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UPSKILLS IO3: “Adapting and developing learning materials”

The fourth UPSKILLS Multiplier Event

UPSKILLS Consortium:



&
with financial support from



<https://upskillsproject.eu/>

#upskillsME4

Valletta, 30 May 2023



In a nutshell, our approach entails interactive content which guides the learner to reflect on the task they are given during and after performing it

<i>Level</i>	<i>Learning activity</i>	Quiz	Test with open-ended questions	Problem-solving task	Simulation task
Create e.g. produce original work				(✓)	✓
Evaluate e.g. justify an argument			(✓)	✓	✓
Analyse e.g. connect different ideas	(✓)	✓	✓	✓	✓
Apply e.g. use in a new context	(✓)	✓	✓	✓	✓
Understand e.g. explain concepts	✓	✓	✓	✓	✓
Remember e.g. recall facts	✓	✓	✓	✓	✓

Aim
here

LEARNING CONTENT

Designed to engage the learner and elicit or generate the verbs used in the LOs

ASSESSMENT TASKS

Formatted to elicit the verbs used in the LOs and judged against the criteria expressed in the LOs

LEARNING OUTCOMES (LOs)

Defined expressing the range from the very best to the minimally acceptable outcomes



UPSKILLS Learning content

Overview of existing materials

Training for UPSKILLS learning content creation

Student research tasks

Modular blocks of units in Moodle, primarily aimed at teachers/trainers
3-6 ECTS with mix-and-match activities

UPSKILLS Learning Content Blocks

Analytical thinking and problem solving

Automatic Speech Recognition and Forced Alignment

Collecting data from human participants

Introduction to Language Data: Standards and Repositories

First steps into scientific research

A glimpse into language data science

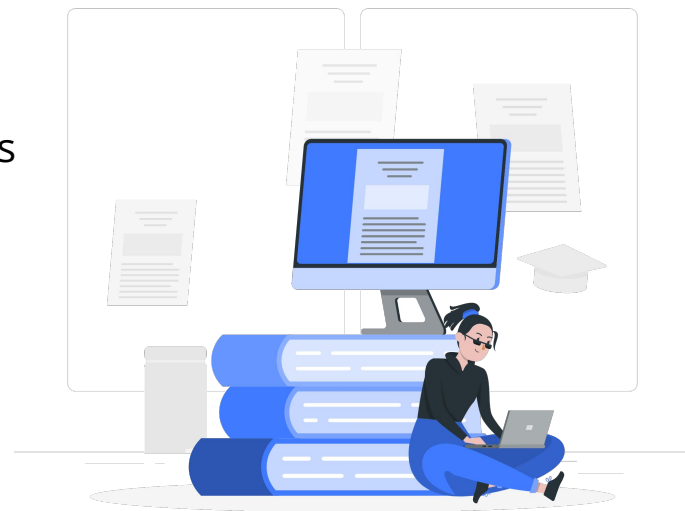
Project management

Start programming with Python in 10 steps

Text Processing

The essence of machine learning for linguists in tech

Upskilling your “Introduction to Language variation” course



[Education illustrations](#)
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**A Glimpse into Language
Data Science**



**Analytical Thinking and
Problem Solving**



**Automatic Speech
Recognition and Forced
Alignment**



**Collecting Language Data
from Human Participants**



**First Steps into Scientific
Research**



**Introduction to Language
Data: Standards and
Repositories**



Project Management



**Start Programming with
Python in 10 Steps**

Why use UPSKILLS materials?

Institution:

- Bridge the gap with emerging developments
- Pick-and-choose as much or as little you can integrate

Students:

- Catch up with the group (e.g. different major, ERASMUS exchange)
- Personalize the learning experience

Instructor:

- Facilitate the flipped classroom
- Reduce workload



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Thank you!

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