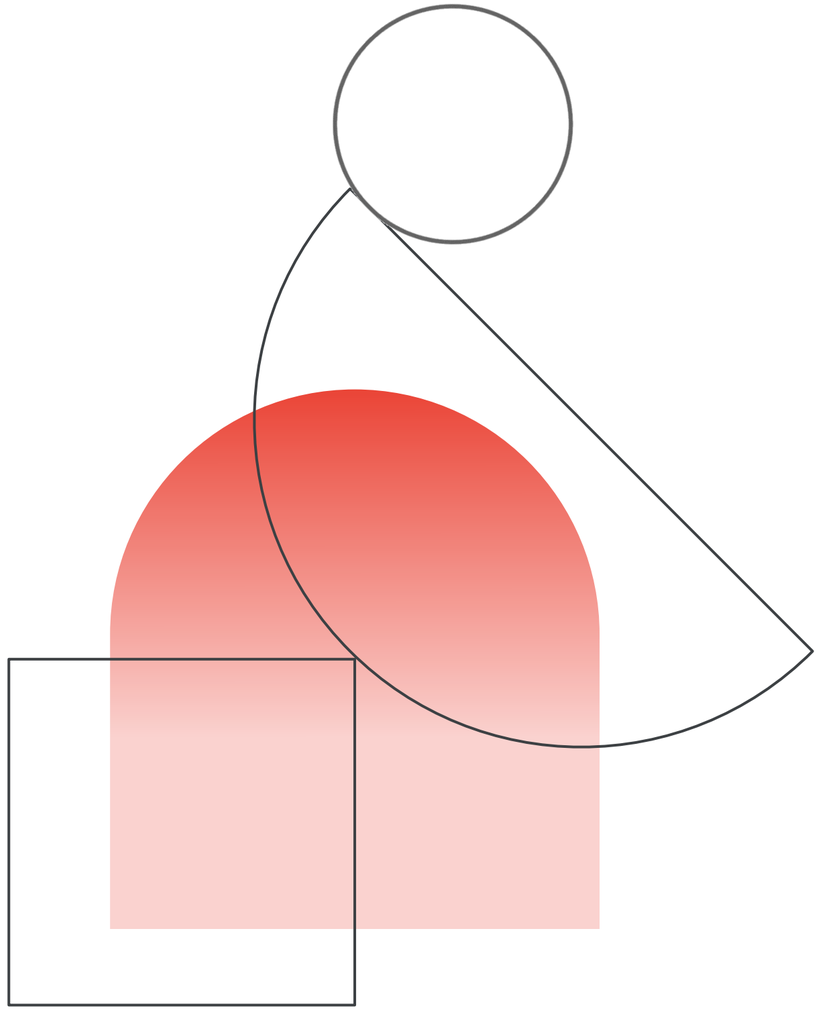
Prerequisites: None

Certification renewal: Candidates may renew their certification within the renewal eligibility period. For more information about the renewal process, eligibility period, and certification validity timeline, please refer to the Renewal FAQs below.

Renewal FAQs

Proprietary + Confidential

Registration DEMO



Google Cloud Certification has integrated with Google Skills

Don't have a Google Skills account?

- Select Sign In With Google Skills below to create a Google Skills account. Use the same email address you use to login to CM Connect.

Already have a Google Skills or Google Skills for Partners account?

- Sign in with Google Skills below.

Are you new to both Certmetrics/CM Connect and Google Skills?

- Select Sign In With Google Skills below to create a Google Skills account and get started.

NOTE: ***Logging in with Google Skills' single sign-on may create a new CM Connect account if an existing account is not identified through matching emails.***

- **Existing users can avoid the creation of duplicate accounts by using the same email address in both accounts.**
- **If you suspect the creation of a duplicate account, please select Request Merge from the Profile menu to merge the two accounts.**

Google

SIGN IN WITH GOOGLE SKILLS

ENGLISH

Visit https://support.google.com/cloud-certification/gethelp for answers to frequently asked questions or contact our support team at https://support.google.com/cloud-certification/contact/Cloud_Certifications_Contact.

© 2019–2026 Alpine Testing Inc.

cp.certmetrics.com/google/en/public/register

Incognito

Register

Google

BACK TO FIRST TIME LOGIN

ENGLISH

Legal First Name*

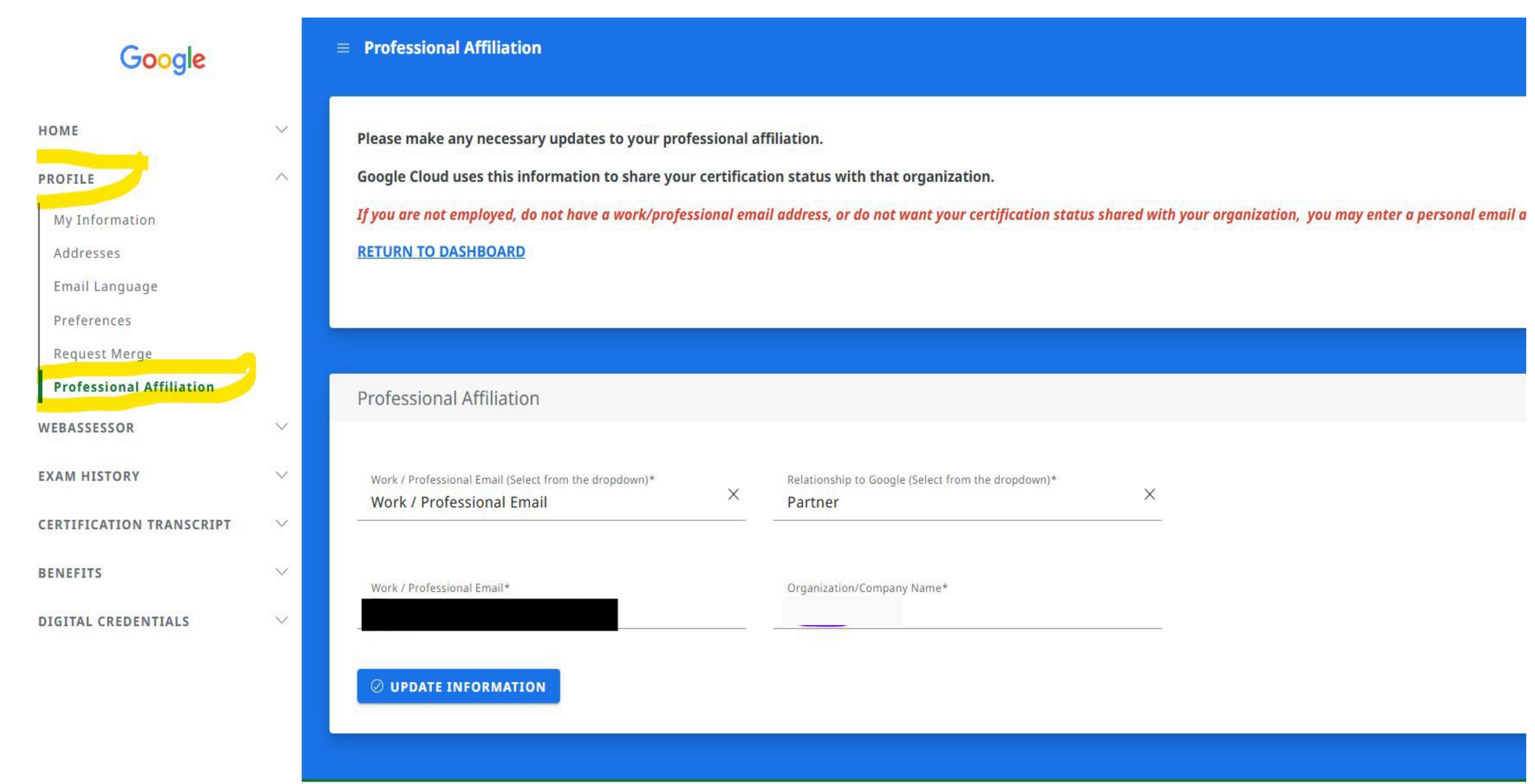
Legal Last Name*

Email Address*

Country*

Address*

Address (cont.)


Google
HOME
PROFILE
My Information
Addresses
Email Language
Preferences
Request Merge
Professional Affiliation
WEBASSESSOR
EXAM HISTORY
CERTIFICATION TRANSCRIPT
BENEFITS
DIGITAL CREDENTIALS
Professional Affiliation
Please make any necessary updates to your professional affiliation.
Google Cloud uses this information to share your certification status with that organization.
If you are not employed, do not have a work/professional email address, or do not want your certification status shared with your organization, you may enter a personal email a
RETURN TO DASHBOARD
Professional Affiliation
Work / Professional Email (Select from the dropdown)*
Work / Professional Email
Relationship to Google (Select from the dropdown)*
Partner
Work / Professional Email*
Organization/Company Name*
UPDATE INFORMATION

Google

HOME

My Dashboard

Announcements

PROFILE

EXAM SCHEDULING

EXAM HISTORY

CERTIFICATION TRANSCRIPT

BENEFITS

DIGITAL CREDENTIALS

Home

PATRICK HAGGERTY
GGLE00372821

Google Cloud



My Profile

VIEW

Schedule/Launch an Exam

VIEW

My Exam History

VIEW

My Credentials

VIEW

Benefits

VIEW

Digital Badges

VIEW

Announcements

VIEW ALL

Google

HOME

PROFILE

EXAM SCHEDULING

- Schedule an Exam
- Previous Appointments
- My Accommodations

EXAM HISTORY

CERTIFICATION TRANSCRIPT

BENEFITS

DIGITAL CREDENTIALS

Exam Scheduling

PATRICK HAGGERTY
GGLE00372821

Google Cloud certification exams are delivered through Pearson and can be taken either onsite at any available test center or remotely from your home or office.

Prior to selecting an online proctored exam, review all technology requirements and run a system test.

- **OnVUE delivery is not available in US sanctioned countries (Ex. Belarus, Cuba, Iran, North Korea, Russia, Syria, and restricted regions of Ukraine)**
- **A candidate who only has identification from a sanctioned country must have an approved identification from the non-sanctioned country where they are currently residing or test at a test center utilizing their current passport.**

Upcoming Appointments

No appointments scheduled

Eligible Exams

Search

Filter by Group

SORT BY Authorization Status Group Name Code Expiration Date

25

1–14 / 14

ASSOCIATE ASSOCIATE ASSOCIATE FOUNDATIONAL

Google Cloud

Google

HOME

PROFILE

EXAM SCHEDULING

Schedule an Exam

Previous Appointments

My Accommodations

EXAM HISTORY

CERTIFICATION TRANSCRIPT

BENEFITS

DIGITAL CREDENTIALS

Exam Scheduling

PATRICK HAGGERTY
GGLE00372821

ASSOCIATE
SCHEDULE
Google Cloud Certified - Associate Cloud Engineer
PR000260
SCHEDULE

ASSOCIATE
SCHEDULE
Google Cloud Certified - Associate Data Practitioner
PR000306
SCHEDULE

ASSOCIATE
SCHEDULE
Google Cloud Certified - Associate Google Workspace Administrator
PR000299
SCHEDULE

FOUNDATIONAL
SCHEDULE
Beta: Google Cloud Certified - Cloud Digital Leader
PR000222
EXPIRATION DATE
2026-07-05
SCHEDULE

FOUNDATIONAL
SCHEDULE
Google Cloud Certified - Cloud Digital Leader
PR000225
SCHEDULE

PROFESSIONAL
SCHEDULE
Google Cloud Certified - Professional Cloud Architect
PR000213
SCHEDULE

PROFESSIONAL
SCHEDULE
Google Cloud Certified - Professional Cloud Database Engineer
PR000256
SCHEDULE

PROFESSIONAL
SCHEDULE
Google Cloud Certified - Professional Cloud Developer
PR000266
SCHEDULE

PROFESSIONAL
SCHEDULE
Google Cloud Certified - Professional Cloud DevOps Engineer
PR000263
SCHEDULE

PROFESSIONAL
SCHEDULE
Google Cloud Certified - Professional Cloud Network Engineer
PR000240
SCHEDULE

PROFESSIONAL
SCHEDULE
Google Cloud Certified - Professional Cloud Security Engineer
PR000224
SCHEDULE

PROFESSIONAL
SCHEDULE
Google Cloud Certified - Professional Data Engineer
PR000258
SCHEDULE

Google Cloud

Select exam options

PR000213: Google Cloud Certified - Professional Cloud Architect

How do you want to take your exam?

In person at a test center

OnVUE Online with OnVUE

I have a Private Access Code

Terms Privacy Contact Privacy settings

Copyright 1996-2026 Pearson Education Inc. or its affiliate(s). All rights reserved.

Select exam options

PR000213: Google Cloud Certified - Professional Cloud Architect

How do you want to take your exam?

In person at a test center | OnVUE Online with OnVUE | I have a Private Access Code

Prepare for your test center exam



Your photo ID

We'll verify your government-issued identification (ID) when you arrive for your exam.

Review admission & ID policies.



What to expect

Familiarize yourself with the testing experience so you feel confident on test day.

Watch our short video.



Personal items

Review the items that you can have during testing that do not require prior approval.

View comfort aid list.

Questions?

Check out the FAQs.

Next

Google Cloud

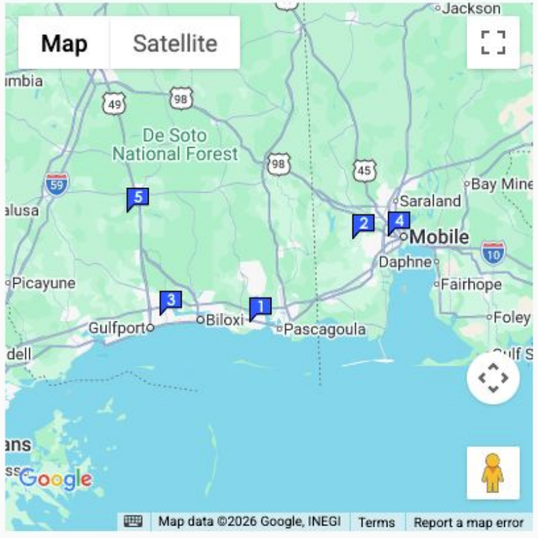
MILITARY COMMUNITY looking for on-base test centers, please click here.

You can select up to three test centers to compare availability.

Helpful hints:

- The test center information link may provide directions, parking, wheelchair support or other physical access considerations.
- Distance (mi/km) is a straight line calculated from the center point of your search criteria and does not reflect driving distance.

	Test Center	Distance (Show km)
☐ 1	**Mississippi Gulf Coast Community College** 2300 US Highway 90 Gautier, Mississippi 39553 United States Test Center Information	11.6 mi
☐ 2	**Fortis College** 7033 Airport Boulevard Mobile, Alabama 36608 United States Test Center Information	22.0 mi
☐ 3	**Mississippi Gulf Coast Community College** 2226 Switzer Road Student Services Building Assessment Center Gulfport, Mississippi 39507 United States Test Center Information	29.5 mi
☐ 4	**Bishop State Community College**	30.3 mi



Next

Google Cloud

Select exam options

PR000213: Google Cloud Certified - Professional Cloud Architect

How do you want to take your exam?

In person at a test center | OnVUE Online with OnVUE | I have a Private Access Code

Prepare to take your exam with OnVUE



Your computer

Use a personal computer that has a reliable webcam and internet connection.

Run system test.



Your testing space

The room should be a distraction-free, private place.

See acceptable spaces and view permitted comfort aid list.



Your photo ID

We'll verify your government-issued identification (ID) when you arrive for your exam.

Review admission & ID policies



What to expect

Check in for your OnVUE exam 30 minutes before your appointment time.

Watch our short video to get familiar with the process.

Questions?

Check out the OnVUE FAQs and minimum technical requirements.

Next

Google Cloud

America/Chicago-CDT

No, change time zone | Yes, that's right!

2. Select your date

Select a date from the calendar. Only dates with appointment availability can be selected.

< **June 2026** >

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Why can't I find an available appointment?

3. Select your appointment start time

How would you like times displayed?

12 hr (e.g., 2:00 PM) | 24 hr (e.g., 14:00)

Recommended time:

Saturday, June 13, 2026

3:15 PM - 5:30 PM America/Chicago-CDT

Your check-in time will be 2:45 PM America/Chicago-CDT

Explore more times | Book this appointment

Google Cloud

Cart

Description	Details	Price	Actions
Exam PR000213: Google Cloud Certified - Professional Cloud Architect Language: English Length: 135 minutes	**Appointment** Saturday, June 13, 2026 Check-in time: 2:45 PM America/Chicago - CDT Start time: 3:15 PM America/Chicago - CDT Change Appointment	200.00	Remove

Total Due

Subtotal:	200.00
Estimated Tax:	0.00
ESTIMATED TOTAL DUE:	**USD 200.00**

You can enter voucher/promotion codes on the billing screen.

ESTIMATED TOTAL DUE: USD 200.00 Proceed to Checkout

Google Cloud

Enter payment and billing

Order Total

Subtotal:	200.00
Estimated Tax:	0.00
ESTIMATED TOTAL DUE:	**USD 200.00**

Add Voucher or Promo Code

What is this?

Voucher/Promotion Code:

Apply

Required information is marked with an asterisk (*). Enter information on this page in the single byte alphanumeric characters.

Payment

*Payment type:

Select one...

Previous

Next

Proprietary + Confidential

Generative AI Leader: Taking the test

Online

Pros

- Take it from home. No need to commute.
- Flexible Hours
- Can be rescheduled if needed

Cons

- Can be overwhelming during inspection.
- Need extra 20 mins if you are taking a GCP test for the first time.
- Challenges with corporate laptops
- Online testing machine requirements

In-Person

Pros

- No hassle. Just walk in and start your test
- Can be rescheduled if needed
- Distractions free

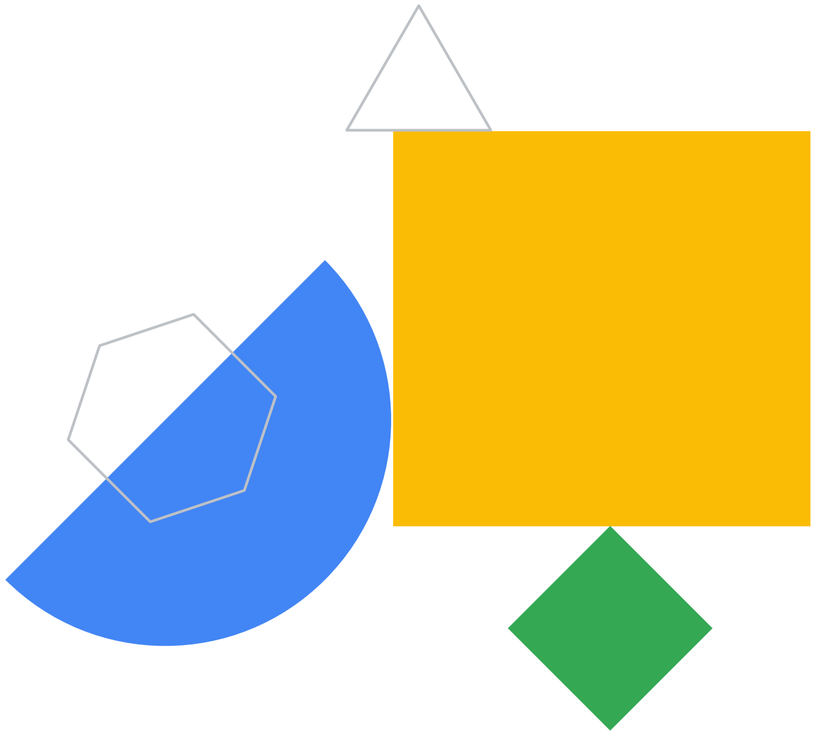
Cons

- Not as many available times
- Don't bring anything but your two IDs and your test code
- Small monitors

Google Cloud

Preparing for the Exam

Generative AI Leader



Proprietary + Confidential

Generative AI Leader Learning Path



01

Gen AI: Beyond the chatbot

02

Gen AI: Unlock foundational concepts

03

Gen AI: Navigate the landscape

04

Gen AI apps: Transform your work

05

Gen AI agents: Transform your organization

Proprietary + Confidential

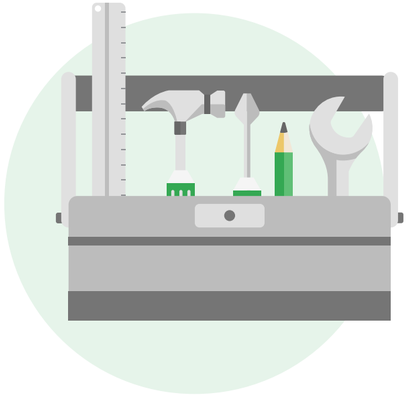
Building knowledge in three key areas:



Gen AI
General Knowledge



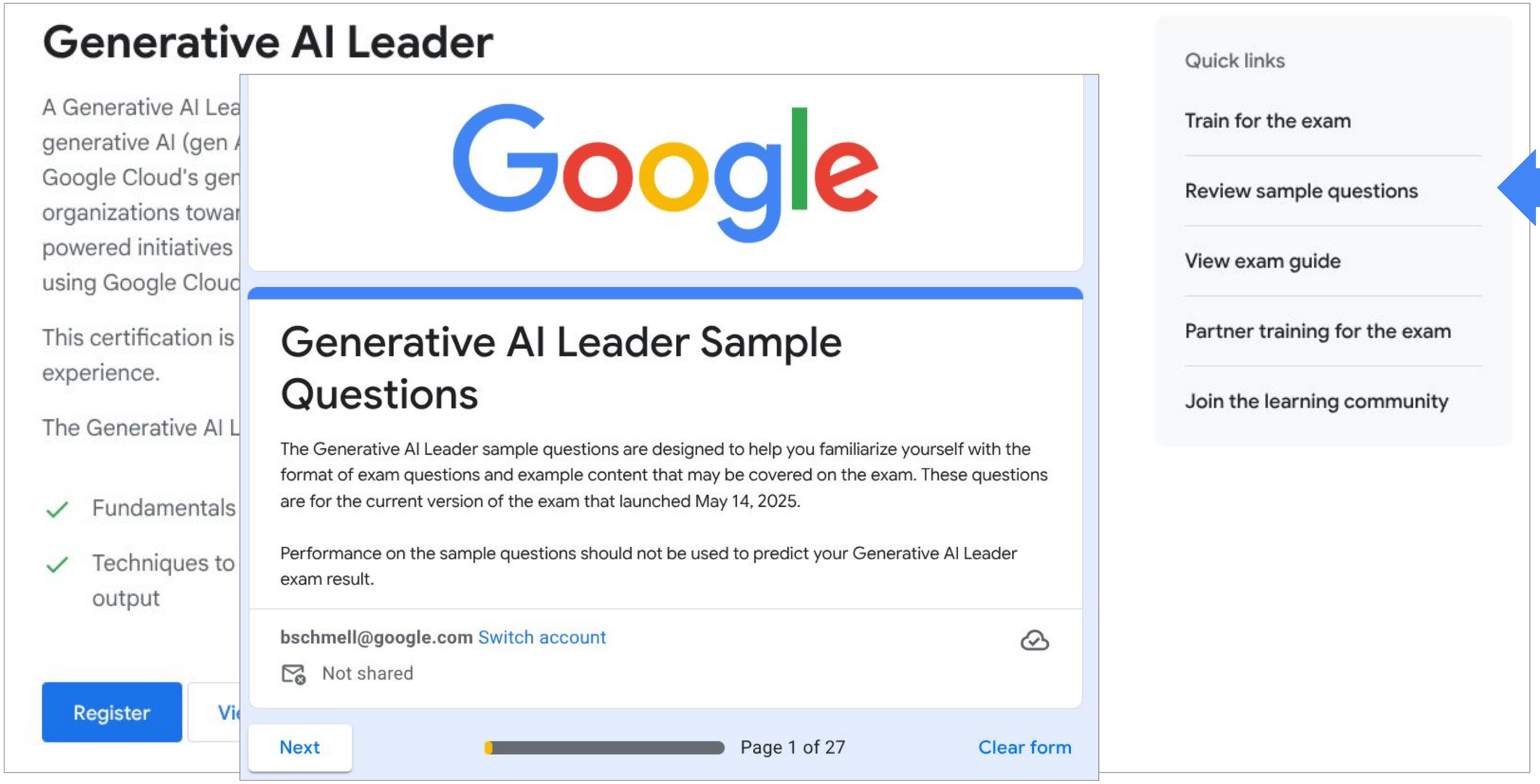
Gen AI
Google Cloud knowledge



Gen AI
Google products and services

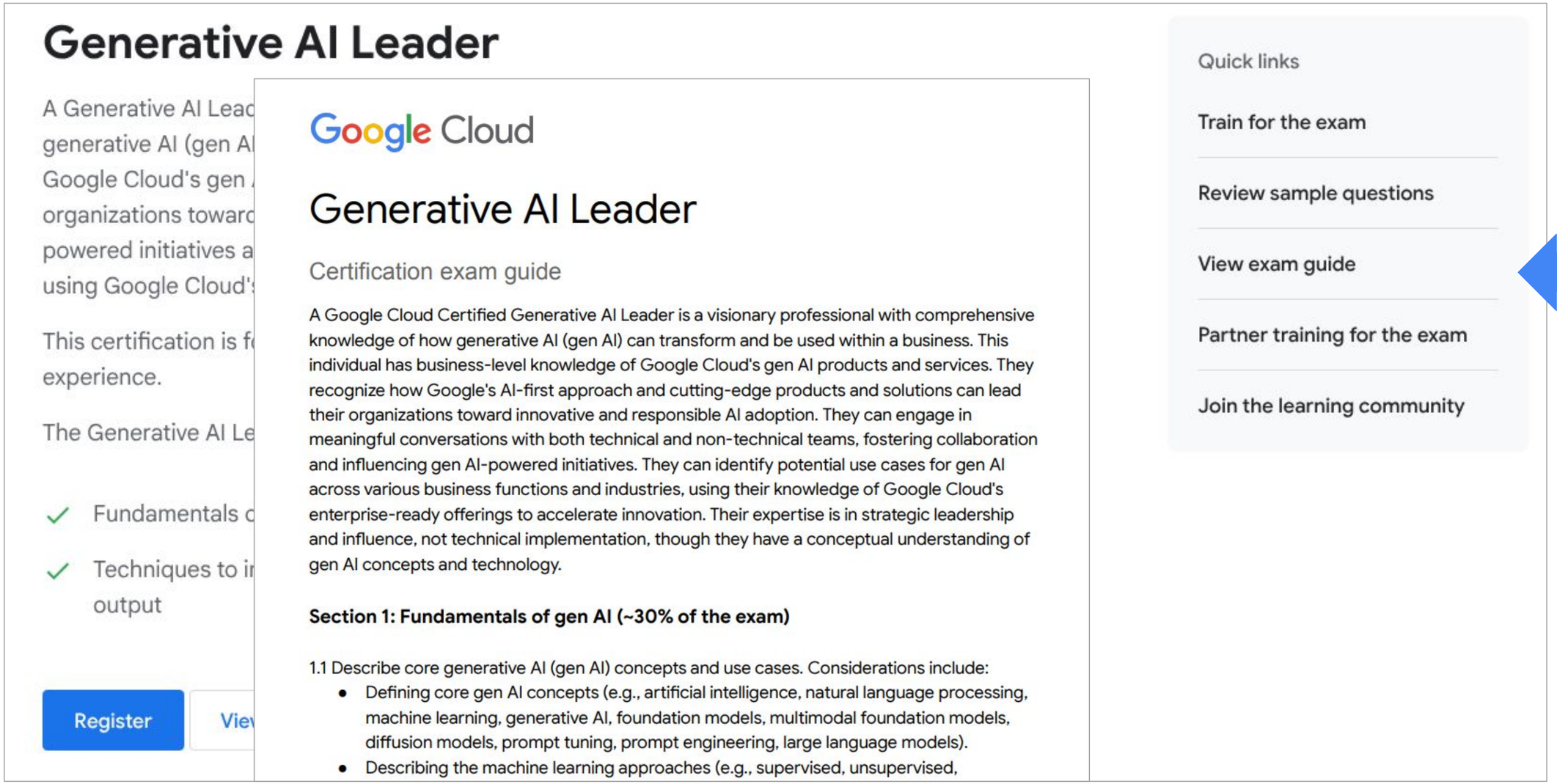
Proprietary + Confidential

Sample Exam Questions



[GAIL Certification Exam Registration]

Exam Guide



[GAIL Certification Exam Registration]

Proprietary + Confidential

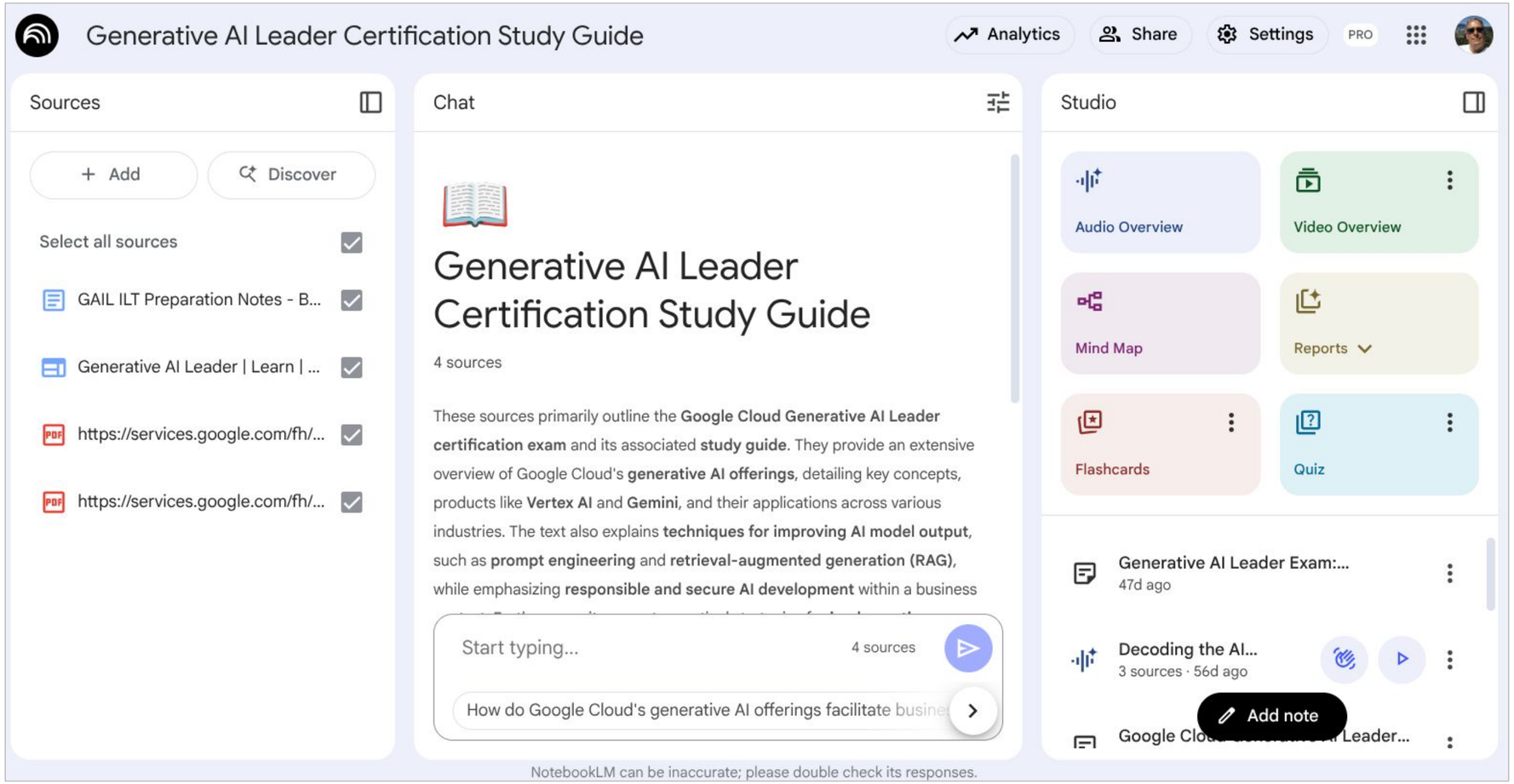
How About Using NotebookLM?

Sources:

- Exam Guide
- Your course materials
- Other resources

Tips:

- Create a podcast
- Create mind maps
- Create glossary of key terms
- Create study flashcards



Sources

+ Add sources

Search the web for new sources

Web | Fast Research

Select all

- Generative AI Leader (ILT)_Course Ope...
- Generative AI Leader (ILT)_Module2_G...
- Generative AI Leader (ILT)_Module3_G...
- Generative AI Leader (ILT)_Module4_G...
- Generative AI Leader (ILT)_Module5_G...
- generative_ai_leader_exam_guide_engl...

Chat

adapted for a wide range of downstream tasks [12]. Leaders do not need to build these from scratch; instead, they can leverage Google Cloud's ecosystem to utilize existing models [3] [13]. These powerful tools are accessed through **prompting**, which the course describes as a vital skill that users can develop through practice and experimentation [12].

Overcoming Limitations and the Human Element A critical responsibility for a Generative AI Leader is recognizing and proactively managing the limitations of foundation models, such as bias, the knowledge cutoff, edge cases, and hallucinations [14] [15]. To overcome these performance limitations, leaders must employ strategies like:

- **Grounding:** Connecting the model to enterprise data, third-party data, or Google Search to ensure accuracy [15] [16].
- **Prompt engineering and fine-tuning:** Refining how the model is instructed and adapted [14] [15].
- **Human in the loop (HITL):** Ensuring human oversight remains part of the workflow [14] [15].

Ultimately, the materials stress that while gen AI can provide data, insights, and automation to drive efficiency and creativity, **human ingenuity is still essential** [17] [...]. A successful Generative AI Leader understands that human critical thinking is required to interpret AI insights, and strong interpersonal skills are crucial for building trust, collaborating, and making informed strategic decisions [18] [...].

Save to note

Today • 12:25 PM

Ask a question or create something

6 sources

Studio

- Audio Overview
- Slide Deck
- Video Overview
- Mind Map
- Reports
- Flashcards
- Quiz
- Infographic
- Data Table

AI Roadmap
6 sources · 6d ago

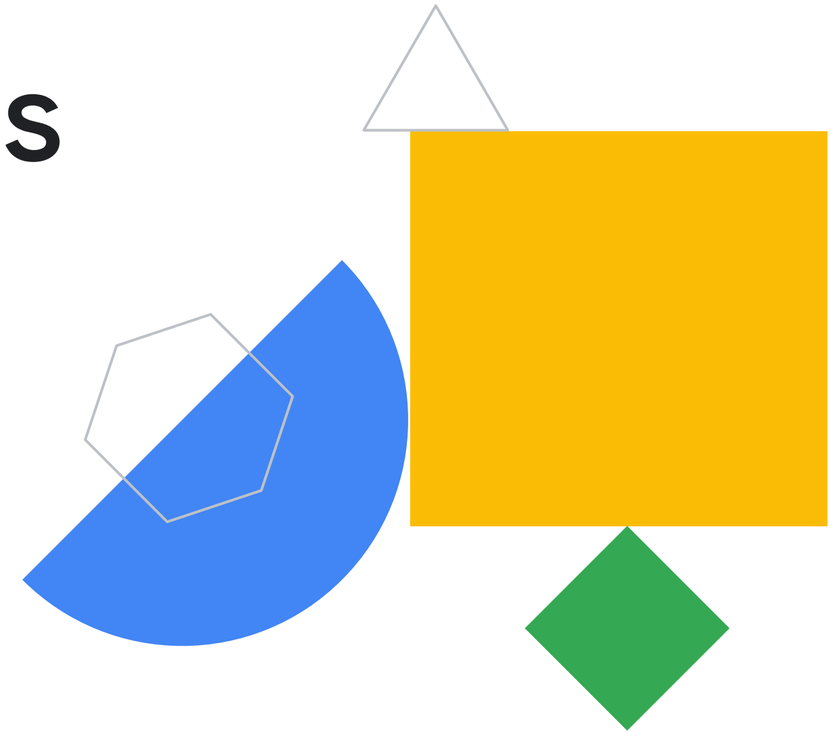
Add note

NotebookLM can be inaccurate; please double check its responses.

Google Cloud

Exam Review Questions

Generative AI Leader



Proprietary + Confidential

Format of exam questions

- Duration: 90 minutes (from the moment you start exam)
- 50-60 questions
- All multiple choice
- Check Exam Guide for distribution of questions
- You can go back and forth between questions
- Option: Bookmark for review
- Results: Tentative results given upon submitting exam

Proprietary + Confidential

A human resources department deploys a generative AI (gen AI) model to screen job applications and provide a shortlist of candidates to recruiters. Recruiters notice that some seemingly qualified candidates are consistently being overlooked, but the AI provides no explanation for its rankings or exclusions. The company needs to address this lack of transparency. What should they do?

- ○ Collect a larger and more diverse dataset for the gen AI model.
- ○ Fine-tune the gen AI model.
- ○ Implement explainable gen AI policies.
- ○ Develop fairness assessments for the gen AI model.

A company is evaluating the use of large language models (LLMs) to enhance its operations and customer interactions. What is a primary characteristic of LLMs? *

- LLMs excel in highly specific technical tasks requiring deep, singular domain expertise.
- LLMs learn and generalize effectively from small datasets for niche applications.
- LLMs have strong inherent logical reasoning and problem-solving abilities without extra prompting.
- LLMs are trained on vast datasets, enabling broad language and context understanding, and adaptability across many tasks.

An AI robot learns optimal package delivery routes in a city. It receives positive scores for fast, successful deliveries and negative scores for delays or failures. Through this feedback, the robot improves its navigation over time. What type of machine learning is being used to train the robot? *

- ○ Supervised learning
- ○ Deep learning
- ○ Unsupervised learning
- ○ Reinforcement learning

A company wants to use generative AI (gen AI) to automate complex workflows and improve decision-making across its various departments. They are considering implementing AI agents as a key component of their strategy. What is the primary function of an AI agent in a gen AI system? *

- ○ To provide the computing power for training and running advanced AI models.
- ○ To be the user interface for interacting with AI models.
- ○ To be a smart system that can analyze, use tools, and make decisions to reach goals.
- ○ To be a central storage place for the data that AI models use.

An advertising agency needs to quickly generate many photorealistic images from text for client campaigns because traditional photoshoots are slow and costly. They want to rapidly create high-quality visuals from text and reduce expenses. Which Google foundation model should they use? *

- Gemini
- Gemma
- Veo
- Imagen

A company is planning to integrate generative AI into its operations but is wary of becoming dependent on a single technology provider. They prioritize the ability to choose and integrate different AI tools and platforms as their needs evolve. Which inherent characteristic of Google Cloud would address this concern? *

- Google Cloud's emphasis on an open approach within its AI offerings.
- Google Cloud's commitment to tightly integrated, proprietary AI solutions
- Google Cloud's strategy prioritizing fully managed AI services that simplify the user experience
- Google Cloud's primary focus on automating AI workflows

A consulting research team needs to analyze multiple lengthy reports and documents to find key trends and make client recommendations. They require a method to quickly understand each document's core findings, link information across sources, and efficiently organize insights for their report. Manual methods are too slow and complex. Which Google Cloud offering should they use? *

- NotebookLM
- Gemini app
- Agent Search on Gemini Enterprise Agent Platform
- Google Workspace with Gemini

A grocery store chain has data in several internal systems like sales, inventory, and marketing. Employees waste time searching these systems for information on product performance, stock, and campaign effectiveness. They need a central way to easily access and understand data across these systems for better decisions and efficiency. Which Google Cloud offering should they use? *

- Google Workspace with Gemini
- Gemini Enterprise
- Agent Search on Gemini Enterprise Agent Platform
- Conversational Agents

A tech company has separate teams using different tools for their machine learning projects, causing duplicated work and scaling issues. They need a central platform to manage all their AI development, deployment, and monitoring efficiently. Which Google Cloud offering should they use? *

- ○ Cloud Functions
- ○ Gemini Enterprise Agent Platform
- ○ Gemini Enterprise
- ○ BigQuery

A software company's AI chatbot struggles to answer customer questions about recently released features because this information is not in its original training data. Customers are getting inaccurate answers, increasing support agent workload. The company wants the chatbot to use the latest product documentation to give accurate, up-to-date responses without retraining the entire model. Which technique should they use? *

- ○ Fine-tuning
- ○ Prompt engineering
- ○ Retrieval-augmented generation (RAG)
- ○ Human-in-the-loop (HITL)

A business analyst asks a generative AI model about the quarterly revenue of a small startup that recently entered the market. The model confidently provides a specific revenue figure and even mentions a supposed press release detailing the company's success. However, after further investigation, the analyst discovers that the startup has not yet released any financial reports, and no such press release exists. The information provided by the AI model is entirely fabricated despite sounding plausible. Which type of large language model limitation does this exemplify? *

- Bias
- Knowledge cutoff
- Data dependency
- Hallucinations

A generative AI tool that answers employee policy questions is providing outdated and inaccurate information, causing confusion. The company wants the tool to give reliable answers based on the latest official documents. What should the organization do? *

- ○ Fine-tune the underlying language model with a broader dataset of general knowledge.
- ○ Increase the temperature setting of the language model.
- ○ Implement grounding techniques.
- ○ Reduce the token count parameter.

A sales team wants to create dynamic and personalized video pitches for potential clients. They receive client information in various formats and need an AI model that can transform this information into engaging video content tailored to each client's specific needs and challenges. Which Google model should they use? *

- ○ Gemma
- ○ Gemini
- ○ Imagen
- ○ Veo

A growing retail company with fragmented phone, email, and basic website chat support needs a unified cloud solution. They require integrated communication channels, consistent customer experiences, and scalable support that ensures security and privacy. Which Google Cloud offering should they use? *

- Gemini Enterprise Agent Platform
- Google Cloud Contact Center as a Service
- Conversational AI
- Agent Search on Gemini Enterprise Agent Platform

An organization is seeking to improve how its employees access and use internal company information scattered across various systems. They want to provide their knowledge workers with tools that can understand and use this data to enhance productivity and decision-making. What is a key benefit of using Gemini Enterprise in this scenario? *

- Gemini Enterprise primarily focuses on enhancing external customer engagement through AI-powered chatbots.
- Gemini Enterprise directly manages the underlying infrastructure and hardware required for AI model training.
- Gemini Enterprise allows employees to find and use internal information more easily by creating custom AI agents that can access and understand data from various enterprise sources.
- Gemini Enterprise is mainly designed for building and deploying custom machine learning models for predictive analytics.

What is reinforcement learning? *

- ○ Learning from labeled data with correct output pairs.
- ○ Learning by identifying patterns in unlabeled data.
- ○ Learning through interaction and feedback.
- ○ Learning by training on vast data to generate new content.

A company is developing a system to automatically categorize customer support emails. They have a collection of thousands of past emails, and each email has been manually reviewed and tagged with a category such as "Billing Inquiry," "Technical Support," or "Feature Request." What type of data is this? *

- ○ Unlabeled data
- ○ Labeled data
- ○ Structured data
- ○ Raw data

What is the definition of a generative AI (gen AI) model? *

- A physical device that houses the hardware components of a gen AI system.
- A complex algorithm trained on vast amounts of data to learn patterns and relationships.
- A user interface that allows users to interact with a gen AI system.
- A set of rules and guidelines governing responsible development and use of gen AI.

A video game company created a virtual reality game with virtual characters that can interact with users in a more natural and intuitive way by using gestures and facial expressions to communicate. What type of agent is this? *

- Creative agent
- Workflow agent
- Virtual assistant agent
- Conversational agent

A software company has developers who need to write, review, debug, and generate code from natural language descriptions by using generative AI. What type of agent is this? *

- Data analysis agent
- Workflow agent
- Data agent
- Code agent

An advertising agency needs to quickly create many different photorealistic images from text descriptions for client campaigns because traditional photoshoots are too slow and costly. The agency's goal is to generate high-quality visuals rapidly from text to improve campaign speed and lower expenses. Which Google foundation model should be used? *

- Gemini
- Gemma
- Veo
- Imagen

A research scientist wants to use Veo to visualize live, fluctuating data streams on a real-time dashboard. Why would Veo be a poor choice for this particular task? *

- Veo generates videos from static inputs like text or images and cannot process or dynamically visualize live data.
- Veo may lack specific scientific visualization styles needed for accurate data representation.
- Veo use for this scenario would require too many computational resources.
- Veo is designed for short-form video, not continuous, long-duration live data displays.

A company sells custom-designed phone cases on their website. How should Imagen be effectively used? *

- ○ To generate realistic images of phone cases on devices from text descriptions of designs.
- ○ To analyze customer feedback to identify popular phone case design trends.
- ○ To predict demand for different phone case designs based on sales data.
- ○ To transcribe customer audio feedback on prototypes of phone case designs.

A company lacks extensive in-house machine learning and AI expertise. How does Google Cloud democratize AI? *

- By offering exclusive access to its most powerful AI models for high-spending clients.
- By providing fully automated AI solutions requiring no technical user input.
- By providing a comprehensive AI platform with low-code/no-code tools, pre-trained models, and easy-to-use APIs.
- By offering free custom AI solution development and deployment for all businesses.

A marketing team is brainstorming creative ideas for a new social media campaign. They want to quickly generate various taglines and initial post drafts to explore different angles and messaging options. They need a Google Cloud prebuilt generative AI tool without additional setup that allows for rapid content creation and experimentation. What should the team do? *

- Use NotebookLM to upload past successful campaigns and analyze their key elements.
- Use the Gemini app to create taglines and social media post drafts that align with their campaign goals and target audience.
- Create a custom Gem in Gemini Advanced with specific brand guidelines and target audience profiles.