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NLP Crash Course

Description:

Natural language processing (NLP) is one of the artificial intelligence's most essential and helpful application fields. As new methodologies and toolsets combine with ever-increasing data availability, NLP is rapidly evolving. In this course, you'll learn about the core concepts of natural language processing (NLP) and how it applies to current and new technologies. You will obtain a comprehensive understanding of contemporary neural network techniques for linguistic data processing. You'll be able to progress from word representation and syntactic processing to creating and executing complicated deep learning models for question answering, machine translation, and other language understanding problems by mastering cutting-edge methodologies.

Start Date:

Doubt Clear Time:

Course Time:

Features:

Quizzes

Assignments

Hands-on practicals

Downloadable resources

Completion certificate

What we learn:

NLP important topics

Transfer learning mechanism

Real-time project implementation

Requirements:

Basic knowledge of Python programming

A system with stable internet connection

Your dedication

Instructor:

Name:

Sudhanshu Kumar

Description:

Having 8+ years of experience in Big data, Data Science and Analytics with product architecture design and delivery. Worked in various product and service based Company. Having an experience of 5+ years in educating people and helping them to make a career transition.

>NLP overview:

>>NLP overview

>>NLP very basic

>Word Embedding:

>>TFIDF

>>Word embeddings part-1

>>Word embeddings part-2

>RNN:

>>RNN basic

>>RNN implementation

>LSTM:

>>LSTM introduction

>>GRU

>Attention based model:

>>Encoder-Decoder and Attention mechanism

>>Understanding paper "Attention Is All You Need"

>Transfer learning in NLP:

>>GPT and BERT Model

>>SOTA model with paper discussion

>>ALBERT & DistilBERT project discussion

>Project:

>>Megatron project

>>Brand measures project