Module 2 :

Deep Networks

State-of-the-Art
Machine Learning

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Discussion Session

- Review of Notebooks 7.1 and 7.2:

  - Text generation with RNN (7.1) :

    - Text vectorization

    - GRU cells

    - Model training and prediction

  - Time series forecasting (7.2) :

    - univariate time series

    - Multivariate time series

    - Single/multiple step model

Format

- Work in teams
- Prepare a couple of slides (3-5) summarizing the topic
- Present it to the class (about 5 minutes)
- Discussion with all participants (about 5 minutes)

Topics : LLMs and ChatGPT

1) What is ChatGPT ?
2) How does it work ? NLP, transformers, generative pre-trained transformers
3) Use cases and advantages
4) Limits and difficulties
5) Alternatives to ChatGPT
6) Legal/ethics questions

How do you feel about it ?