

# DIGITAL TECHNOLOGIES AND AI IN LANGUAGE LEARNING

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Language learning is important  
in a globalised world.





We implement new technologies to the language learning methods.





A young girl with long, curly brown hair is sitting at a white desk in a classroom, reading an open book. She is wearing a denim jacket. In the background, other students are seated at desks, and a teacher is leaning over one of them. The scene is dimly lit, with a dark overlay. The text "DIGITAL TOOLS FOR LANGUAGE LEARNING" is centered over the image in a glowing cyan font.

# DIGITAL TOOLS FOR LANGUAGE LEARNING



# OVERVIEW

## LEARNING APPS

- |               |                   |
|---------------|-------------------|
| 1. Duolingo   | 6. Ewa            |
| 2. Babbel     | 7. Memrise        |
| 3. Busuu      | 8. Falou          |
| 4. Diki       | 9. Quizlet        |
| 5. BeeSpeaker | 10. Rosetta Stone |

## ONLINE PLATFORMS

- |            |              |
|------------|--------------|
| 1. Loecsen | 6. Preply    |
| 2. ChatGPT | 7. Virbling  |
| 3. Lingq   | 8. Menimeter |
| 4. FluentU | 9. Quizz     |
| 5. Italki  | 10. Cambly   |

## SOFTWARE

- | Language assistants: | Virtual Reality apps: |
|----------------------|-----------------------|
| 1. Amazon Alexa      | 1. Mondly VR          |
| 2. Apple Siri        | 2. VR Languages       |
| 3. Google Assistant  | 3. HelloTalk AR       |

# FEATURES



**INTERACTIVE  
LESSONS**



**GAMIFICATION  
ELEMENTS**



**PERSONALISED  
LEARNING  
PATHWAYS**

# ARTIFICIAL INTELLIGENCE IN LANGUAGE LEARNING



**SPEECH  
RECOGNITION**



**LANGUAGE  
TRANSLATION**



**ALGORITHMS**


# ADVANTAGES OF DIGITAL TECHNOLOGIES AND AI IN LANGUAGE LEARNING

ACCESSIBILITY

PERSONALIZATION

INTERACTIVE  
LEARNING





# CHALLENGES AND CONSIDERATIONS

**PRIVACY  
CONCERNS**

**ACCESS TO  
TECHNOLOGY**

**DIGITAL DIVIDE  
ISSUES**



# CASE STUDIES

A young man with dark hair, wearing a light-colored plaid shirt, is seated at a wooden desk in a library. He is leaning forward, intently reading an open book. On the desk in front of him are several other books, some stacked together, and a dark-colored hat. The library environment is dimly lit, with rows of wooden desks and black chairs extending into the background. Bookshelves filled with books are visible in the distance. The overall atmosphere is quiet and focused.



# SURVEYS

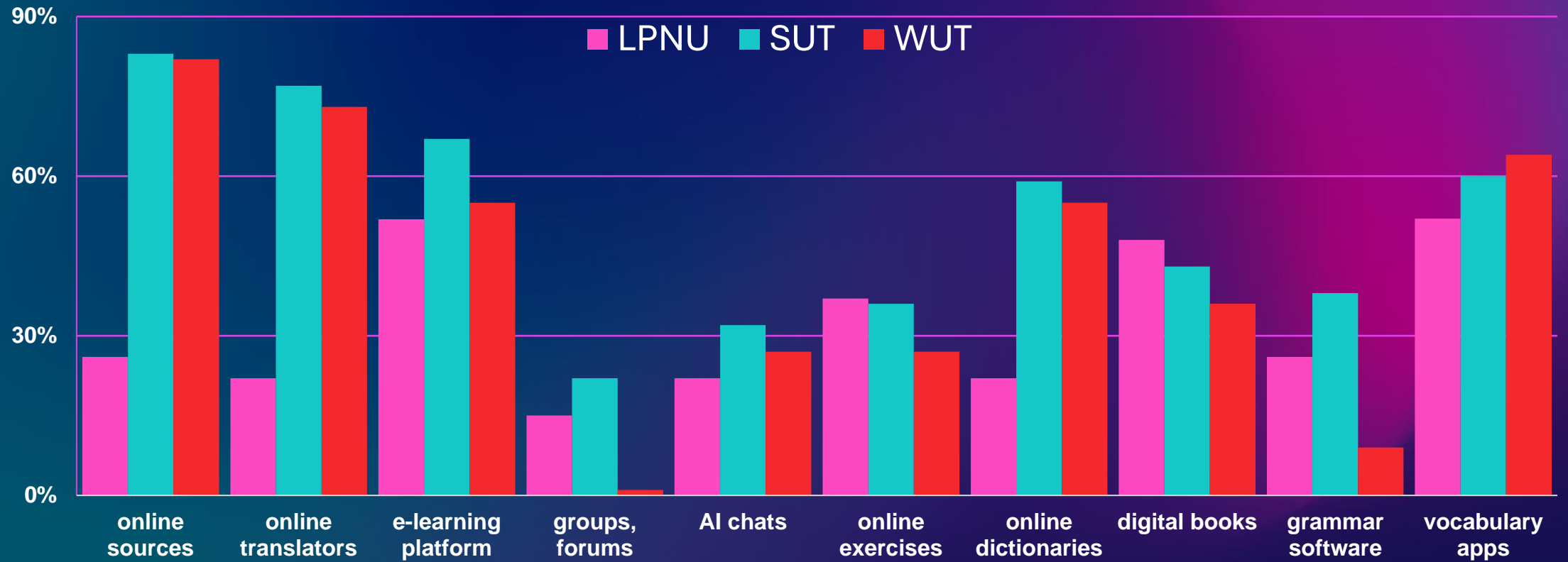
LVIV POLYTECHNIC NATIONAL UNIVERSITY

SILESIA UNIVERSITY OF TECHNOLOGY


WARSAW UNIVERSITY OF TECHNOLOGY



# DIGITAL TECHNOLOGIES USED BY STUDENTS







# REASONS FOR USING TECHNOLOGIES

- convenience
- quick access to information
- flexibility with time and place
- easy access (free of charge)

# LANGUAGE LEARNING APPS



duolingo

MEM  
RISE



Quizlet

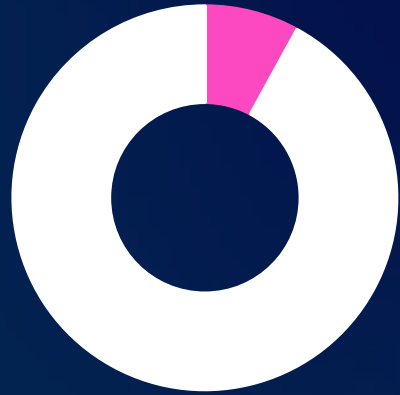
+Babbel



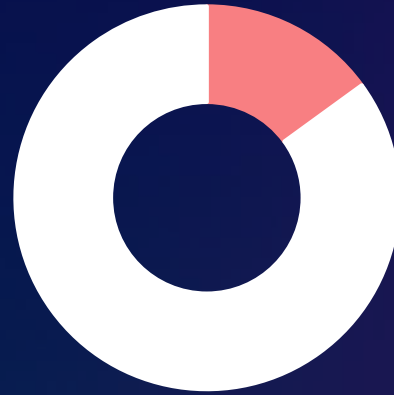
Busuu



# WRONGLY CHOSEN AS AI BY STUDENTS



APP'S INTERFACE



ACHIEVEMENTS



DATABASE  
ACCESS

# ATTITUDE







# STUDENTS AGREE

- I feel productive
- I feel progress
- You learn but not much
- Apps are easier than traditional methods
- I learn how to write, read and listen



# STUDENTS DISAGREE

- The app is enough to master the language
- Apps can replace textbooks and teachers
- I can learn more and faster
- Apps waste time
- Apps develop all language skills





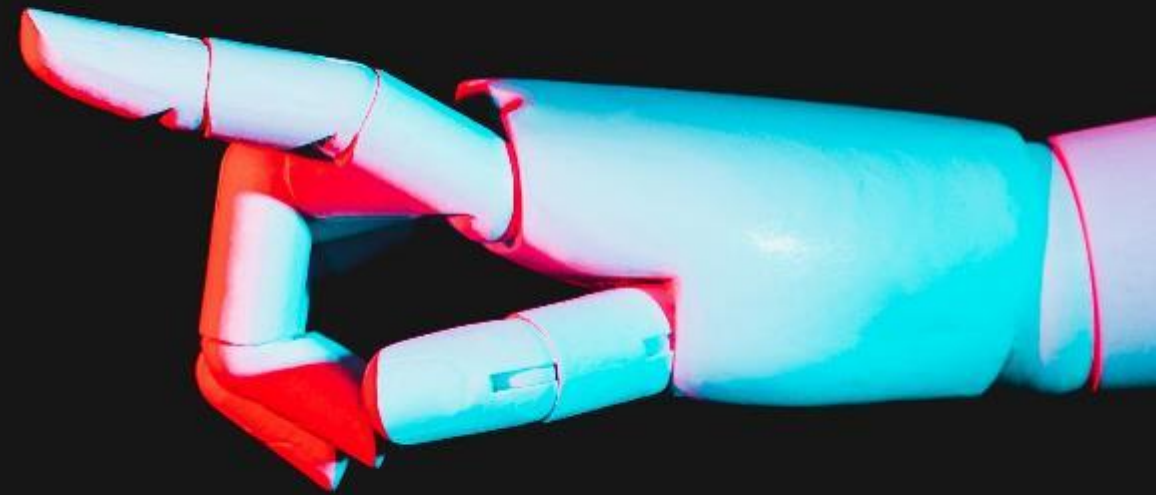
# STUDENTS STRONGLY DISAGREE

- I feel productive
- Apps can replace teachers and contact with native speakers
- Apps develop all language skills
- Apps can make me fluent

# CONCLUSION

Students like using digital technologies.

Digital technologies are not enough to learn a language well.







THANK  
YOU