

ARTIFICIAL INTELLIGENCE IN EDUCATIONAL ACTIVITIES IN LIBRARIES

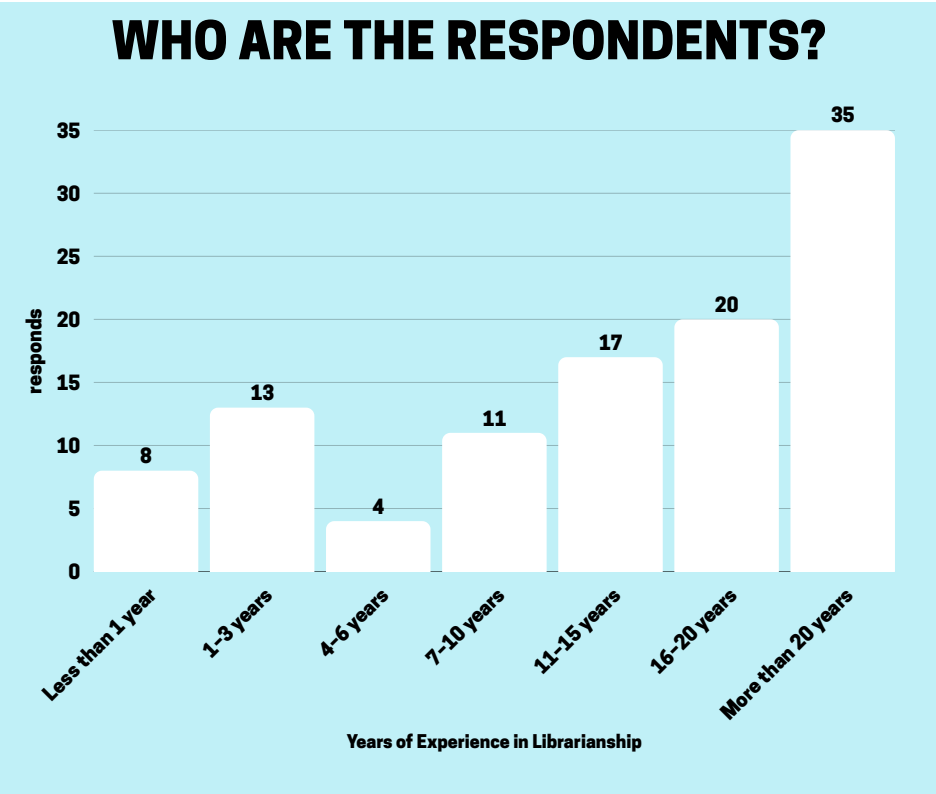
LIBRARIANS ARE EAGER TO EXPERIMENT WITH AI, BUT NEED CLEAR GUIDANCE, TRAINING, AND ETHICAL SUPPORT

INTRODUCTION & OBJECTIVE

This poster presents the results of a survey exploring how Czech librarians use AI tools in educational activities. The aim was to understand current practices, identify benefits and concerns, and suggest areas for further support and training.

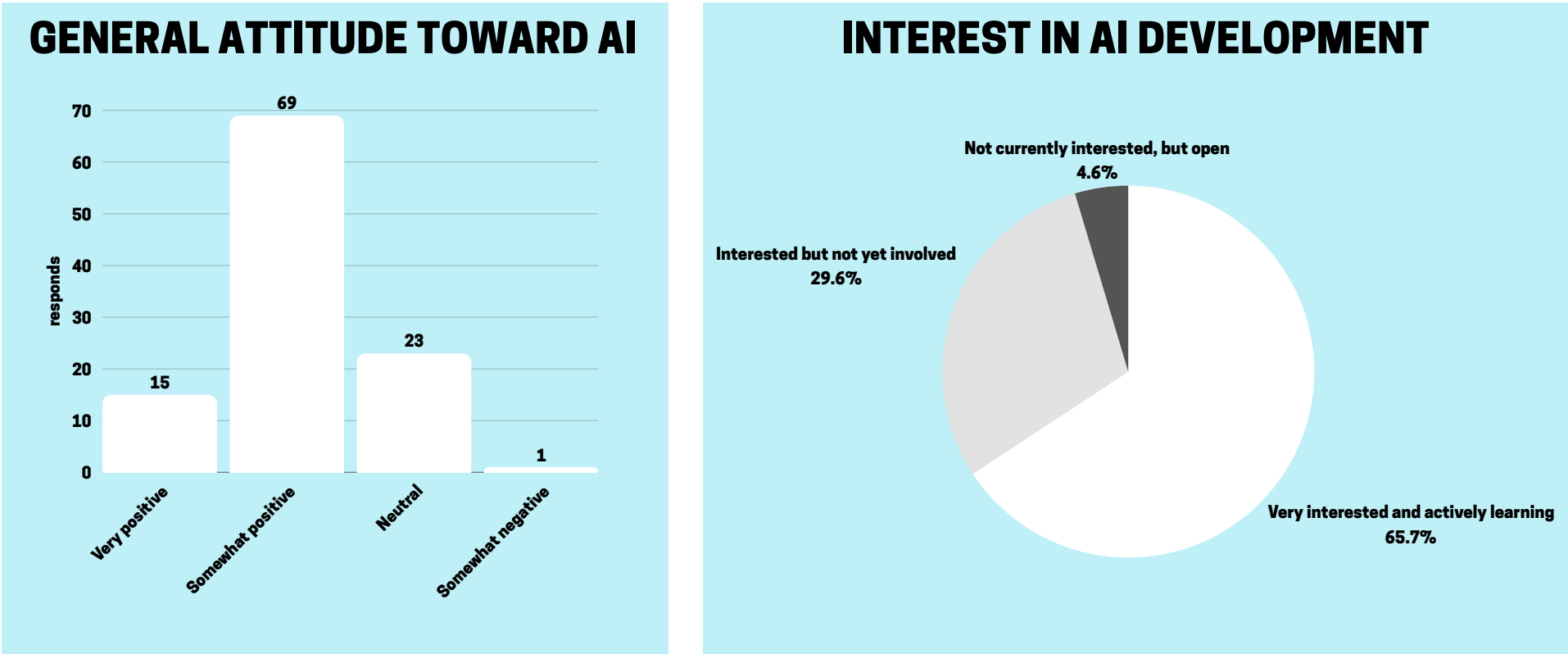
METHODOLOGY

The survey was conducted online with 108 respondents from various types of libraries. We analyzed a subset of responses that focused on AI use in lesson preparation, translations, and user education.



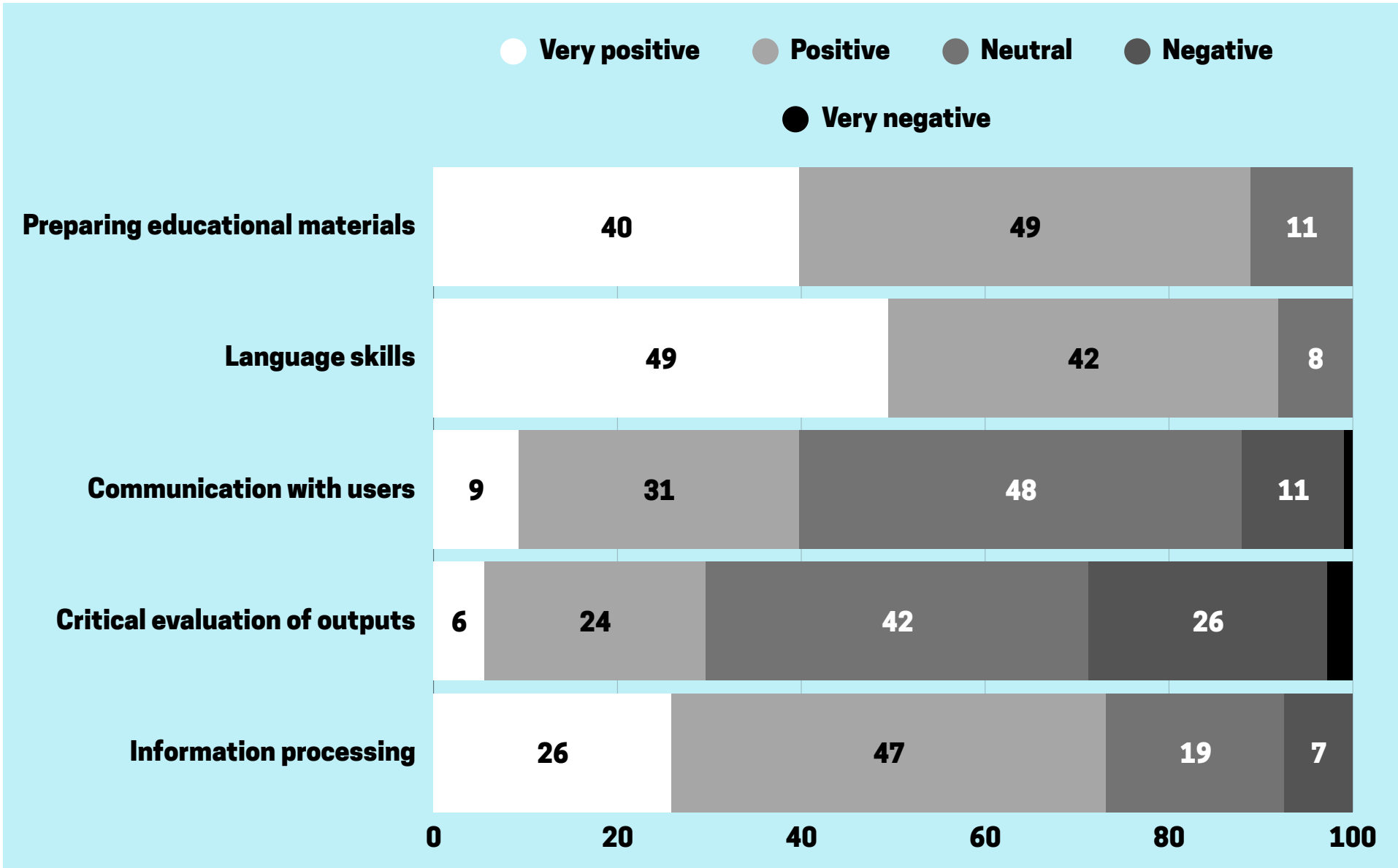
PERCEIVED IMPACT ON SKILLS

Librarians reported that AI positively supports tasks related to language and content creation. However, its role in communication with users and critical evaluation of AI-generated outputs was perceived more cautiously, with a higher proportion of neutral or negative responses. This suggests that while AI is a helpful tool for preparing materials, librarians remain mindful of its limitations in tasks that require human judgment, empathy, and contextual understanding.



UNDERSTANDING AND ATTITUDES TOWARD AI

Artificial intelligence (AI) is becoming an increasingly important tool in libraries, supporting a wide range of services and workflows. As part of a broader pilot survey on AI use in librarianship, this poster focuses on how AI is applied specifically in educational activities. With the growing emphasis on digital competencies and innovative teaching approaches, understanding the current use of AI in this area is essential for aligning library education practices with evolving technological capabilities.



USE OF AI IN EDUCATIONAL WORK

Librarians use AI in a variety of ways to support educational work. Most commonly, they generate visual and textual content for lessons and workshops. Many also create quizzes, translate texts, and prepare supporting materials.

- Top Educational Uses of AI:
- Generating visuals
 - Creating learning materials
 - Translating text
 - Preparing background docs
 - Designing quizzes & tests
 - Fact-checking information

CHALLENGES AND CONCERNS

Although librarians see great potential in using AI for educational work, they also express a number of concerns. The most frequent issues involve ethics, data trustworthiness, and lack of control over AI-generated content. Additional risks mentioned include limited digital literacy, insufficient funding, and growing dependence on AI tools.

- Top Concerns Reported (multiple answers allowed):
- Ethical risks (e.g., bias, manipulation)
 - Spread of unverified or false information
 - Lack of control over AI-generated content
 - Potential misuse of data / privacy concerns
 - Decline in human communication and interaction
 - Overdependence on technology
 - Low digital competencies among librarians
 - Insufficient funding or infrastructure for AI
 - Risk of job loss due to automation

MICHAELA MRÁZOVÁ

Department of Information and Communication Technologies, Faculty of Education, University of Ostrava, Ostrava, Czech Republic / Librarianship Institute, National Library of the Czech Republic, Prague, Czech Republic
michaela.mrazova.s01@osu.cz

