

Introduction to Google Agentspace

Get started with Google Agentspace: AI, LLMs, and Google Cloud security to enhance enterprise search and secure data access.

0.5 jour / 3h

Course overview

This course introduces Agentspace, a powerful platform that brings together AI agents, enterprise search, NotebookLM, and intelligent data access to solve organizational challenges.

Through real-world examples, learners will be able to connect Agentspace capabilities to real business needs, describe its architecture, and explain how it handles data access and privacy across roles.

Learning outcomes

- Apply Agentspace concepts to a case study scenario.
- Describe how Agentspace could benefit an organization.
- Explore how AI agents, large language models (s), and other key components of Agentspace work together to enable discovery and insight.
- Explain how Agentspace supports secure, role-based access to data while aligning with Google Cloud security best practices.

Target audience

- Business professionals and decision-makers seeking to improve data discovery and access.

- IT and data professionals looking to streamline organizational knowledge and reduce data silos.
- Teams exploring how to implement AI agents and LLMs for enterprise search and collaboration. Anyone interested in understanding secure, role-based access to enterprise data using Google Cloud tools

Prerequisites

- An interest in improving data discovery, access, and collaboration across teams.
- Some experience with cloud platforms like Google Cloud is recommended.

Course Outline

Module 01: Google Agentspace overview

Topics

- Google Agentspace

Objectives

- Describe the overall purpose of Google Agentspace.
- List the key user interface features of the Google Agentspace homepage.
- Describe the key functions available in Agentspace.

Activities

- Demo: Instructor Agentspace demo.
Quiz.

Module 02: Why Agentspace: A practical use case

Topics

- A practical Google Agentspace use case

Objectives

- List data silo and fragmentation pain points at Cymbal Food.
- Describe contributing factors to Cymbal Food's pain points.

- Identify data silo and fragmentation pain points and its contributing factors at your own organization.

Activities

- Class activity: Examine data silo painpoints

Module 03: Google Agentspace and Google Cloud security

Topics

- How Agentspace handles data access and privacy

Objectives

- Describe the key benefits of Google Cloud security.
- Define what security authentication and authorization mean.
- List the data access and privacy security features of Agentspace.
- Describe an example of how Agentspace provides data access for specific roles.

Activities

- Quiz

Module 04: Google Agentspace: Technical elements

Topics

- Agentspace technical components

Objectives

- List the key technical elements of Agentspace.
- Describe Agentspace technical elements workflow.

Activities

- Quiz

Module 05: Course summary

Topics

- Summarize key topics

Objectives

- Use Agentspace.
- Describe how security works between Agentspace and Google Cloud security.
- List examples of how Agentspace is used by different role profiles.
- Explain how Agentspace technical elements work to produce an output