Google Cloud

Pre-Sales Technical Expert Badge

AI/ML Pre-sales Technical Expert

This AI/ML Pre-sales Technical Expert learning path guides you through a curated collection of content focused on building and implementing AI/ML Solutions on Google Cloud. It's designed to equip you with the essential skills to leverage Google Cloud's powerful AI and Machine Learning services to develop intelligent applications and solve complex business problems.

To earn your AI/ML Pre-sales Technical Expert Badge you must successfully complete this learning path and hold at least one active Google Cloud Professional Certification.

Upon successful completion of all three skill badges and having at least one active Google Cloud Professional Certification, you will obtain the **AI/ML Pre-sales Technical Expert Badge**, validating your comprehensive proficiency in building and delivering AI/ML solutions on Google Cloud.

Course activities use an external tool (Yoodli). Refer to Yoodli's Terms of Service and Privacy Notice.

Optional prep resources

While these resources are optional, we encourage you to use them. They will help you establish the foundational knowledge to help you maximize your success in the **Build AL/ML Models on Google Cloud Skill Badge.**

Train Custom ML Models on Vertex AI

- Prototype to Production: Training custom models with Vertex AI - Codelab
- Custom Training Beginner's Guide - Guide
- Train Custom ML Models on Vertex AI Pipelines - Guide
- Vertex AI: Training and Serving a Custom Model - Lab Link
- Overview: Train and use your own models - Guide

Create and Test OCR and Forms Processors

- Build Custom Processors with Document AI - Course Link
- Automate Data Capture at Scale with Document AI - Course Link

Export a BigQuery ML Model for Online Prediction

- Export a BigQuery ML model for online prediction - Documentation link
- Deploy a BigQuery ML Customer Churn Classifier to Vertex AI for Online Predictions - Lab Link

Tune Gemini Model by using Supervised Fine-tuning

- Tune Gemini models by using supervised fine-tuning - Documentation link
- Prepare supervised fine-tuning data for Gemini models - Documentation link
- Supervised Fine Tuning with Gemini for Article Summarization - Lab link
- Supervised Fine-tuning with Gemini for Image Captioning - Lab link
- Supervised Fine-tuning for Gemini - Course link