



# EURO<sup>2</sup>

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# An Introductory to Large Language Models: Agenda

# Course #1 - Introductory

1. What is a Language Model ?
2. Evaluation of Large Language Models
3. Terminology used in NLP

# Course #2 - The Power of LLMs: Transformer (Part 1)



1. Recurrent Neural Networks (RNNs)
2. The Encoder-Decoder Model with RNNs
3. Attention

# Course #3 - The Power of LLMs: Transformer (Part 2)



1. Self-Attention
2. Transformer

# Course #4 - Key Concepts and Training

1. LLM Structures
2. Causal vs Masked LMs
3. Training methods
  - a. Pre-training
  - b. Prompting
  - c. Fine-tuning
  - d. Instruction-tuning

# Course #5 - Available Large Language Models

1. BERT
2. T5
3. GPT, Llama