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An Introduction to Deep Learning for Natural Language Processing

Wednesday 15 May 2019 13:30 (1h 30m)

We will provide an introduction to the application of Artificial
Neural Networks to a variety of tasks in Natural Language Processing
(NLP), i.e. enabling computers to 'make sense'of human language. The
tutorial will cover example problems in document classification,
sentiment analysis, and sequence labeling; we will introduce common
architecture variants, such as deep feed-forward networks,
convolutional neural networks, and recurrent neural networks. A basic
recollection of linear algebra and Python syntax may be useful, but
there should be something for everyone in this tutorial either way.
We have yet to decide whether there will be time and opportunity for
hands-on exercises.

Primary authors: KUTUZOV, Andrei (University of Oslo); OEPEN, Stephan (University of Oslo)

Presenters: KUTUZOV, Andrei (University of Oslo); OEPEN, Stephan (University of Oslo)

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