SKILLS

University of Zurich UZH

L-Università ta' Malta

The UPSKILLS Learning Content

The essence of machine learning for linguists in tech

This learning block is a guide on how to acquire the core set of notions in machine learning that are necessary for students of language or linguists who plan to work with engineers and scientists, or anyone with a similar background and interests. Its intended use is supervised study, whereby a student learns actively under the supervision of a teacher.

🕐 5 ECTS

The UPSKILLS learning content is open access, adaptable and modular, which means that you can either wholly incorporate it in your curriculum or pick and choose any of the following modules to upskill your existing course:

- **Machine learning needs linguists**
- **Things in mathematical space**
- **Data points need labels**
- **Setting boundaries with the perceptron algorithm**
- **Linguists need neural networks**
- **Meanings are vectors**
- **Learning meanings with (large) language models**
- **NLP tasks for happy users**
- **How good is an NLP model?**
- **The practice and ethics of large language models (LLMs)**

https://upskillsproject.eu/