



# Introduction to Deep Learning

## Unit 01

- 1-1\_Access and Use the Built-in Corpora of NLTK
- 1-2\_Loading a Corpus
- 1-3\_Example of a Conditional Frequency Distribution
- 1-4\_Example of a Lexical Resource

## Unit 02

- 2-1\_Working with a NLP Pipeline
- 2-2\_Tokenization
- 2-3\_Regular Expressions
- 2-4\_Regular Expressions used in Tokenizing

## Unit 03

- 3.2\_Age Prediction Application
- 3.3\_Document Classifier Application

## Unit 04

- 4.2\_Chunking in Python NLTK
- 4.3\_Chinking in Python NLTK

## Unit 05

- 5.1\_Python Speech Recognition Module
- 5.2\_Speech to text with recurrent neural networks
- 5.3\_Speech to text with convolutional neural networks (part1)
- 5.4\_Speech to text with convolutional neural networks (part2)

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