# Course Title: Chatbots Development with Deep Learning

## In This Course, You Will Learn About:

* Learn the about basics of chatbots
* Learn about the Comparison of Conventional Chatbots with Deep Learning Based Chatbots
* Learn about fundamentals of the Generative Chatbots vs Retrieval Chatbots
* Learn the basics of Deep Learning Empowered Chatbots Features
* Learn the Conventional Chatbots & Self-Learning Chatbots in Action
* Learn the impact and overview Tokenization in Chatbots development
* Learn the settings of Decoder-Encoder model with python
* Learn the hands-on practice on implementing RNN based Model Development for Chatbots
* Learn about the testing and training of chatbot with deep learning
* And much more…

## Requirements:

* No prior knowledge of Chatbots, Deep Learning, 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 deep learning, its applications and building it from scratch by using deep learning (RNNs) with python. Every module has engaging content covering necessary theoretical concepts with a complete practical approach used along with brief theoretical concepts. At the end of every module, we assign you a quiz, the solution to the quizzes is also available in the next video.

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 to advance mechanism of developing chatbots by using deep learning 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 deep learning 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 deep learning oriented conversational chatbots where hands on experience will be developed.

We’ll learn all the basic and necessary concepts for developing chatbots along with the deep learning models.

This course is designed for both beginners with some programming experience and those who know nothing about Data Analysis, Deep Learning and Python.

This comprehensive course is comparable to other Chatbots Development with Deep Learning 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 2 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 Deep Learning on Udemy!

### Why Should You Enroll in This Course?

The course is crafted to help you understand not only the role and impact of chatbots industry in real world applications, but it provides a very unique hands on experience on developing complete chatbots for your customized dataset by using a project. 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 three in depth projects covering complete course contents
* Thorough, covering the most advanced and recently discovered deep learning models by renowned data scientists and AI practitioners

### Teaching Is Our Passion:

We focus on creating online tutorials that encourage **learning by doing**. We aim to provide you with more than a superficial look at practical approach towards developing chatbots using deep learning. For instance, this course has one project in the final module which will help you to *see for yourself* via experimentation the practical implementation of deep learning 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 deep learning concepts to develop chatbots! Here are just a few of the topics that we will be learning:

1. Course Overview
2. Fundamentals of Deep Learning for Chatbots
   * Comparison of Conventional Chatbots with Deep Learning Based Chatbots
   * Self-Learning Chatbots: Generative Chatbots vs Retrieval Chatbots
   * Deep Learning Empowered Chatbots Features
   * Conventional Chatbots & Self-Learning Chatbots in Action
3. Chatbot Development with Deep Learning
   * Packages Installation
   * Defining Chat Model
   * Tokenization
   * Setting-up Encoder-Decoder
   * Implementing RNN based Model Development
   * Training, Testing and Validating Chatbot

**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 deep learning models for building real world chatbots
* Understand evaluate the deep learning models

## Who this course is for:

* People who want to advance their skills in applied deep learning
* People who want to master relation of data analysis with deep learning
* People who want to build customized chatbots for their applications
* People who want to implement deep learning algorithms for chatbots
* Individuals who are passionate about rule self-learning chatbots
* Deep Learning Practitioners
* Research Scholars
* Data Scientists