XCS224N - NATURAL LANGUAGE PROCESSING WITH DEEP LEARNING

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Course Completed by
SUBHOBRATA DEY
on: December 11, 2022

Outcomes
The field of natural language processing (NLP) is one of the most important and useful application areas of artificial intelligence. In this course, learners explore the fundamental concepts of NLP and its role in current and emerging technologies. They gain a thorough understanding of modern neural network algorithms for the processing of linguistic information. They gain the skills to move from word representation and syntactic processing to designing and implementing complex deep learning models for question answering, machine translation, and other language understanding tasks.

Competencies / Skills

- Word vectors
- Neural Networks
- Dependency Parsing
- RNNs and Language Models
- Neural Machine Translation and Attention
- Transformers and Pretraining
- Using PyTorch from scratch

Credential / Credit Earned

Certificate of Achievement in Natural Language Processing with Deep Learning verified by the Stanford Center for Professional Development.

Grade: Satisfactory **CEU(s): 10.0**

Digital Credential Information

Associated Program

Artificial Intelligence Professional Program