RASA

Description:

Data Scientists are in high demand right now since they can create a chatbot to handle user communications. Chatbots are predicted to be used by approximately 80% of businesses in the near future. Want to be the one who puts it into action? From creating the first file to the deployment on platforms like Facebook and Telegram, the course is meant to teach you how to create a chatbot that can assist consumers with suggestions of computers and phones from Amazon. The course places a strong emphasis on putting what students learn into practice. You will be guided through the entire process of launching your first chatbot using a combination of document and code walkthroughs.

Start Date:

Doubt Clear Time:

Course Time:

Features:

Source code

Challenges

Downloadable resources

Quizzes

Completion certificate

What we learn:

Intents and Entities

Create Conversational Chatbots

Build chatbots using RASA

Conversational interfaces and agents in RASA

Requirements:

Minimal knowledge of Python programming

No prior experience required of chatbot

Any IDE for Python

A system with a decent internet connection

Your dedication

Instructor:

Name:

Khushali Shah

Description:

A data scientist having rich experience working with MNCs and start-ups in the field of data science and machine learning. She has expertise in Chatbot development for various domains &

been developing professionally for 6+ years with diverse job history. She also had positions in software module development, web app development, functional designs, requirement gathering, client interaction, and server setup/admin & can help everywhere in the stack; she loves wearing multiple hats to an extent. She also believes in enhancing her skills by training and learning new things day by day.

>Introduction:

>>What is Chatbot?

>>Why Chatbot?

>>What is Rasa?

>>Why Rasa?

>Create environment and installation:

>>Create a virtual environment using conda

>>Installation of Rasa in Windows

>RASA NLU (Natural Language Understanding):

>>Introduction to Rasa NLU - Intents and Entities

>>Creating Intents & Entities Examples: Training Data

>>Rasa NLU file structure

>>Defining NLU pipeline in config file

>>Install RASA-x

>>Train our first Rasa NLU model

>>Rasa NLU entity synonyms & lookup tables

>Custom components - RASA NLU:

>>Introduction to custom components in RASA NLU

>>Introduction of transfer learning and pre-trained word embeddings

>>Custom gensim embeddings in RASA

>Introduction to RASA core:

>>RASA core-stories

>>Custom action defined

>>RASA core-stories

>>Introduction of dialogue policies

>>Memoization & mapping policy

>>Machine learning policy

>>Priority policies

>>Config file to defining policies

>Coversation with our first bot:

>>Introduction use case mental health

>>Create intent

>>Add intent domain.yml

>>Update response

>>Add stories.md

>>Train model

>>Telegram integration

>>Facebook integration

>>Twilio account

>>Whatsapp integration

>>Whatsapp integration URL

>Course summary:

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