Unleashing the Power of Large Language Models: A Hands-On Tutorial

Payel Santra[1], Madhusudan Ghosh[1], Shrimon Mukherjee[1], Debasis Ganguly[2], Partha Basuchowdhuri[1], Sudip Kumar Naskar[3]

[1]Indian Association for the Cultivation of Science
[2]University of Glasgow
[3]Jadavpur University

December 27, 2023

Plan of the Tutorial

Plan of the Tutorial

Plan of the Tutorial

1. Introduction to NLP
   - Sudip Kumar Naskar
2. Overview of Distributional Representation Learning for NLP
   - Partha Basuchowdhuri
3. Overview of Transformer-based Pretrained Language Model
   - Madhusudan Ghosh
4. Overview of Large Language Models
   - Payel Santra
5. Concept of in-context learning and its application
   - Debasis Ganguly
6. Hands-on Coding/Demo Session
   - Debasis Ganguly, Shrimon Mukherjee, Madhusudan Ghosh, & Payel Santra