ID de Contribution: **29**   Type: **Non spécifié**

Introduction to deep learning

mardi 9 juillet 2024 14:00 (3 heures)

Goal: Describe the main types of deep learning architectures, and apply them to a concrete example from life sciences.

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 - Introduction: what is deep learning and why is everyone doing it?
 - Overview of the main types of deep learning architectures: MLP, convolutional, and transformers. When to
 - Overview of the different training and regularization techniques.
 - Practical session on a simplified open-research problem.
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Classification de Session: Machine Learning for Science School