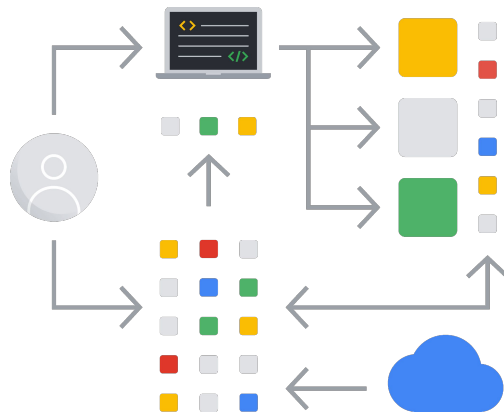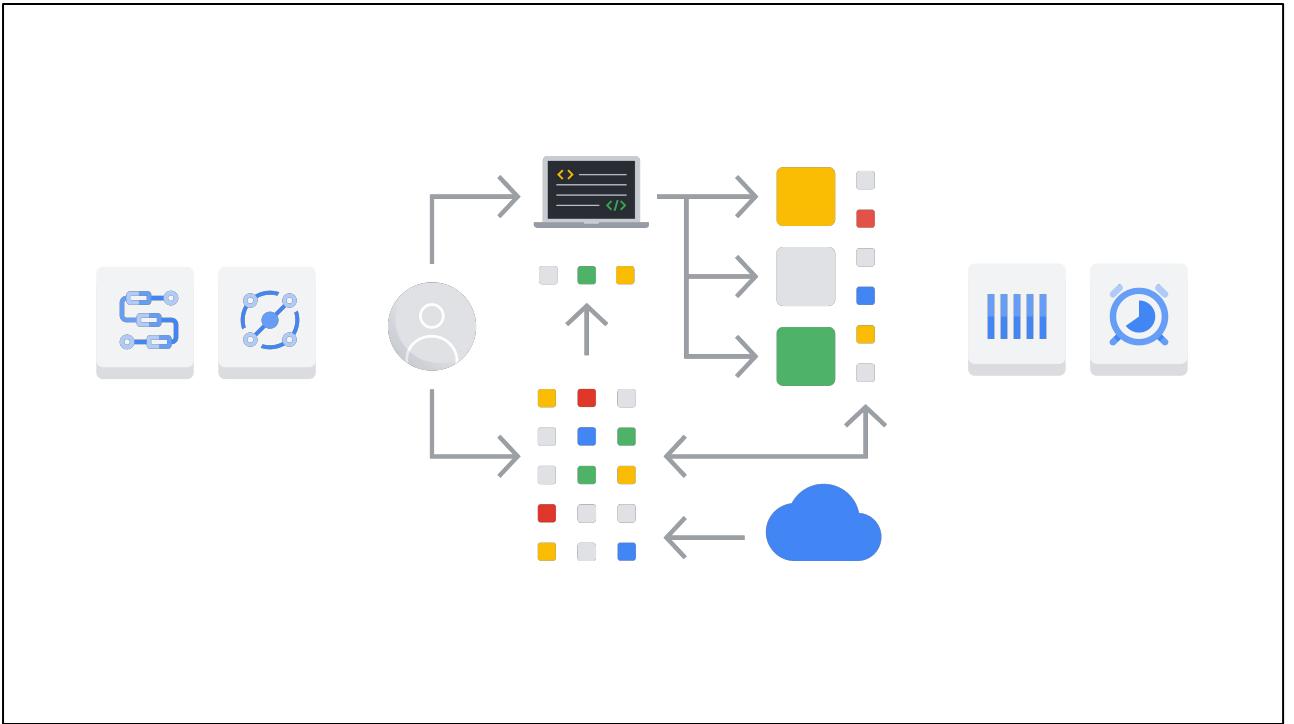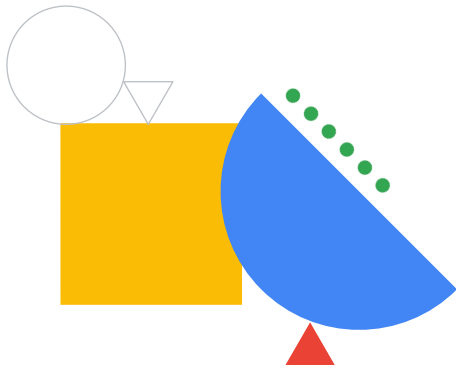Google Cloud

Service Orchestration and Choreography on Google Cloud

Managing the communication between microservices in your application can be a challenging task, especially as your application scales in size and complexity.

An event-based architecture and Google Cloud managed services for application integration can help you address the complexity.

Service Orchestration and Choreography on Google Cloud

In the **Service Orchestration and Choreography on Google Cloud** course, learn how the orchestration and choreography patterns can be used to coordinate service communication, and how four managed services provided by Google Cloud can streamline the process.

Mike Dunker
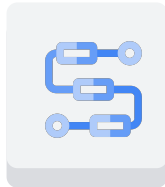
Technical Curriculum Developer,
Google Cloud

Hi, my name is Mike and I'm a Technical Curriculum Developer here at Google Cloud. This course introduces you to the orchestration and choreography patterns and the services in Google Cloud used to coordinate microservices: Workflows, Eventarc, Cloud Tasks, and Cloud Scheduler.
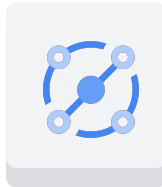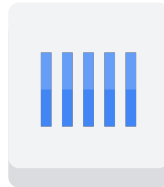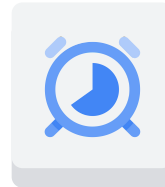
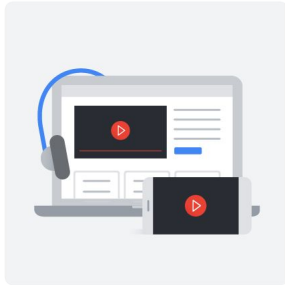| Application Developers	Architects	Cloud Engineers

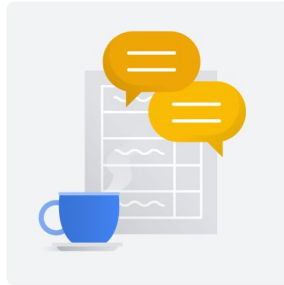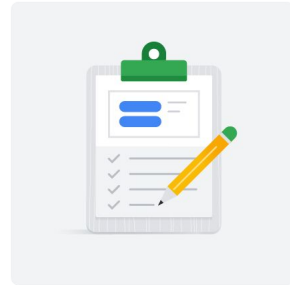| Workflows | Eventarc | Cloud Tasks | Cloud Scheduler |

This content is for application developers, architects, and cloud engineers who want to build applications with microservices.

Videos   Quizzes   Hands-on labs

Through a series of video lectures, quizzes, and hands-on labs, you get an introduction to microservices, event-driven applications, and the use of service choreography and orchestration in Google Cloud.
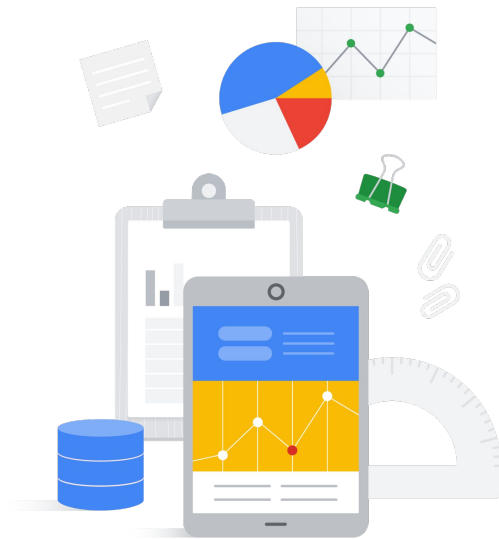
Learning Objective #01

Describe the benefits and challenges of microservices-based architectures.
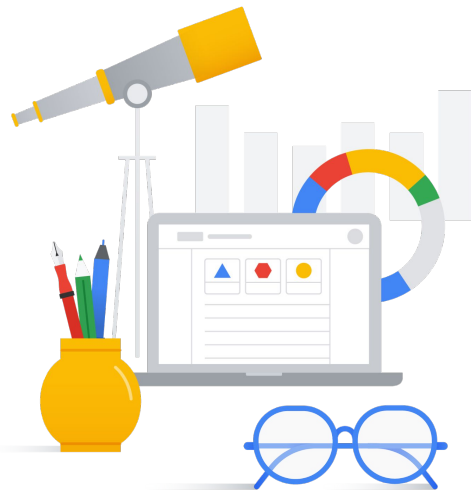
You learn how to describe the benefits and challenges of microservices-based architectures,

Learning Objective #02

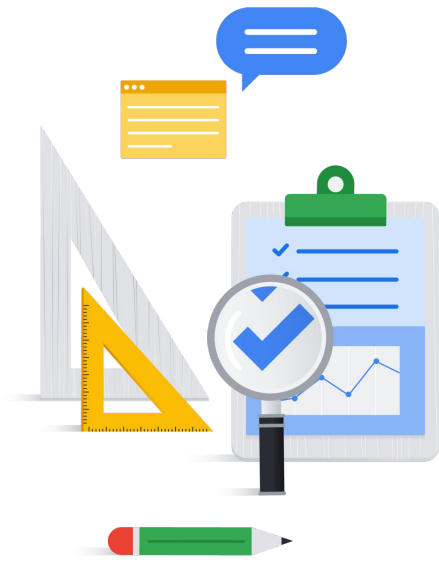Describe the advantages of
event-driven applications.

And the advantages of event-driven applications.

Learning Objective #03

Identify the strengths of orchestration and choreography.

In addition, you learn to identify the strengths of orchestration and choreography.

Learning Objective #04

Use Workflows, Eventarc, Cloud Tasks, and Cloud Scheduler to coordinate a microservices application on Google Cloud.

And use Workflows, Eventarc, Cloud Tasks, and Cloud Scheduler to coordinate a microservices application on Google Cloud.

Let's get started!