Install and Manage Google Cloud's Apigee API Platform

Varighed: 3 Days Kursus Kode: GO8333 Leveringsmetode: Virtuel deltagelse

Beskrivelse:

Discover Conversational Agents on Google Cloud.

Conversational Agents, part of AI Applications, is an intelligent, conversational (GUI) interface.
Conversational Agents uses an AI development system with access to SDKs and APIs in multiple languages.
In this course, you will learn how to leverage Conversational Agents to design and build conversational agents on Google Cloud.

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Virtuel deltagelse

Et V&C Select kursus indholder nøjagtig det samme som et almindeligt kursus. Før kursusstart modtager man kursusmaterialet. Dernæst logger man på kurset via internettet og ser via sin pc den selvsamme præsentation som de øvrige deltagere, man kommunikerer via chat med underviseren og de øvrige deltagere på kurset. Denne uddannelsesmodel er både tids-og omkostningsbesparende og kan være et oplagt alternativ til almindelig klasseundervisning, hvis man f.eks. har et begrænset rejsebudget.

Målgruppe:

Conversational designers, developers, and business analysts.

Agenda:

- **After this course, participants should be able to:**
- Understand the different kinds of conversations available with an artificial intelligent (AI) agent.
- Design an AI agent for a deterministic intent-based domain.
- Understand how a user's request is translated into an action and response.
- Use webhooks to access data and products that are not part of the agent.
- Handle user errors and unexpected requests.
- Use the graphical user interface (GUI) to develop an agent.
- Gain a working knowledge of the testing tools available in the GUI.
- Integrate a chatbot into external user interfaces.
- Incorporate generative AI features into your agent.

Forudsætninger:

- Some familiarity with a graphical user interface for Conversational Agents will ease the learning process.
- Understanding JSON is helpful.

Test og certificering

None

Yderligere Kurser:

No recommandation

Indhold:

The course includes presentations, demonstrations, and hands-on labs.

Module 1: Introduction to Conversational Agents

- Google's goals for virtual agents
- Virtual agent product suites
- Lab: Exploring the Conversational Agents User Interface

Module 2: Introduction to conversational design

- Convergent and divergent approaches
- Conversation design strategy

Module 3: Steering bot design basics

- Use cases
- Virtual agents
- Start pages
- Routes
- Pages

Module 4: Implementing bot design

- Use case review
- Agent architecture
- Creating the virtual agent
- Creating the route
- Testing the route
- Lab: Conversational Agents: Bot Building Basics

Module 5: Entities

- Introduction to entities
- System entity types
- Custom entity types
- Managing entities in an agent

Module 6: Parameters

- Introduction to parameters
- Parameters from intents
- Preset parameters
- Parameters from webhooks
- Lab: Conversational Agents: Parameter Manipulation

Module 7: Event handlers

- Definition of event handlers
- Page, flow event handler, and scope rules
- Form event handler and scope rules

Module 8: Versions and environments

- Version management in Conversational Agents
- Environment management in Conversational Agents
- Lab: Conversational Agents: Managing Environments

Module 9: Testing

- Validation
- Publication
- Simulation
- Lab: Debugging the Agent Using Test Agent

Module 10: Fulfillment

- Introduction to fulfillment
- Examples of static fulfillment

Module 11: Integrations

- Google Messenger
- Conversational Phone Gateway

Module 12: Webhooks

- Why have a webhook?
- Types of webhooks
- Setting up a fulfillment webhook
- Modifications for a JSON response webhook

Module 13: Route groups

- Introduction to route groups
- Managing a route group
- Lab: Configuring a Route Group for Your Virtual Agent

Module 14: Design techniques

- The concept of a flow
- Steering bot designs
- The concept of guardrails
- Design principle

Module 15: Generators

and generative fallback

- Overview of generators
- Overview of generative fallback
- Lab: Conversational Agents with Generative Fallbacks

Additional Information:

Official course book provided to participants.

Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

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