

The background of the slide is a dark blue gradient with abstract digital patterns. At the top, there are red and white binary digits (0s and 1s) and a red line graph. The bottom half of the slide features a blurred image of a city at night with glowing lights and more binary code overlaid in white and blue.

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 curly hair is sitting at a desk in a classroom, reading an open book. She is wearing a denim jacket. In the background, other students are visible, some looking at books and others looking towards the camera. The classroom has large windows on the right side. The text "DIGITAL TOOLS FOR LANGUAGE LEARNING" is overlaid in the center of the image in a light blue, outlined 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**

An abstract graphic on the left side of the slide featuring a complex network of glowing blue and red lines connecting numerous small dots, creating a sense of digital connectivity and data flow.

CHALLENGES AND CONSIDERATIONS

**PRIVACY
CONCERNS**

**ACCESS TO
TECHNOLOGY**

**DIGITAL DIVIDE
ISSUES**

CASE STUDIES

A man with dark hair, wearing a light-colored shirt and a plaid scarf, is seated at a wooden desk in a library. He is looking down at an open book, with a pen in his right hand. On the desk, there is a stack of books, a blue hat, and some papers. The library has rows of wooden desks and chairs, and bookshelves filled with books in the background. The lighting is warm and focused on the man's desk.

SURVEYS

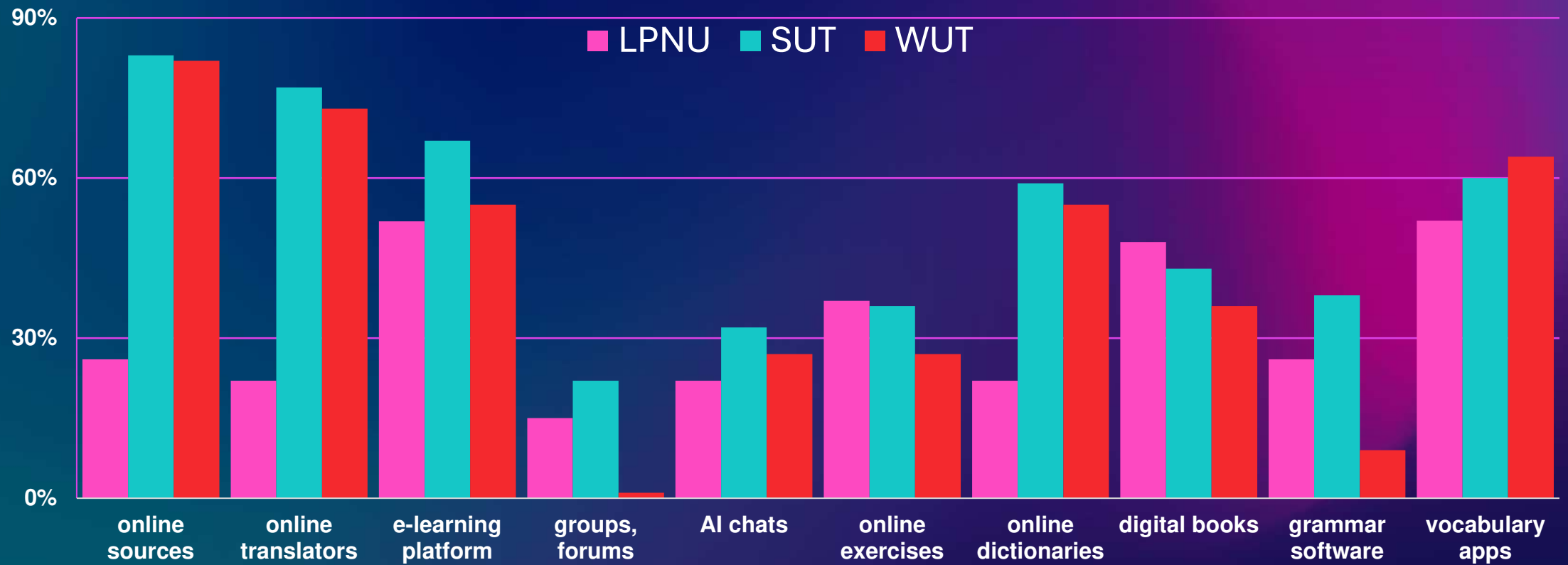
LVIV POLYTECHNIC NATIONAL UNIVERSITY


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



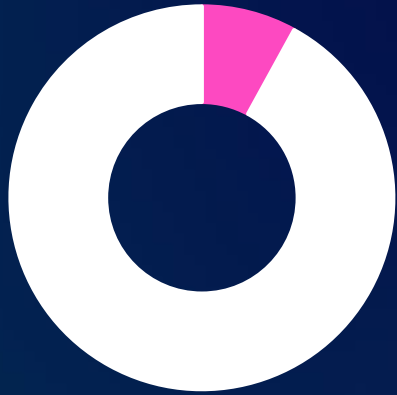
Quizlet

÷Babbel

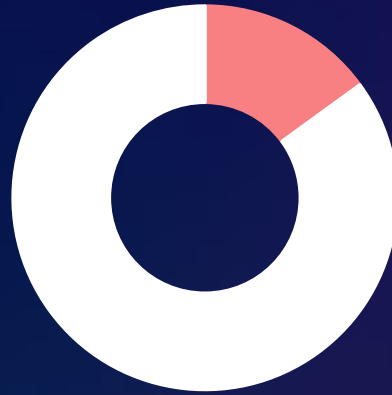


Busuu

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



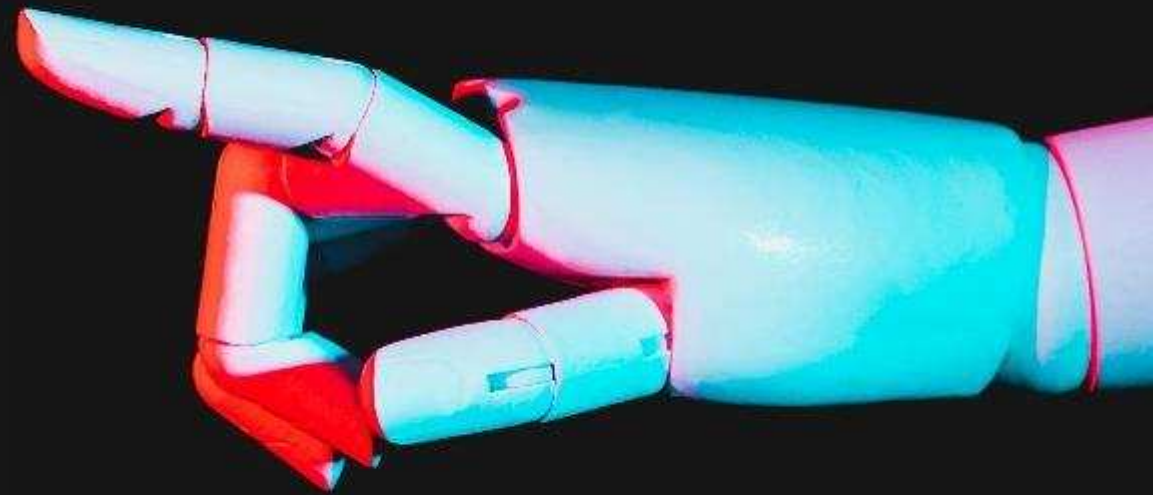
STUDENTS STRONGLY DISAGREE

- 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.



The background of the image is a dark, almost black, space filled with a complex, glowing network of light blue lines and dots. These dots, representing nodes, are of varying sizes and brightness, with some appearing as sharp points of light and others as soft, out-of-focus bokeh. The lines connecting the nodes form a dense, web-like structure that is most prominent on the left side of the image and fades into the background towards the right. The overall effect is one of a vast, interconnected digital or neural network.

THANK
YOU