A Guide to good online resource on NLP

General Info

The following are links to some great (I think!) online resources to learn all about Natural Language Processing.

This is a really good website that points to links to a whole swathe of NLP online courses/academic material from beginners to advanced.

<https://www.kdnuggets.com/2019/10/10-free-top-notch-courses-natural-language-processing.html?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed:+kdnuggets-data-mining-analytics+(KDnuggets:+Data+Mining+and+Analytics)>

Highly recommended textbook in NLP: widely read by renowned Stanford professors

<https://web.stanford.edu/~jurafsky/slp3/>

Not to expensive are NLP course on Udemy ranging from introduction to advance

<https://www.udemy.com/courses/search/?ref=home&src=ukw&q=natural%20language%20processing&p=2>

INTRODUCTORY/INTERMEDIATE COURSES

ONS have developed introductory content on NLP available at

<https://github.com/salihadfid1/NLPINTROLIVE> Please download html file <https://github.com/salihadfid1/NLPINTROLIVE/blob/master/Intro-to-NLP-v4.html> as this leads into the course and contents.

An Advanced course in NLP is currently under development and should be ready for Jan 2020.

Introduction to NLP course was one of the first NLP online Coursera offerings by renowned Stanford professors Christopher Manning and Dan Jurafsky. About 102 videos, they are an accompaniment to book <https://web.stanford.edu/~jurafsky/slp3/> freely available.

<https://www.youtube.com/watch?v=3Dt_yh1mf_U&list=PLQiyVNMpDLKnZYBTUOlSI9mi9wAErFtFm>

Python orientated course on NLP

<https://www.coursera.org/learn/python-text-mining>

Good comprehensive coverage of tools and techniques used for NLP -currently running

<https://www.coursera.org/learn/language-processing>

This was another course that was offered on Coursera a few years back and is comprehensive in its coverage of salient topics and techniques in NLP.

<https://www.youtube.com/playlist?list=PLLssT5z_DsK8BdawOVCCaTCO99Ya58ryR>

Another Introduction to NLP free course offered a few years ago but a bit more technical

<https://archive.org/details/academictorrents_f99e7184fca947ee8f77901679e171fcadbf82e7>

Advanced Courses(specialist) on NLP

This is new offering (2019) on NLP by Stanford on current techniques in use: embeddings, machine translation and how it is undertaken using neural networks.

<http://web.stanford.edu/class/cs224n/index.html#schedule>

Introduction to Information Retrieval with Christopher Manning

This course covers the basic working of search engines and query over a collection of documents

<https://www.youtube.com/watch?v=kNkCfaH2rxc&list=PLaZQkZp6WhWwoDuD6pQCmgVyDbUWl_ZUi>