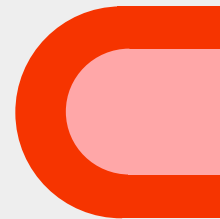
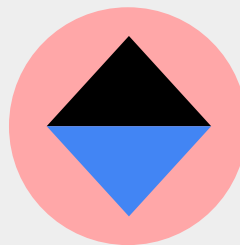


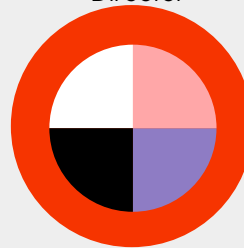
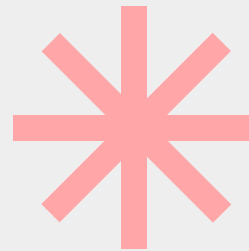
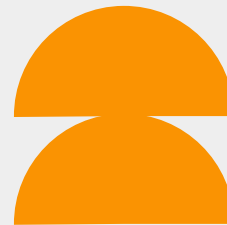


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Societal Analytics Lab

# Lab Tools Introduction



**Wouter van Atteveldt**  
Director

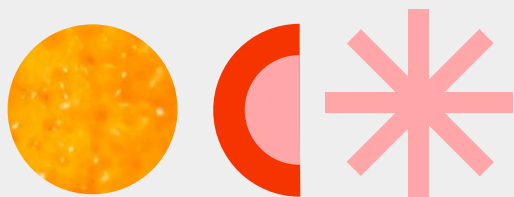


**Sofia Gil-Clavel**  
Lab Manager



**Kasper Welbers**  
Co-Director





# Our Goal



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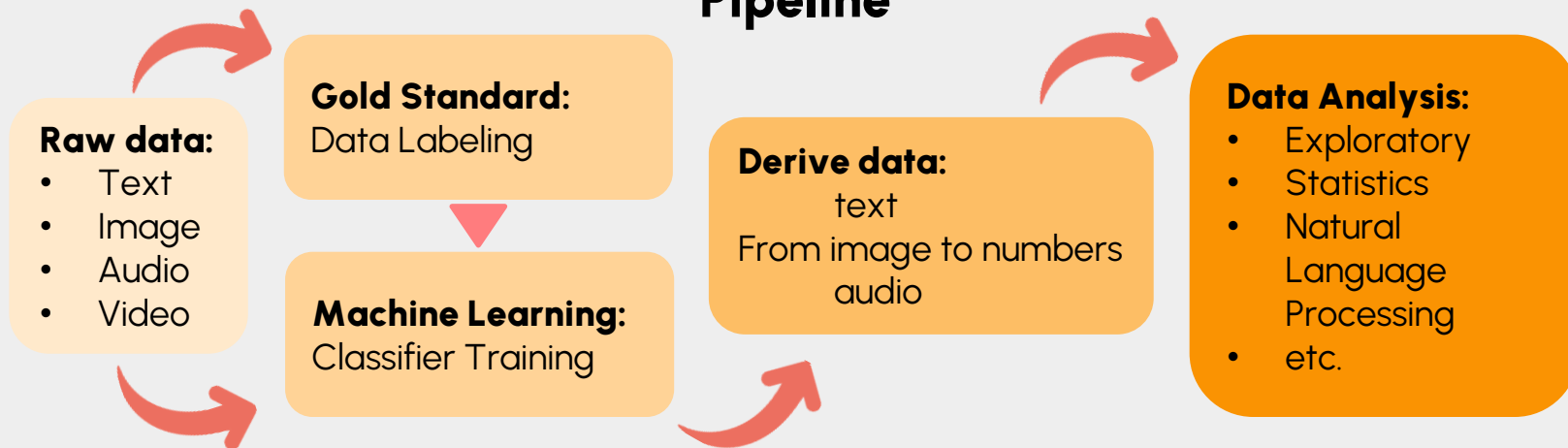
To **facilitate** the use of  
**computational methods** in  
social science research.



# Our Goal



## Computational Methods Pipeline





# Our Goal



Societal Analytics Lab

**Computational  
Infrastructure**

**Computational  
Knowledge**



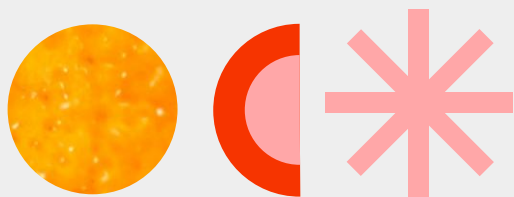
# Our Goal



Societal Analytics Lab

**Computational  
Infrastructure**

**Computational  
Knowledge**



# Our Goal



## Computational Infrastructure

**We work** together  
**with** the **IT for  
Research** department  
to help lab members  
access hardware and  
software.

Create easy to follow  
documentation on:

- How to use IT resources.
- Who to contact to ask for more RAM and storage memory.

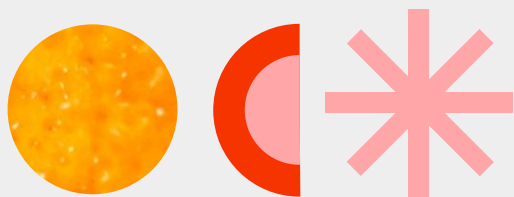


# Our Goal



**Computational  
Infrastructure**





# Our Goal



**Computational  
Infrastructure**

**Our own**



**Computing Server**

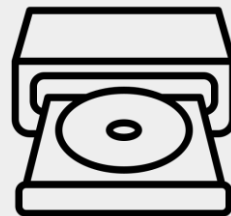


**Software**





**Computing Server**



**Software**



**Computing Server**



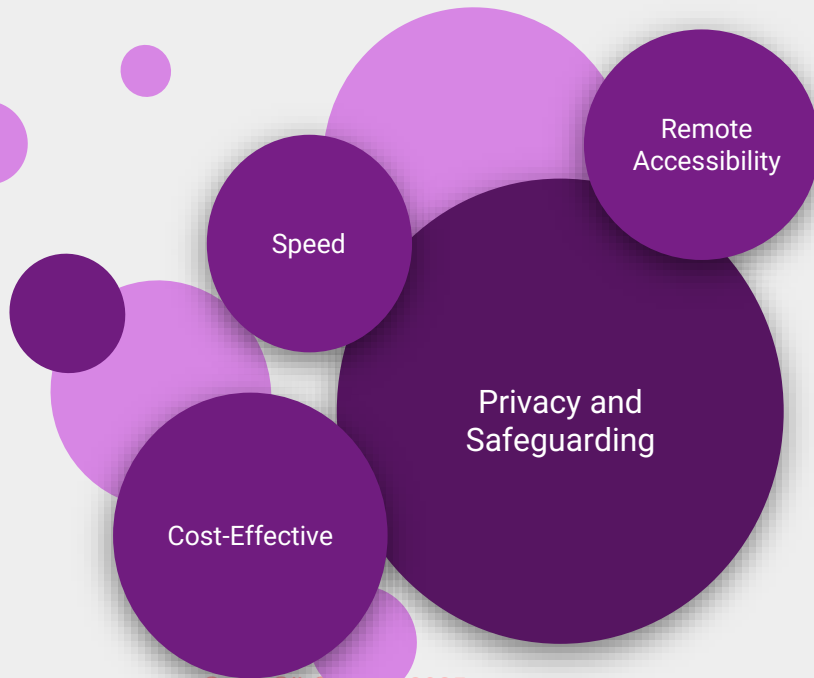
**Software**

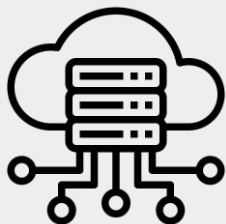


**Computing Server**



**Software**

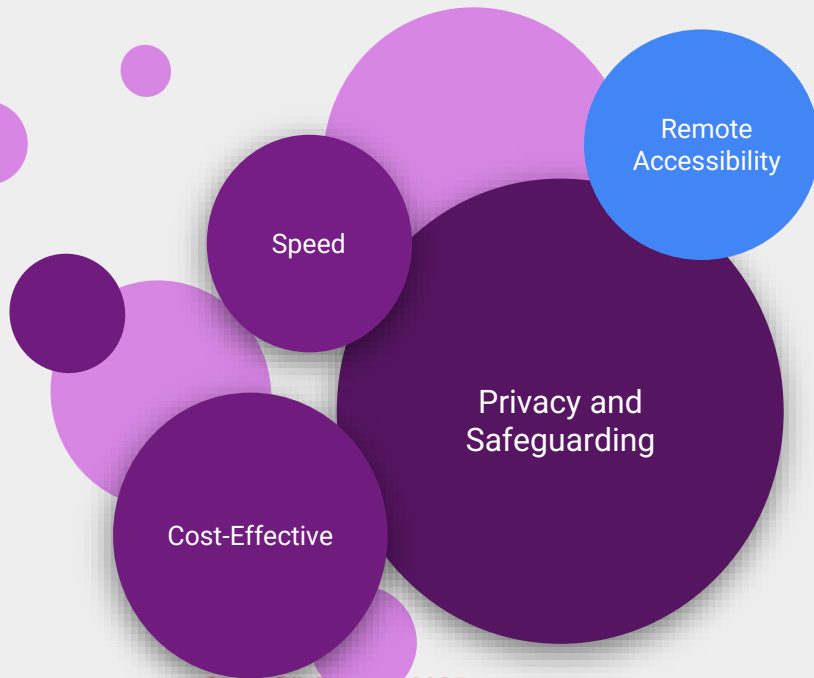




**Computing Server**

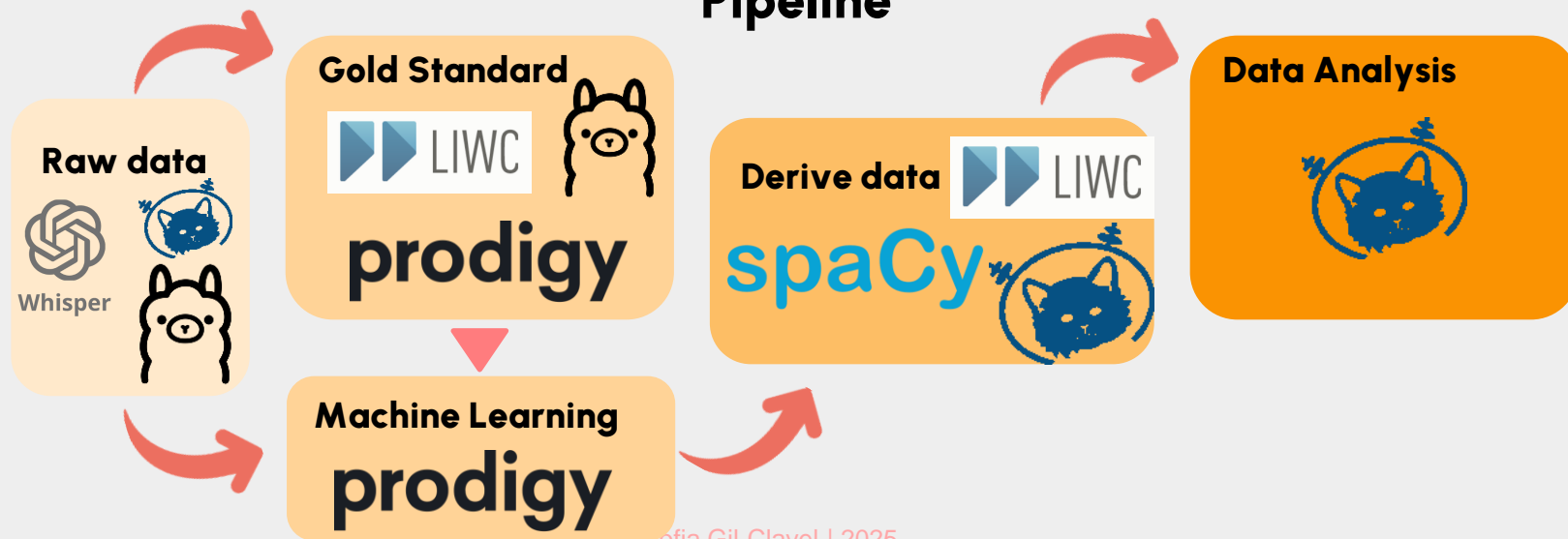


**Software**





## Computational Methods Pipeline

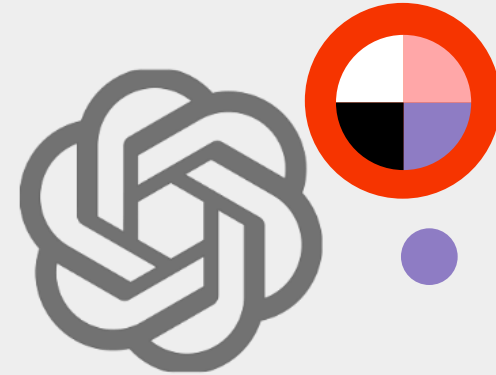




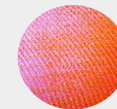
# Whisper

Whisper is an automatic speech recognition system. It enables transcription in multiple languages, as well as translation from those languages into English.

<https://openai.com/index/whisper/>



Whisper





**Send us an email if you  
would like to use it for  
your research!**

Whisper-WebUI

File Youtube Mic T2T Translation BGM Separation

Upload File here

Drop File Here  
- or -  
Click to Upload

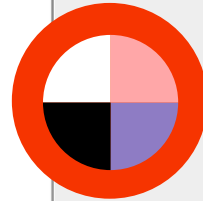
Model Language File Format

large-v2 Automatic Detection SRT

☐ Translate to English?

☐ Add a timestamp to the end of the filename

Advanced Parameters

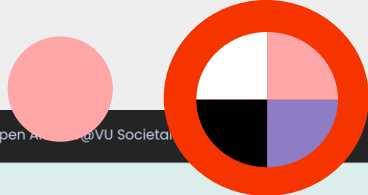




# AmCAT

AmCAT makes it easy to upload, analyze, and sample big data. You keep full control over your data, you can share it, keep it closed, and export it when needed.





Open Access @ VU Societal

# The Power of Text Analysis

AmCAT is an open-source platform for advanced content analysis and text mining.

This server is open to the public, showcasing functionality with some open access data sets that can be searched. Contact Wouter van Atteveldt for more information.

Log in →

Continue as Guest →

## Key Features



### Advanced Text Search

Powerful search capabilities to find relevant information quickly and efficiently.



### In-depth Analysis

Comprehensive tools for content analysis, including sentiment analysis and topic modeling.



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<https://open.amcat.nl/>



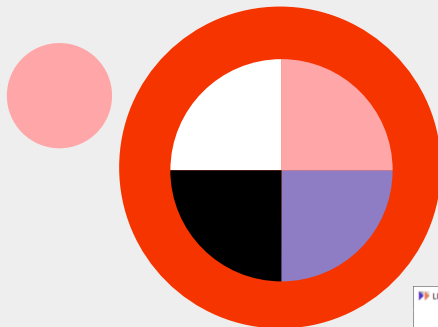


# LIWC

LIWC is the gold standard in software for analyzing word use. It can be used to study a single individual, groups of people over time, or all of social media.

<https://www.liwc.app/>

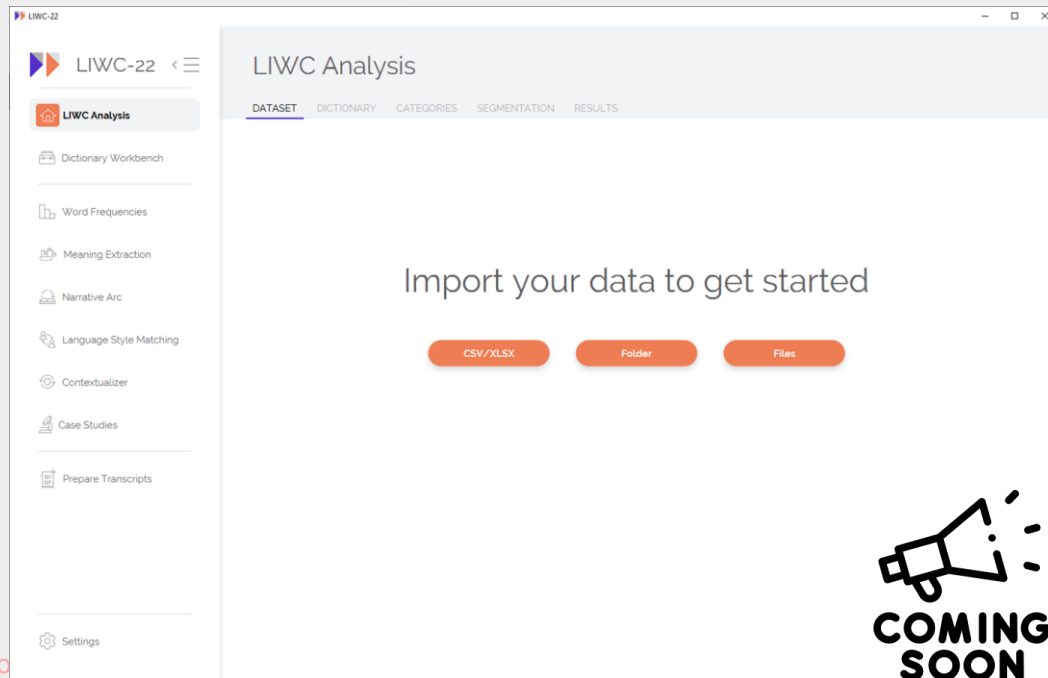




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# LIWC



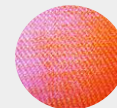
  
**COMING  
SOON**



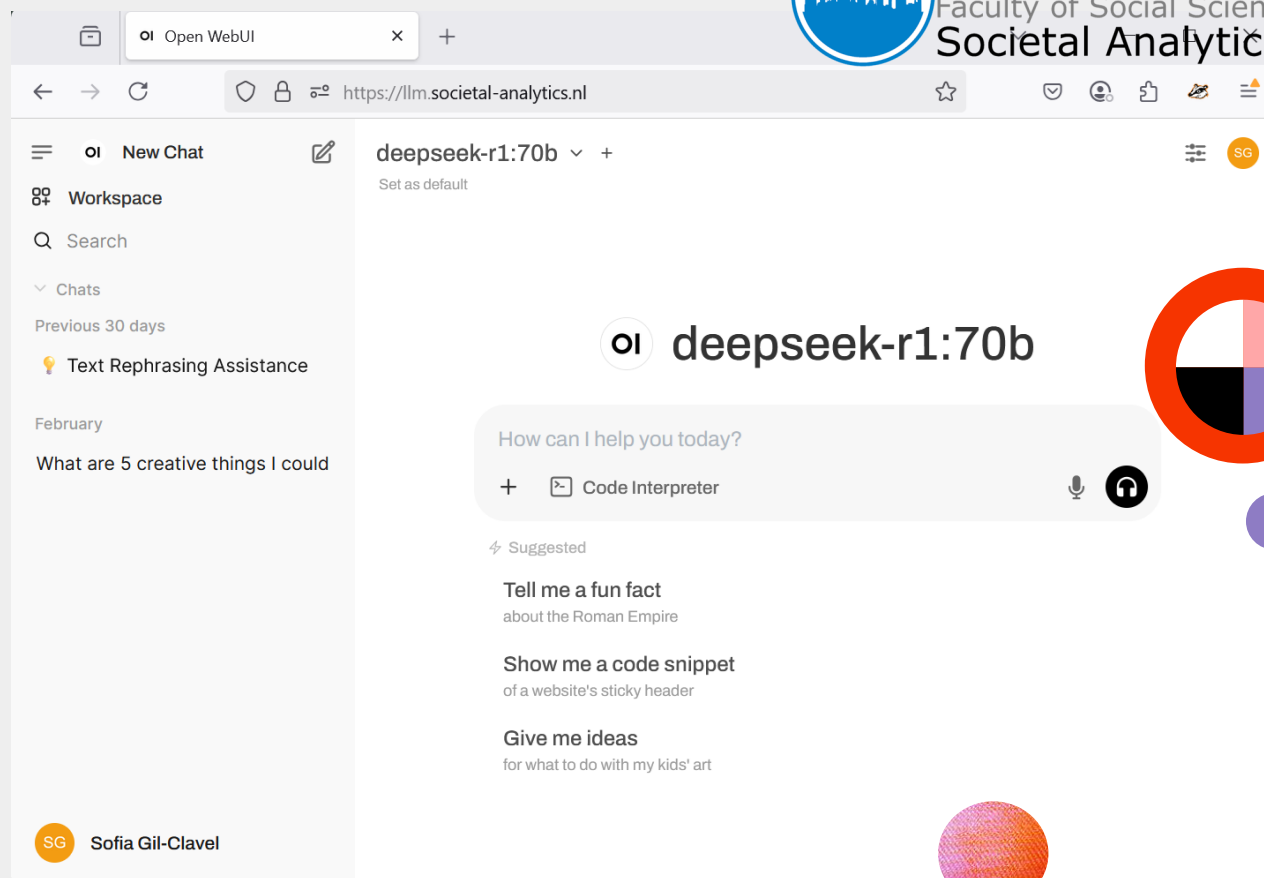
# OpenWeb-UI + Ollama

OpenWeb-UI + Ollama are open-source projects that serve as powerful and user-friendly platforms to run Large Language Models.

<https://docs.openwebui.com/>



**Send us an  
email if you  
would like to  
use it for  
your  
research!**

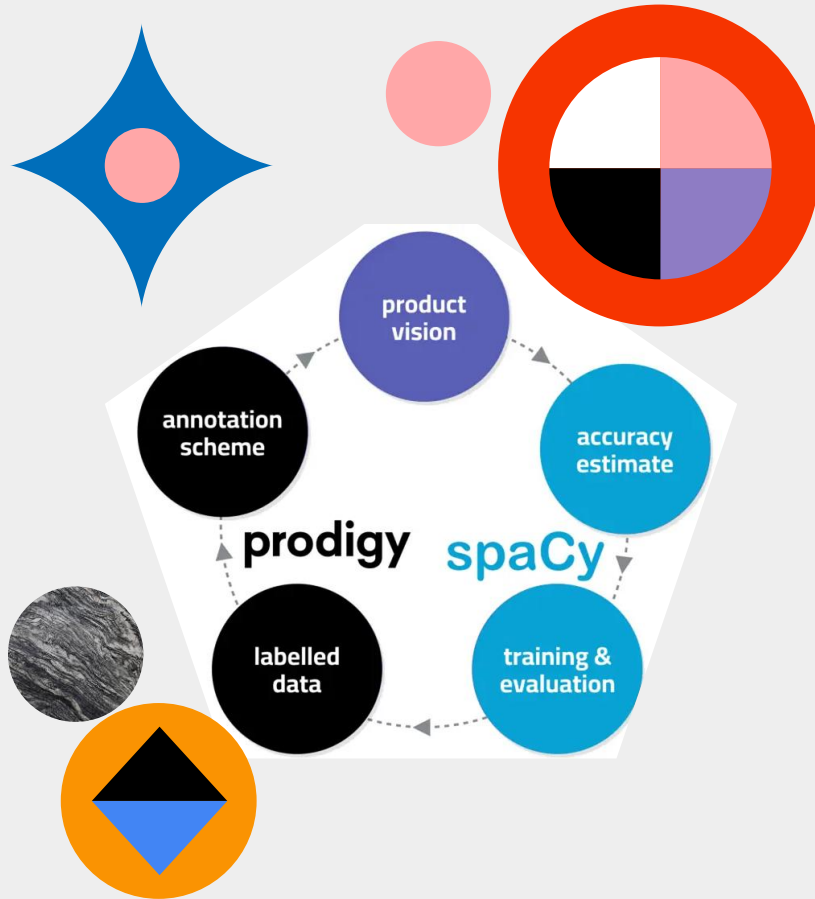




# Prodigy

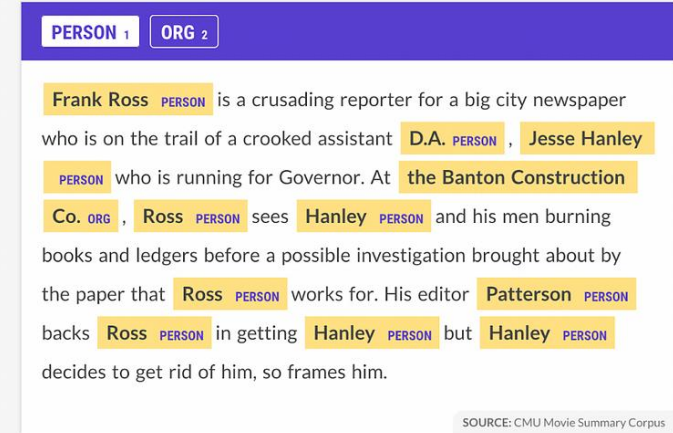
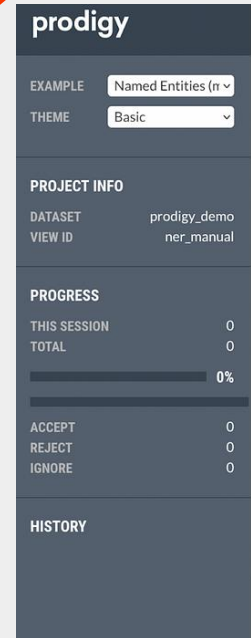
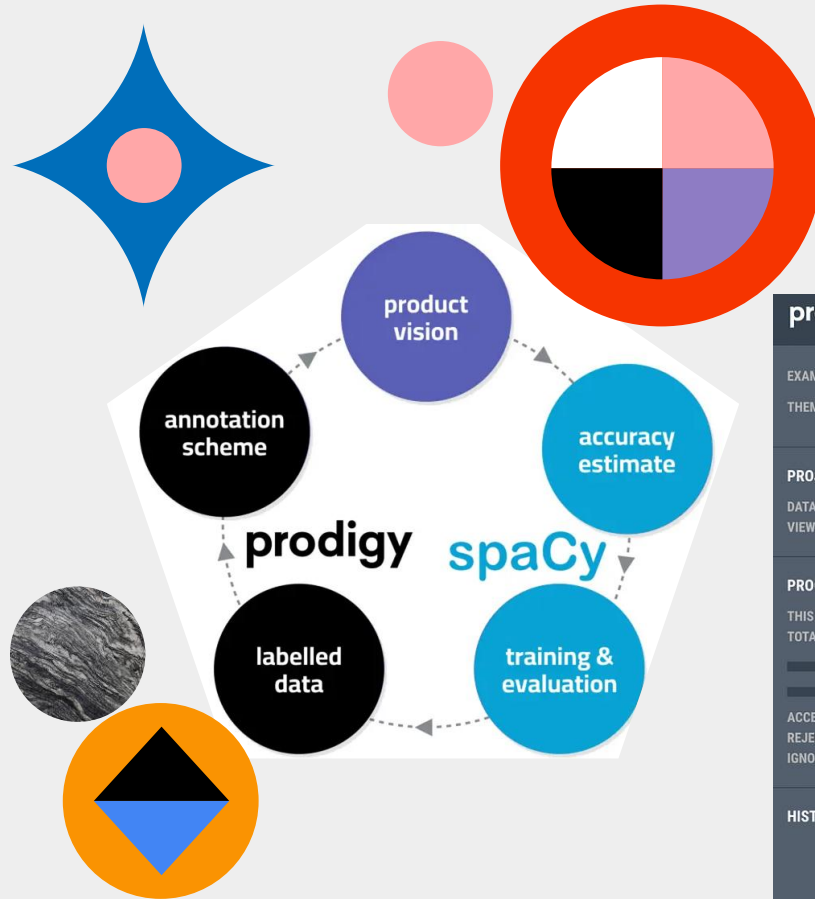
Prodigy is an efficient annotation and training tool that enables entity recognition, detection, image classification, and more!

<https://prodi.gy/>





# Prodigy

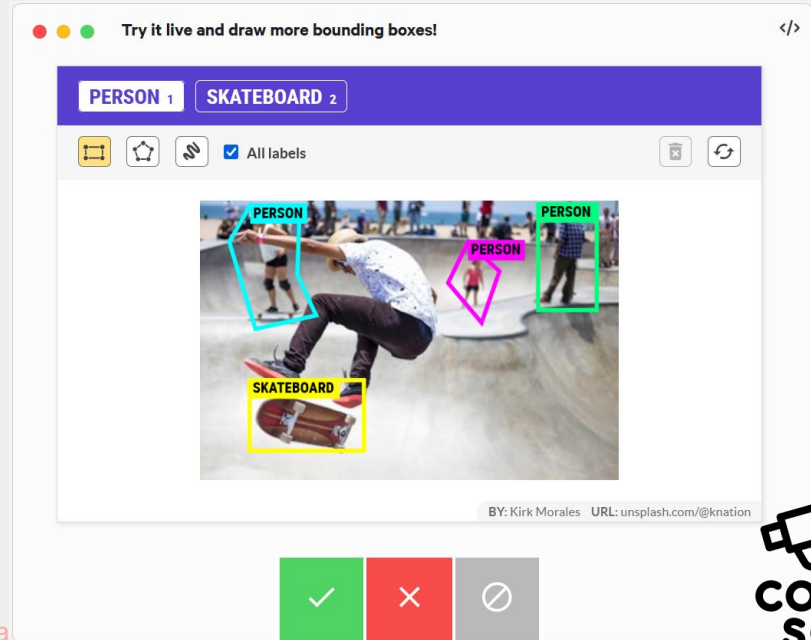
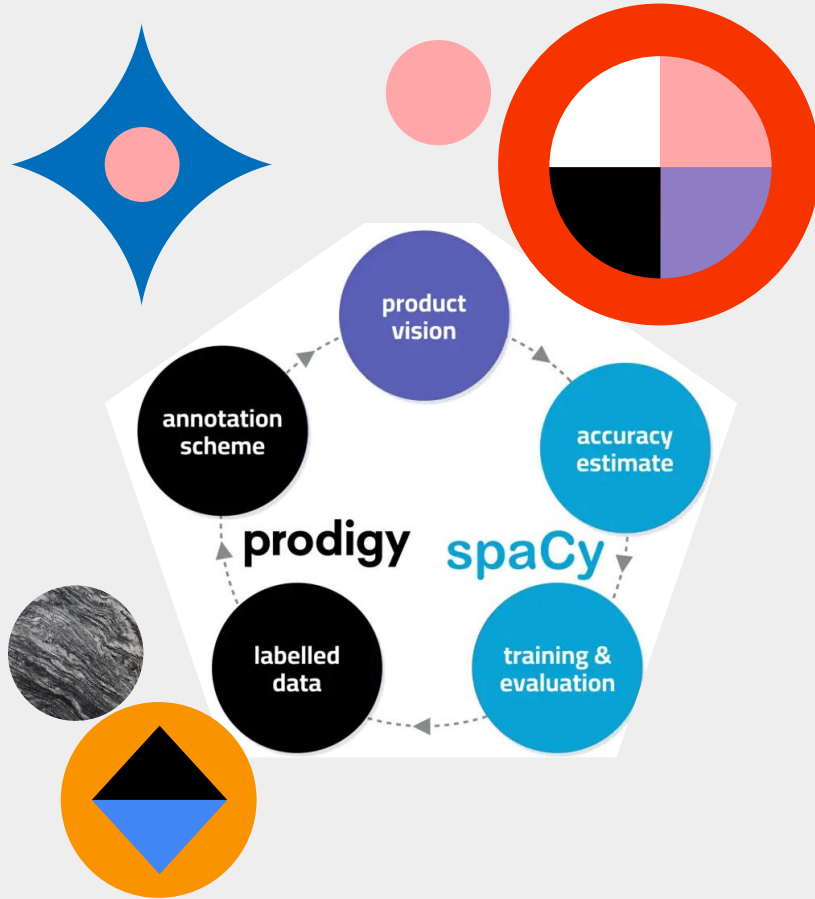


SOURCE: CMU Movie Summary Corpus





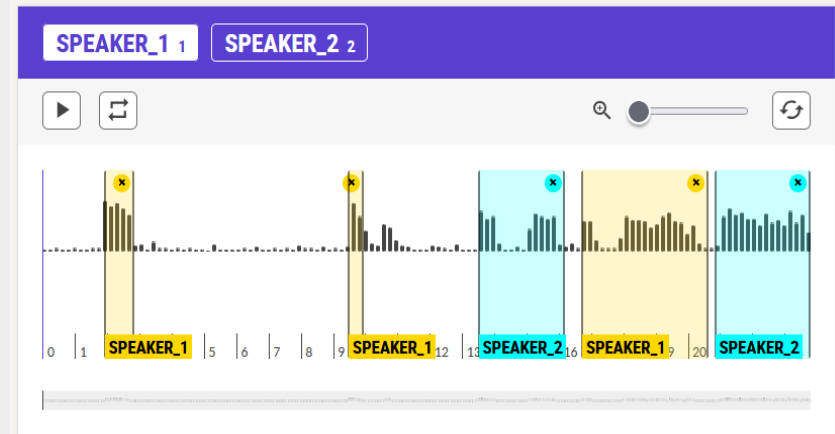
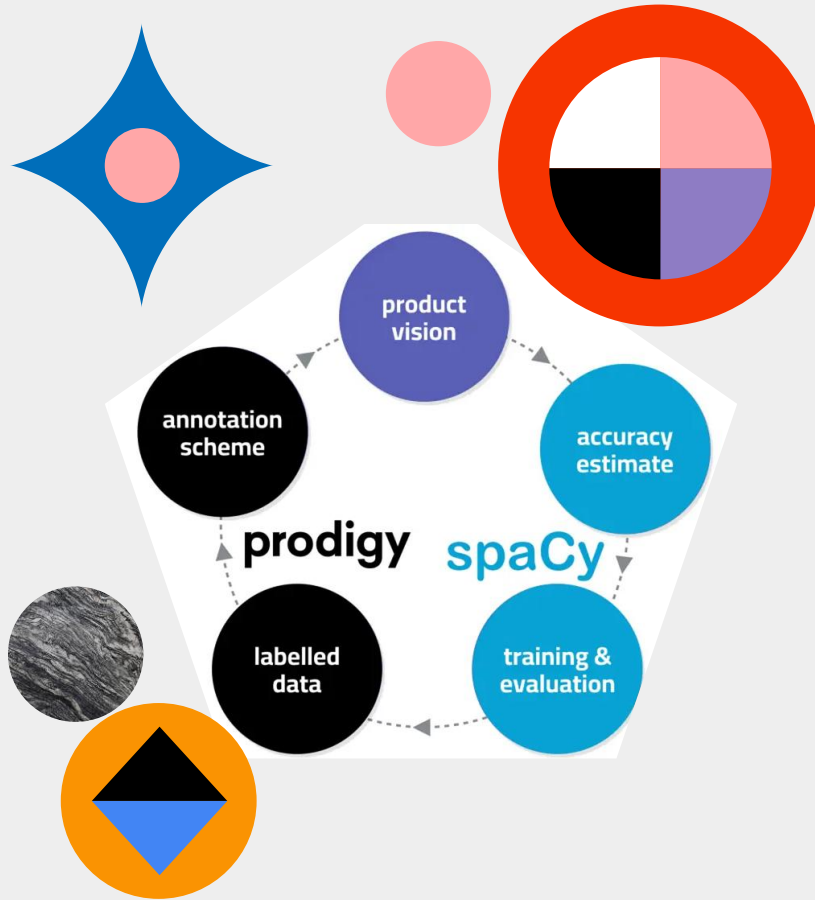
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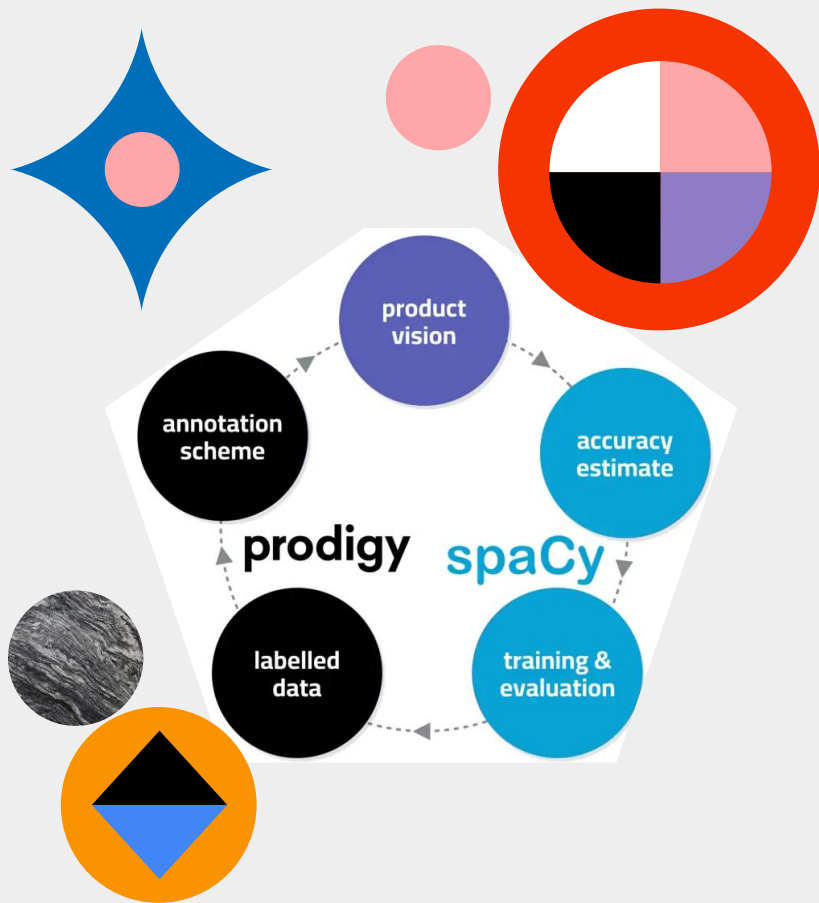




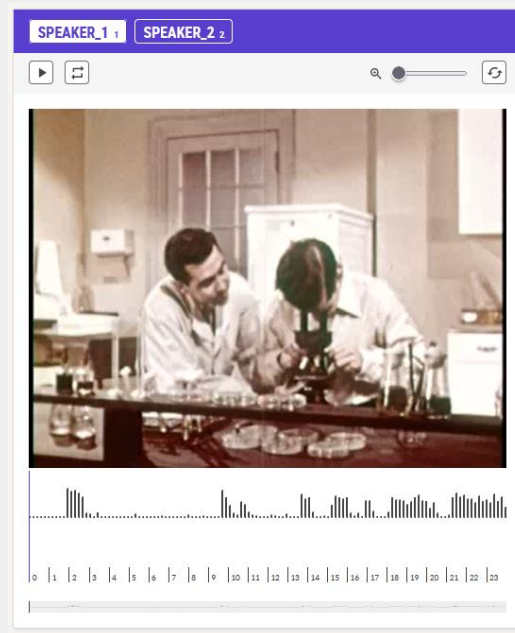


# Prodigy





# Prodigy



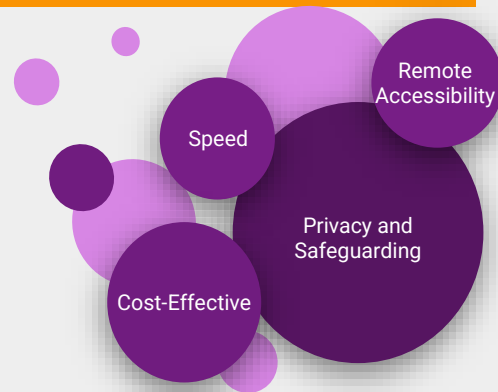
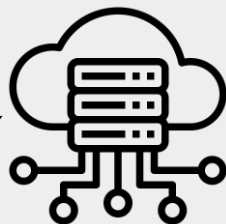


# Our Goal



**Computational  
Infrastructure**

**Our own**



Whisper

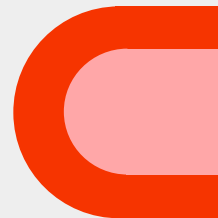
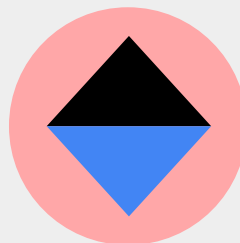
**spaCy**

**prodigy**

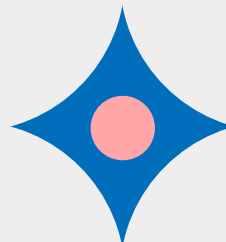
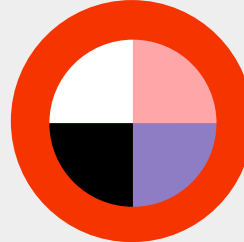
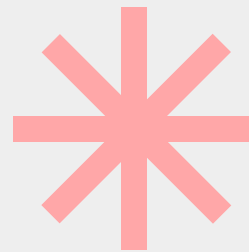
Join us!



<https://forms.office.com/e/8Bgd2YsasJ>



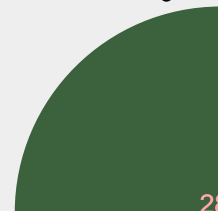
**Wouter van Atteveldt**  
Director

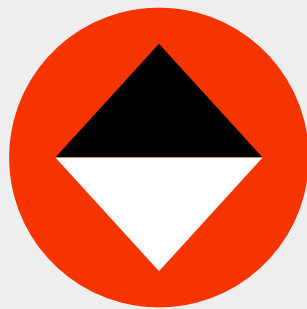


**Sofia Gil-Clavel**  
Lab Manager



**Kasper Welbers**  
Co-Director



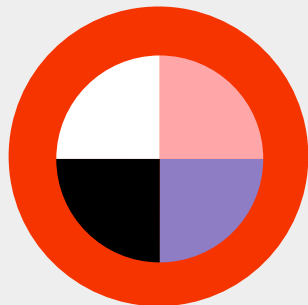


**Sofia Gil-Clavel**  
Lab Manager



**Wouter van Atteveldt**  
Director

# Thanks!



**Kasper Welbers**  
Co-Director

