Mindluster Platform

About the course Natural Language Understanding

Natural-language understanding Natural-language understanding or natural-language interpretation is a subtopic of natural-language processing in artificial intelligence that deals with machine reading comprehension. Natural-language understanding is considered an AI-hard problem.How does natural language understanding NLU work? NLU is branch of natural language processing (NLP), which helps computers understand and interpret human language by breaking down the elemental pieces of speech. While speech recognition captures spoken language in real-time, transcribes it, and returns text, NLU goes beyond recognition to determine a user's intent.What can human still do better than machine learning? What can a human still do better and faster than any Machine Learning (ML) solution? transfer knowledge between domains. understand what data represents. judge the quality of any given data.What is the difference between humans and robots? Unlike humans, robots do not have experience and don't understand context. For a robot, context is created every time it runs (a clear session is created), and when it completes the task, it â€œclearsâ€ everything afterward, to leave the system in the same condition as when it started.

Computer Science Category's Courses

Course Lesson(15)

Lesson 1 :
Lecture 1 â€“ Course Overview | Stanford CS224U Natural Language Understanding | Spring 2019

Lesson 2 :
Lecture 2 â€“ Word Vectors 1 | Stanford CS224U Natural Language Understanding | Spring 2019

Lesson 3 :
Lecture 3 â€“ Word Vectors 2 | Stanford CS224U Natural Language Understanding | Spring 2019

Lesson 4 :
Lecture 4 â€“ Word Vectors 3 | Stanford CS224U Natural Language Understanding | Spring 2019

Lesson 5 :
Lecture 5 â€“ Sentiment Analysis 1 | Stanford CS224U Natural Language Understanding | Spring 2019

Lesson 6 :
Lecture 6 â€“ Sentiment Analysis 2 | Stanford CS224U Natural Language Understanding | Spring 2019

Lesson 7 :
Lecture 7 â€“ Relation Extraction | Stanford CS224U Natural Language Understanding | Spring 2019

Lesson 8 : **Lecture 8 â€“ NLI 1 | Stanford CS224U Natural Language Understanding | Spring 2019**

Lesson 9 : **Lecture 9 â€“ NLI 2 | Stanford CS224U Natural Language Understanding | Spring 2019**

Lesson 10 :
Lecture 10 â€“ Grounding | Stanford CS224U Natural Language Understanding | Spring 2019

Lesson 11 :
Lecture 11 â€“ Semantic Parsing | Stanford CS224U Natural Language Understanding | Spring 2019

Lesson 12 :

Lecture 12 â€“ Evaluation Methods | Stanford CS224U Natural Language Understanding | Spring 2019

Lesson 13 :
Lecture 13 â€“ Evaluation Metrics | Stanford CS224U Natural Language Understanding | Spring 2019

Lesson 14 :
Lecture 14 â€“ Contextual Vectors | Stanford CS224U Natural Language Understanding | Spring 2019

Lesson 15 :
Lecture 15 â€“ Presenting Your Work | Stanford CS224U Natural Language Understanding | Spring 2019

Related courses

Linear Algebra for Computer Scientists

Insertion Sort

Bubble Sort

GCSE Computer Science

Random Access Memory

Binary Trees

for Business Contact
business@mindluster.com