

## Chatbot Development with Google DialogFlow

Are you ready to step into the future of customer interaction and service automation? Join our comprehensive 16-hour course on Chatbot Development with Google DialogFlow and transform your skills from beginner to proficient chatbot developer in just 2 days.

### Course Objective

This course aims to equip beginners with the knowledge and skills to develop their own chatbots using Google DialogFlow. The course covers fundamental concepts of chatbots and DialogFlow, practical applications through project-based learning, and integration of chatbots with various platforms. By the end of this course, learners will be able to create a simple appointment scheduler and a restaurant chatbot, understand how to use rich responses and custom payloads, and create a backend REST API for their chatbot.

### Course Outcomes

- Master effective prompting using ChatGPT, Bard & Copilot
- Apply prompting for various HR related day today activities
- Utilize image prompting for human resource engagement
- Ensure ethical AI practices by enhancing prompt reliability

### Course Prerequisites

Familiarity with JSON, node.js & Rest API

### Why This Course?

- **Seamless Integration:** Learn how to integrate chatbots with popular platforms like Facebook Messenger, WhatsApp, Twitter, Slack, and websites built with ReactJS, VueJS, and Wix.
- **Hands-On Learning:** Engage in project-based learning to create real-world applications such as a simple appointment scheduler and a restaurant chatbot.
- **Rich Responses & Custom Payloads:** Discover how to enhance user interactions with rich responses, custom payloads, and fulfillment functionalities.

## Tech Stack To Be Covered



Google DialogFlow

## Table of Content

### **Chapter 01: Fundamental Concepts in DialogFlow & Chatbots**

- Chatbot & DialogFlow Introduction
- Introduction to Agent
- What are Intents
- Multi Lingual Agents
- Fulfilment
- Tracking Logs
- Follow-up Intent
- System Entity
- Custom Entity
- Extracting Values in Fulfilment

### **Chapter 02: Simple Appointment Scheduler**

- Create Agent & Intent
- Small Talk

- Knowledge Base
- DialogFlow Chat Messenger
- Text to Speech Functionality for Chatbot

### **Chapter 03: Chatbot Integration**

- Chatbot Integration with Facebook Messenger
- Chatbot Integration with WhatsApp & Twilio
- Chatbot Integration with Twitter
- Chatbot Integration with Slack
- Chatbot Integration with Kommunicate
- Chatbot Integration with ReactJS Website
- Chatbot Integration with VueJS Website
- DialogFlow Messenger with Wix Website

### **Chapter 04: Rich Response and Custom Payload**

- Creating Chips with Rich Responses
- Adding Image to Custom Payload
- Add Links to Custom Payload
- Combining Elements of Custom Payload
- Custom Payload with Fulfilment
- Facebook Messenger Custom Payload
- Rich Responses for Facebook Messenger

### **Chapter 05: Simple Restaurant Chatbot**

- Creating Intent and Custom Payloads
- Creating Menu Intent
- Creating Booking Intent

### **Chapter 06: Backend REST API for Chatbot**

- Creating Project and App
- Serializing The Data