# Course Title: Chatbots Development with Amazon Lex

## In This Course, You Will Learn About:

* Learn the about basics of chatbots
* Learn the fundamentals of Amazon Web Services (AWS)
* Learn the functionality of Amazon Lex for chatbot development
* Learn the hands-on approach for chatbot development with Amazon Lex and Amazon Lambda
* Learn the practical usage of Twilio and its integration with AWS for chatbots
* Learn the hands-on web-based development of AWS chatbot
* Learn to access chatbot through Boto-3
* And much more…

## Requirements:

* No prior knowledge of Chatbots, Amazon Lex, Amazon Lambda, Data Analysis or Mathematics is needed. We will start from the basics and gradually build your knowledge in the subject
* A willingness to learn and practice
* Only basic Python is required

## Comprehensive Course Description:

**Have you ever wanted to build a simple, easy, and efficient chatbot for your business?**

**Do you need an efficient instructor for your education?**

**Are you inspired from Iron Man, and need a Jarvis for your official assistance?**

**If yes! Then this is the course you are looking for.**

**You might have searched for many relevant courses, but this course is different!**

This course is a complete package for beginners to learn the basics of chatbots with AWS Lex and AWS Lambda its applications and building it from scratch by hand on practice for chatbots developments. Every module has engaging content covering necessary theoretical concepts with a complete practical approach used along with brief theoretical concepts.

We will be starting with the theoretical concepts of chatbots, after providing you with the basic knowledge of chatbots. You will be able to learn about the important fundamental concepts of chatbots which are the basic building blocks of it.

This complete package will enable you to learn the basics of the advance mechanism of developing chatbots by using AWS Lex and AWS Lambda with python. We’ll be using Python as a programming language in this course, which is the hottest language nowadays if we talk about deep learning. Python will be taught from elementary level up to an advanced level so that any AWS Lex and AWS Lambda concept can be implemented.

This comprehensive course will be your guide to learning how to use the power of Python to evaluate your chatbots datasets based on conversational notes, online resources, and websites. Moreover, a practical approach will be adopted to build AWS Lex and AWS Lambda based chatbots where hands on experience will be developed.

We’ll learn all the basic and necessary concepts for developing chatbots along with AWS Lex, AWS Lambda, Twilio, Boto-3 and Web Integration for Chatbots.

This course is designed for both beginners with some programming experience and those who know nothing about AWS Lex and AWS Lambda and Python.

This comprehensive course is comparable to other Chatbots Development with AWS Lex and AWS Lambda courses that usually cost hundreds of dollars, but now you can learn all that information at a fraction of the cost in only one course! With over 8 hours of HD video lectures that are divided into many videos and detailed code notebooks for every address, this is one of the most comprehensive courses for Chatbots Development with AWS Lex and AWS Lambda on Udemy!

### Why Should You Enroll in This Course?

The course is crafted to help you understand not only the role and impact of the chatbots industry in real world applications, but it provides a very unique hands-on experience on developing complete chatbots with AWS Lex and AWS Lambda. This straightforward **learning by doing** course will help you in mastering the concepts and methodology with regards to Python.

This course is:

* Easy to understand.
* Expressive and self-explanatory
* To the point
* Practical with *live* coding
* A complete package with hands-on practice covering complete course contents
* Thorough, covering the most advanced and recently discovered AWS Lex and AWS Lambda approaches by renowned AI practitioners

### Teaching Is Our Passion:

We focus on creating online tutorials that encourage **learning by doing**. We aim to provide you with a more than a superficial look at practical approach towards developing chatbots using AWS Lex and AWS Lambda. For instance, this course has projects in module which will help you to *see for yourself* via experimentation the practical implementation of AWS Lex and AWS Lambda with data analysis on the real-world datasets. We have worked extra hard to ensure you understand the concepts clearly. We want you to have a sound understanding of the basics before you move onward to the more complex concepts. The course materials that make certain you accomplish all this include high-quality video content, course notes, meaningful course materials, handouts, and evaluation exercises. You can also get in touch with our friendly team in case of any queries.

## Course Content:

We'll teach you how to program with Python, how to use AWS Lex and AWS Lambda concepts to develop chatbots! Here are just a few of the topics that we will be learning:

1. Course Overview
2. Fundamentals of AWS for Chatbots raining Chatbot Development with Deep Learning   
   * Overview of AWS
   * Salient Features of AWS
   * Building a hotel booking chat bot with Amazon Lex
3. Fundamentals of AWS for Chatbots raining Chatbot Development with Deep Learning   
   * Creating AWS Lambda Function
   * Connecting AWS Lambda Function to Amazon Lex
   * Chatbot backend development for AWS Lex and AWS Lambda
   * Integration of Chatbot with Twilio
   * AWS Software Development Kit
   * Website Integration of AWS Lex Chatbot
   * Implementing Response Cards with Chatbots

**Enroll in the course and become a chatbots expert today!**

### After completing this course successfully, you will be able to:

* Relate the concepts and theories for chatbots in various domains
* Understand and implement AWS Lex and AWS Lambda for building real world chatbots
* Build customized chatbots with AWS Lex and AWS Lambda
* Integrate your chatbots with WhatsApp and massaging apps
* Integrate your customized chatbots with web sites

## Who this course is for:

* People who want to learn AWS and apply AWS Lex and AWS Lambda for Chatbots
* People who want to build customized chatbots for their applications
* AI Practitioners
* Research Scholars
* Data Scientists