

Generative AI

College of Computing

Lab work - Week 2

04 February 2026

Aim of the Tutorial

- For this lab work, we aim to:
 - Get a first hands-on implementation experience for basic Language Models
 - Understand the different steps of building a basic Neural Language Model
 - Use the public resources available that can help in implementing. Some of these are:
 - ▶ BasicNeuralLanguageModel
 - ▶ RNNNeuralLanguageModel
 - Choose your own public resources otherwise
- The expected outcome is:
 - Choose a different public dataset than the ones used in these tutorials
 - Implement a Basic Neural Model, an RNN or both on the chosen dataset explaining your: implementation steps, your hyperparameter choices when relevant, the observed results and any relevant assessment of your model (s) performance