



# ESI-SBA- ÉCOLE SUPÉRIEURE EN INFORMATIQUE 08-MAI-1945

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## MINI PROJECT

- 1- Chose a deep learning application that is based on one of these DL networks: LSTM, GAN, Stacked auto-encoders, YOLO and its variants, UNet and its variants, Transformers and their variants (Image and video analysis, style transfer, data augmentation, anomaly detection, ECG signal processing, recommendation systems...,etc) . You can choose any type of application other than text processing.
- 2- Deploy the best model in an application (web or otherwise) to perform predictions on new instances entered by the user.
- 3- Write a report that presents details about the architecture, the dataset(s) used, code, with explanations on all steps, a discussion, and conclusion on the results obtained
- 4- The report must be added to the platform by a single member of the group in the dedicated space on Moodle (groups of n students <6) and the code must be added to github.
- 5- Consultation sessions will be organized at the end of the semester.