



GCP 자격증 소개

강사 : 고병화



Google GCP 자격증 종류

https://cloud.google.com/certification#certification_paths

- Basic Level : Not for Developer but Organizer

Foundational

Recommended experience: No hands-on experience with Google Cloud is required.

Cloud Digital Leader

Associate

Recommended experience: 6+ months building on Google Cloud.

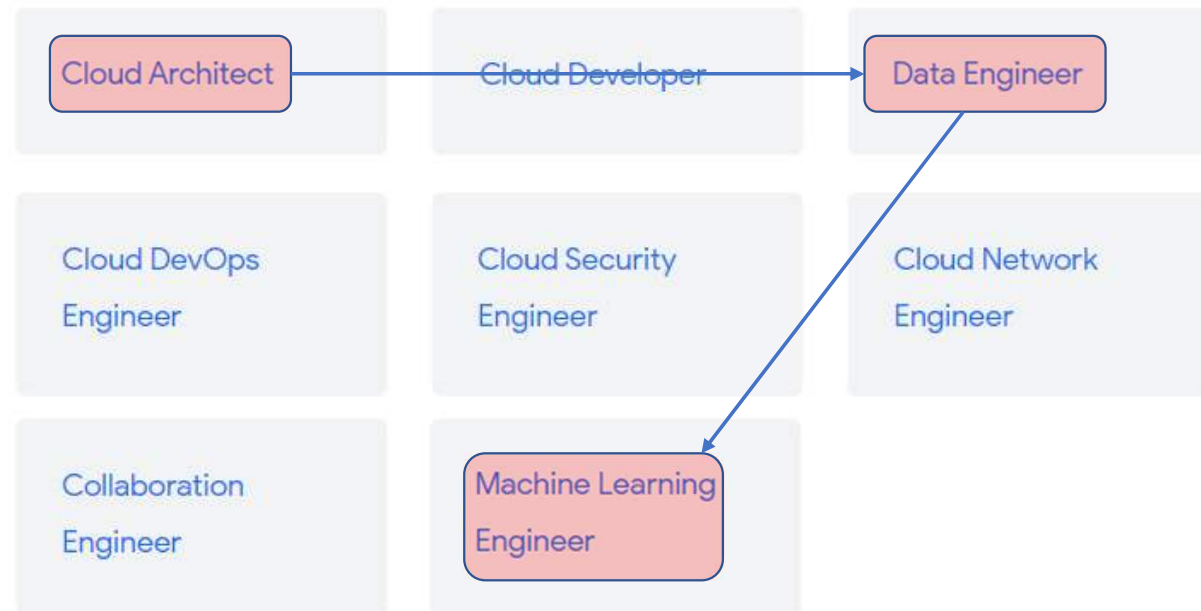
Cloud Engineer

Google GCP 자격증 종류

- Advanced Level : For Developer

Professional

Recommended experience: 3+ years industry experience, including 1+ years on Google Cloud.



01) Google Professional Cloud Architect

- **Length:** 2 hours
- **Registration fee:** \$200 (plus tax where applicable)
- **Languages:** English, Japanese.
- **Exam format:** Multiple choice and multiple select taken remotely or in person at a test center.
- **학습 소스 :** <https://cloud.google.com/certification/cloud-architect>

02) Google Professional Data Engineer

- **Length:** 2 hours
- **Registration fee:** \$200 (plus tax where applicable)
- **Languages:** English, Japanese.
- **Exam format:** Multiple choice and multiple select taken remotely or in person at a test center.
- **학습 소스 :** <https://cloud.google.com/training/data-engineering-and-analytics#data-engineer-learning-path>


03) Professional Machine Learning Engineer


- **Length:** 2 hours
- **Registration fee:** \$200 (plus tax where applicable)
- **Languages:** English,
- **Exam format:** Multiple choice and multiple select
- 학습 소스 : <https://cloud.google.com/certification/machine-learning-engineer>

Google 자격증 시험 등록

<https://webassessor.com/googlecloud>

Home | OLP Resources | Help | Create New Account



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Ready to start?

Please log in with your Google Cloud Webassessor account to see our catalog and register for an exam.

[Forgot password?](#)

Make sure you review the [retake policy](#) and [recertification eligibility criteria](#) before you take an exam. There is a limit on the number of times you can take the exam and a waiting period between attempts (even if you are taking the same exam in a different language). It is the user's responsibility to adhere to these [terms and conditions](#) to avoid possible suspension or rejection of exam results.

Don't have an account?







Click [here](#) to create a Google Cloud Webassessor account for exams in English.

To see what other languages are available, go [here](#).

Google Cloud Certified - Professional Data Engineer (English)

This is the Google Cloud Certified - Professional Data Engineer exam. Please refer to the exam guide for current topics that may appear on the exam. You may attempt an exam at a test center or online and each attempt regardless of delivery method or language counts toward the total permissible attempts and the waiting period between attempts still applies (see our Retake Policy).

multiple

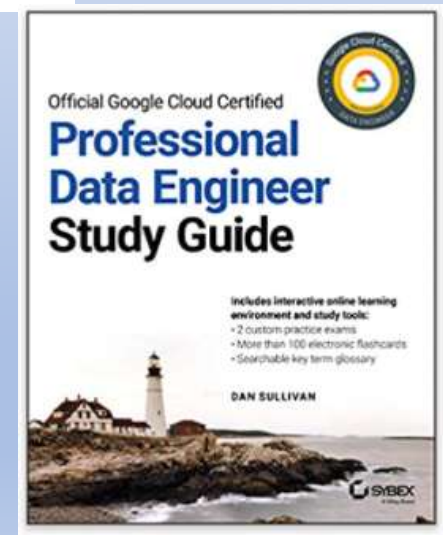
Google Cloud Certified - Professional Data Engineer (English)	Pre-requisites:: Retake Policy :	 	Onsite Proctored	USD 200.00	
Google Cloud Certified - Professional Data Engineer (English)	Pre-requisites:: Retake Policy :	 	Remote Proctored	USD 200.00	

참고 서적

- 구글 클라우드 플랫폼 뽀개기
- 박정운 저 , [비제이퍼블릭]



- Professional Data Engineer Study Guide
- Dan Sullivan , [SYBEX]



COUSERA 강의

<https://www.coursera.org/professional-certificates/gcp-data-engineering>

The screenshot shows the Coursera website for the "Google Cloud Certification: Professional Certification to Prepare for Cloud Data Engineer" course. The header includes the Coursera logo, a search bar, and navigation links for "online degree", "Find a career", and "Coursera for". The main content area has a blue background with the course title and provider information. The course is provided by Google Cloud Training and has a 4.6 rating from 6,002 reviews. A "Register for free" button is prominently displayed, along with a note that the course is scheduled to start on February 6th and that financial aid is available. Below this, it states that 62,370 people have already registered. A navigation bar includes links for "Introduction", "how it works", "lecture", "teacher", "Registration option", and "FAQ". The "WHAT TO LEARN" section lists four key learning objectives, each preceded by a green checkmark. The "LEARNER CAREER RES" section shows two statistics: 18% for starting a new career after specialization and 13% for raising pay or getting a promotion.

coursera quest ▾ What do you want to learn? 🔍 online degree Find a career Coursera for

Search > data science > machine learning

Provider: **Google Cloud**

Google Cloud Certification: Professional Certification to Prepare for Cloud Data Engineer

Advance your career in data engineering

★★★★☆ 4.6 6,002 ratings

Google Cloud Training

Register for free
Scheduled to start on February 6th

Financial aid available

62,370 people have already registered.

Introduction how it works lecture teacher Registration option FAQ

WHAT TO LEARN

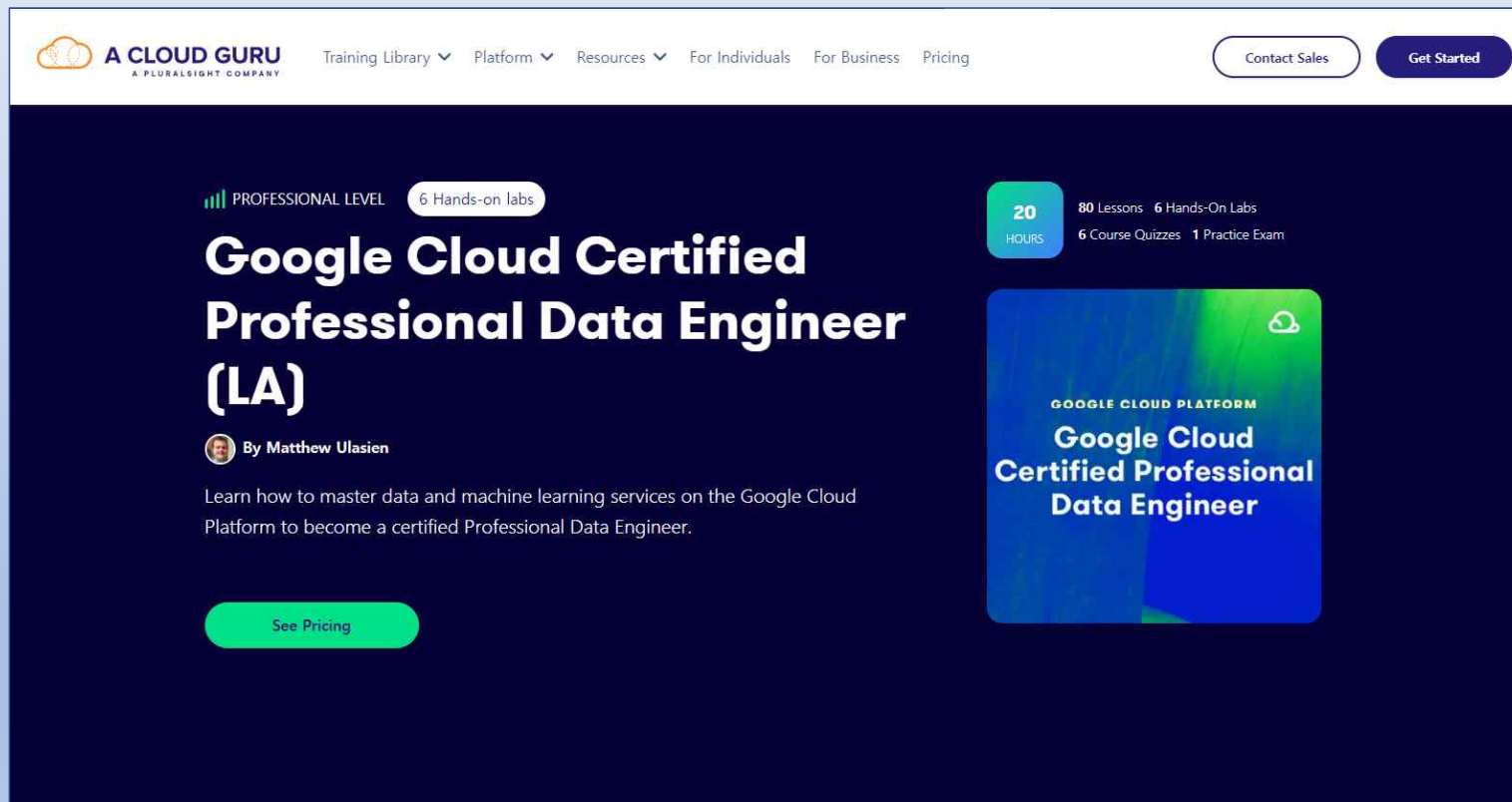
- ✓ Identify the purpose and value of the key Big Data and Machine Learning products in Google Cloud.
- ✓ Use Cloud SQL and Dataproc to migrate existing MySQL and Hadoop/Pig/Spark/Hive workloads to Google Cloud.
- ✓ Employ BigQuery to carry out interactive data analysis.
- ✓ Choose between different data processing products on Google Cloud.

LEARNER CAREER RES

- 18%** Starting a new career after specialization
- 13%** Raise your pay or get a promotion

CLOUD GURU (🔗 Linux Academy)

<https://acloudguru.com/course/google-cloud-certified-professional-data-engineer-la>



The screenshot displays the A Cloud Guru website interface. At the top, the navigation bar includes the A Cloud Guru logo (A PLURALSIGHT COMPANY), a menu with links to Training Library, Platform, Resources, For Individuals, For Business, and Pricing, and two buttons: Contact Sales and Get Started.

The main content area features the course title "Google Cloud Certified Professional Data Engineer (LA)" in large white text. Above the title, it indicates "PROFESSIONAL LEVEL" and "6 Hands-on labs". Below the title, a small profile picture of Matthew Ulasien is followed by the text "By Matthew Ulasien". A descriptive paragraph states: "Learn how to master data and machine learning services on the Google Cloud Platform to become a certified Professional Data Engineer." A green button labeled "See Pricing" is positioned below the text.

To the right of the main text, a blue box contains the course details: "20 HOURS", "80 Lessons", "6 Hands-On Labs", "6 Course Quizzes", and "1 Practice Exam". Below this, a blue and green graphic with the Google Cloud logo and the text "GOOGLE CLOUD PLATFORM Google Cloud Certified Professional Data Engineer" is shown.

UDEMY

<https://www.udemy.com/course/google-cloud-professional-data-engineer-get-certified/>

The screenshot shows the UDEMY website interface. At the top, there's a navigation bar with the UDEMY logo, a search bar, and a 'Teach on UDEMY' link. Below the navigation bar, the course title 'Google Cloud Professional Data Engineer: Get Certified 2022' is prominently displayed. The course is described as 'Build scalable, reliable data pipelines, databases, and machine learning applications.' It has a 'Bestseller' badge, a 4.4-star rating from 2,225 reviews, and 43,919 students. The course is created by Dan Sullivan, KMA Sullivan, and was last updated on 8/2021. The course is available in English and English [Auto].

What you'll learn

- ✓ How to pass the Google Cloud Professional Data Engineer Exam
- ✓ Choose appropriate storage systems, including relational, NoSQL and analytical databases
- ✓ Deploy machine learning models in production
- ✓ Design scalable, resilient distributed data intensive applications
- ✓ Evaluate and improve the quality of machine learning models
- ✓ Build scalable, reliable data pipelines
- ✓ Apply multiple types of machine learning techniques to different use cases
- ✓ Monitor data pipelines and machine learning models
- ✓ Migrate data warehouse from on-premises to Google Cloud
- ✓ Grasp fundamental concepts in machine learning, such as backpropagation, feature engineering, overfitting and underfitting.

Preview this course

₩14,000 ~~₩89,000~~ 84% off
⏰ 1 day left at this price!

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This course includes:

- 📺 6 hours on-demand video
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- ∞ Full lifetime access
- 📱 Access on mobile and TV
- 📋 Assignments
- 📜 Certificate of completion

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Dan Sullivan 강의

기출문제 제공


<https://www.examttopics.com/exams/google/professional-data-engineer/view/>


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Google Professional Data Engineer Exam Actual Questions

The questions for Professional Data Engineer were last updated at Feb. 5, 2022.

Viewing page 1 out of 49 pages.

Viewing questions 1-5 out of 244 questions

Custom View Settings

Topic 1 - Single Topic

Question #1

Topic 1

Your company built a TensorFlow neural-network model with a large number of neurons and layers. The model fits well for the training data. However, when tested against new data, it performs poorly. What method can you employ to address this?

- A. Threading
- B. Serialization
- C. Dropout Methods
- D. Dimensionality Reduction



This acknowledges that

BYOUNGHWHA GO

has successfully completed all the requirements to be recognized as a

GOOGLE CLOUD CERTIFIED

PROFESSIONAL CLOUD ARCHITECT

Thomas Kurian
CEO, Google Cloud



Series ID: 17436
Issue Date: 6 Mar 2020
Expiration Date: 6 Mar 2022
Certification ID: 15v1D5
Certified As: Byoungghwa Go



This acknowledges that

BYOUNGHWHA GO

has successfully completed all the requirements to be recognized as a

GOOGLE CLOUD CERTIFIED

PROFESSIONAL DATA ENGINEER

Thomas Kurian
CEO, Google Cloud



Series ID: 19535
Issue Date: 15 Dec 2021
Expiration Date: 15 Dec 2023
Certification ID: rZtCal
Certified As: BYOUNGHWHA GO



TensorFlow Developer Certificate

This certifies that

Byounghwa Go

has passed the TensorFlow Developer Certificate exam covering foundational, practical machine learning skills through the building and training of models using TensorFlow.

Laurence Moroney
Head of TensorFlow Advocacy

Issue Date
February 15, 2021

Expiration Date
February 15, 2024

Certificate ID
28812560



BYOUNGHWA GO

has successfully completed the AWS Certification requirements and has achieved their:

AWS Certified Solutions Architect - Associate

Issue Date
Jul 02, 2021

Expiration Date
Jul 02, 2024

Maureen Loneragan
Director, Training and Certification

Validation Number R6KJG2NJJ11QOBG8
Validate at: <http://aws.amazon.com/verification>

Thank you!