Workspace Pre-sales Technical Expert

This **Workspace Pre-sales Technical Expert learning path** guides you through a curated collection of content focused on developing and implementing Google Workspace Productivity Tools. It's designed to equip you with the essential skills to extend and enhance Google Workspace functionality, leveraging its powerful APIs and integrations for a more productive environment.

To earn your **Workspace Pre-sales Technical ExpertBadge** 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 **Workspace Pre-sales Technical Expert Badge**, validating your comprehensive proficiency in developing and demonstrating Google Workspace productivity solutions.

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.

Preview Links with Smart Chips (Google Workspace Add-ons)

- Preview links with smart chips - Documentation/Guide
- Preview links from Google Books with smart chips - Codelab/Sample
- Create smart chips for link previewing in Google Docs - Blog/Overview
- Insert third-party smart chips from other applications - User Help Article

Incident Management Chatbot

- "Respond to incidents with Google Chat, Vertex AI, and Apps Script" - Tutorial/Guide
- Build a Dialogflow CX Google Chat app that understands and responds with natural language - Tutorial/Guide
- Dialogflow ES / CX Documentation - Documentation/Reference
- Dialogflow Google Chat integration - Documentation/How-to

Use BigQuery ML to Predict Drive File Volume

- Forecasting overview - Documentation/Overview
- Forecast multiple time series with an ARIMA_PLUS univariate model - Tutorial/Guide
- The CREATE MODEL statement for ARIMA_PLUS models - Documentation/Reference
- The ML.FORECAST function - Documentation/Reference

Dashboards with Connected Sheets Query Parameters

- Write & edit a query (specifically the Parameters section) - Documentation/Guide
- Connect Google Sheets with BigQuery - Blog/Walkthrough
- Query Parameters (Video Tutorial) - Video/How-to
- Connected Sheets Overview - Documentation/Overview

Build an AI-Powered Gmail Experience

- Analyze and label Gmail messages with Gemini and Vertex AI - Solution/Tutorial
- Extending Gmail with Google Workspace add-ons - Documentation/Guide
- Gemini API in Vertex AI quickstart - Documentation/Quickstart
- Apps Script and Gemini: Build AI-powered Google Workspace solutions - Video/Tutorial