

AI611 μ Word Prediction with N-Grams Model using Python

Competencies List

This document provides the list of basic and advanced competencies, with a precise description, that can be acquired through the *AI611 μ Word Prediction with N-Grams Model using Python* micro-course.

Basic Competencies

Basic competencies are specific to a teaching unit or activity and a 100% mastery level for all of them is required to succeed the teaching unit or activity (10/20).

Code	The learner is able to...
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AI101	understand the N-Grams model.
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AI201	train an N-Grams model from a given text corpus.
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AI501	write an application that solves the word prediction problem with N-Grams models.
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Advanced Competencies

Advanced competencies could be transversal to several teaching units or activities and increasing the mastery level of any of them is global to all the teaching units and activities where it is declared.

Code	The learner is able to...
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AI102	formally describe N-Grams models thanks to probabilities.
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AI103	preprocess a corpus and compute basic statistics on it.
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AI502	evaluate the quality of a given N-Grams model.
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