





International Conference
The Future of Education



ARTIFICIAL INTELLIGENCE IN THE TEACHING OF FOREIGN LANGUAGES IN PRIMARY SCHOOLS IN PODGORICA

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FLORENCE, JUNE 2025

OBJECTIVES



- 1 To present the current level of AI preparedness among primary school teachers in Podgorica
- 2 To identify the main challenges in adopting AI in language teaching
- 3 To discuss the overview of results

CONTENTS



- 1 Brief background on the use of AI in Education
- 2 Methodology of the Research
- 3 Overview of Results
- 4 Discussion
- 5 Q&A

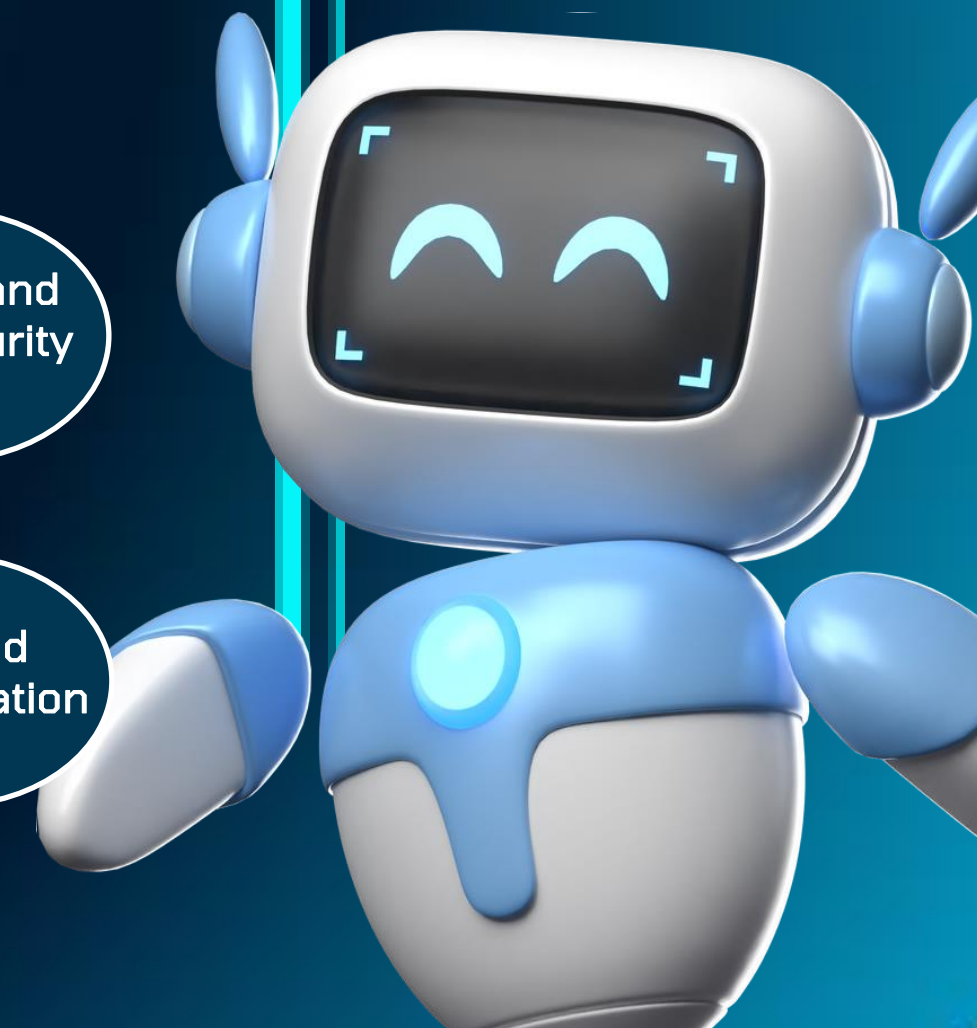
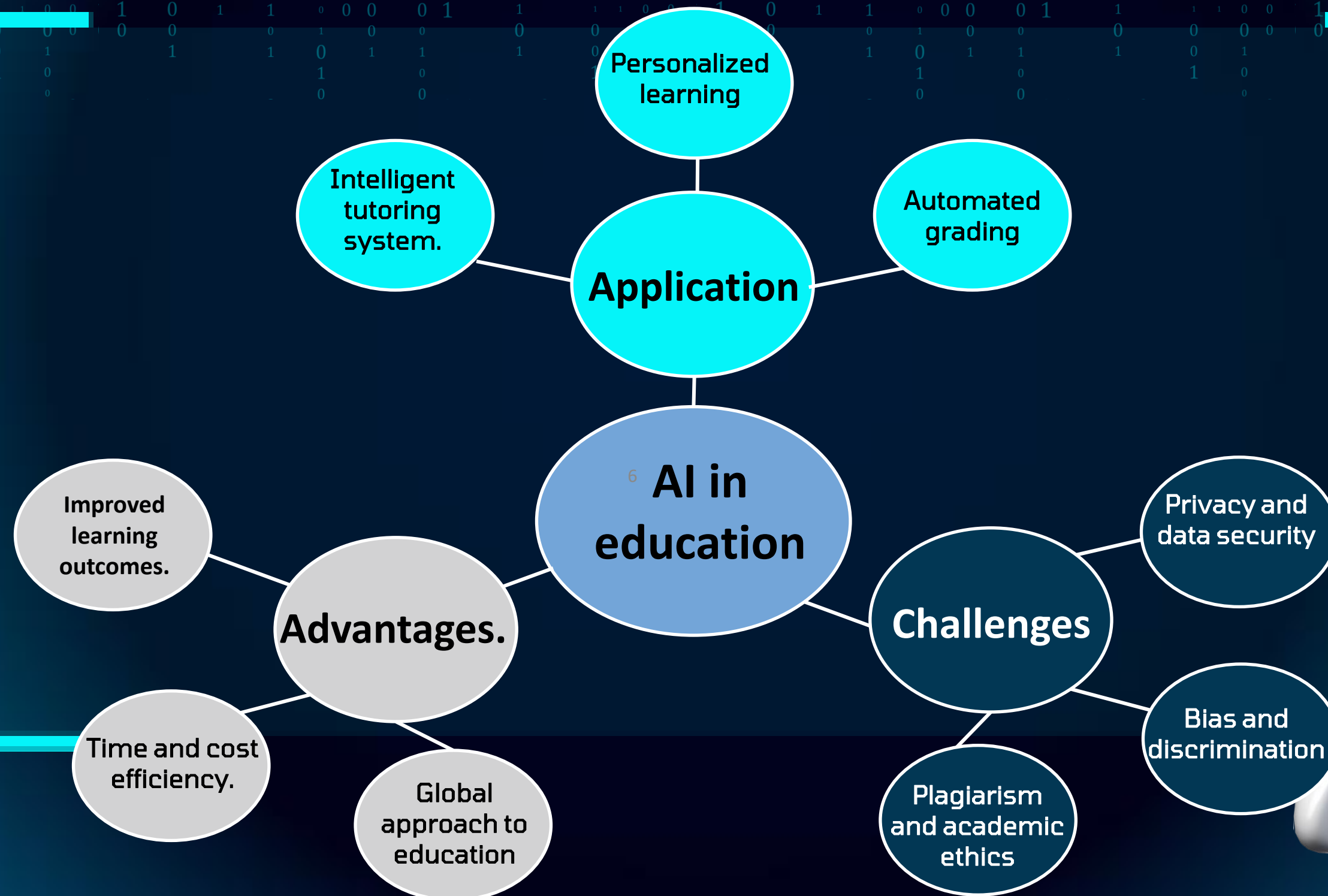
INTRODUCTION



- ① The impact of AI on all areas of our lives
- ② The latest achievements in the field of AI
- ③ The increasing use and potential misuse by students
- ④ Ongoing discussions among teachers about the pros and cons of AI in education
- ⑤ Ethical concerns

POSSIBILITIES AND CHALLENGES OF AI

6



RESEARCH QUESTIONS

7

WHAT ARE TEACHERS'
PERCEPTIONS OF AI USE
IN
FOREIGN LANGUAGE CLASSES?

HOW DO THEY APPROACH AI
IN THE CLASSROOM?

TO WHAT EXTENT IS AI APPLIED
IN PRIMARY SCHOOLS?

RESEARCH METHODOLOGY



Sample: 64 foreign language teachers



Method: descriptive and qualitative



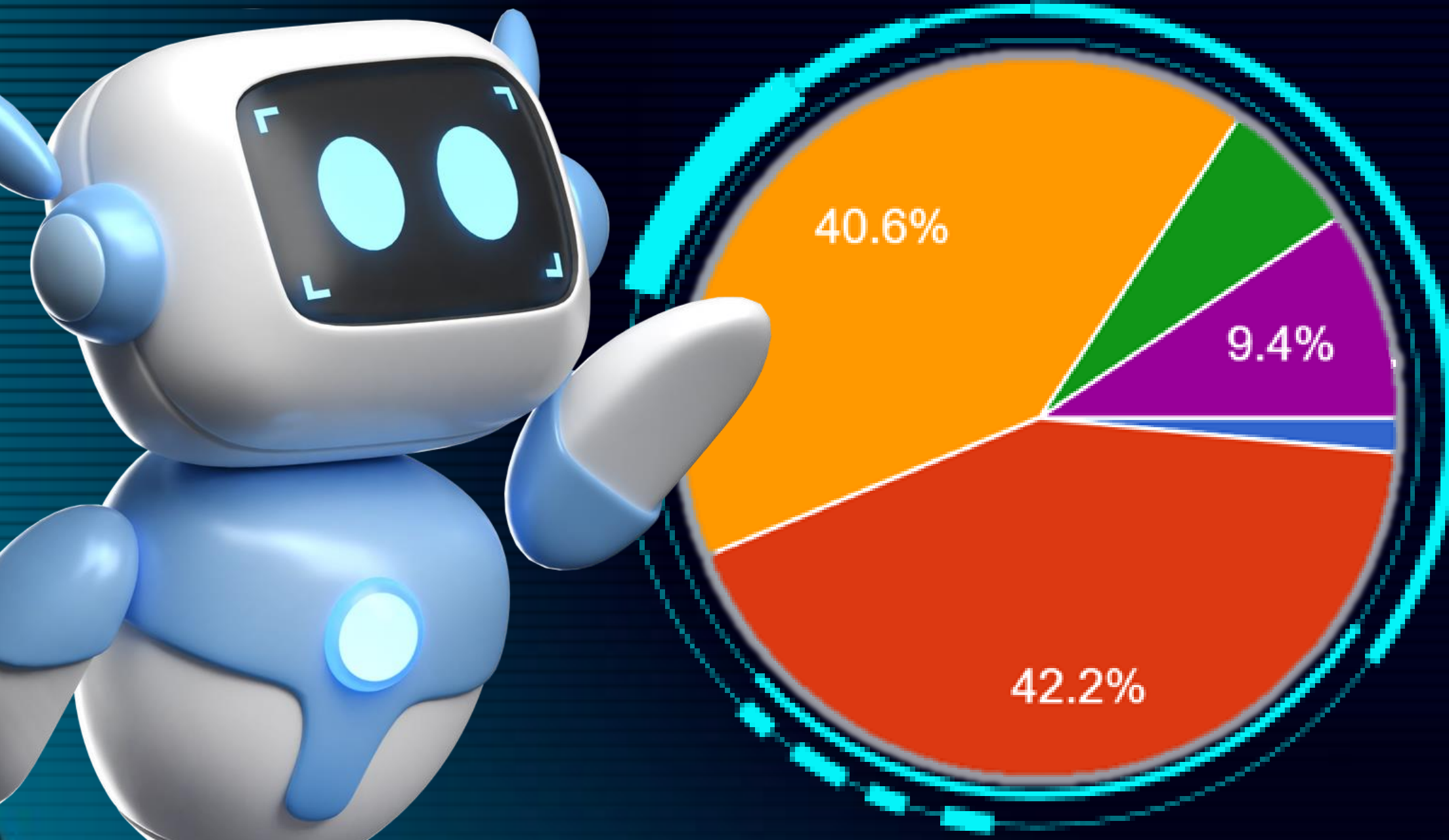
Tool: online questionnaire



Conducted: June 2024

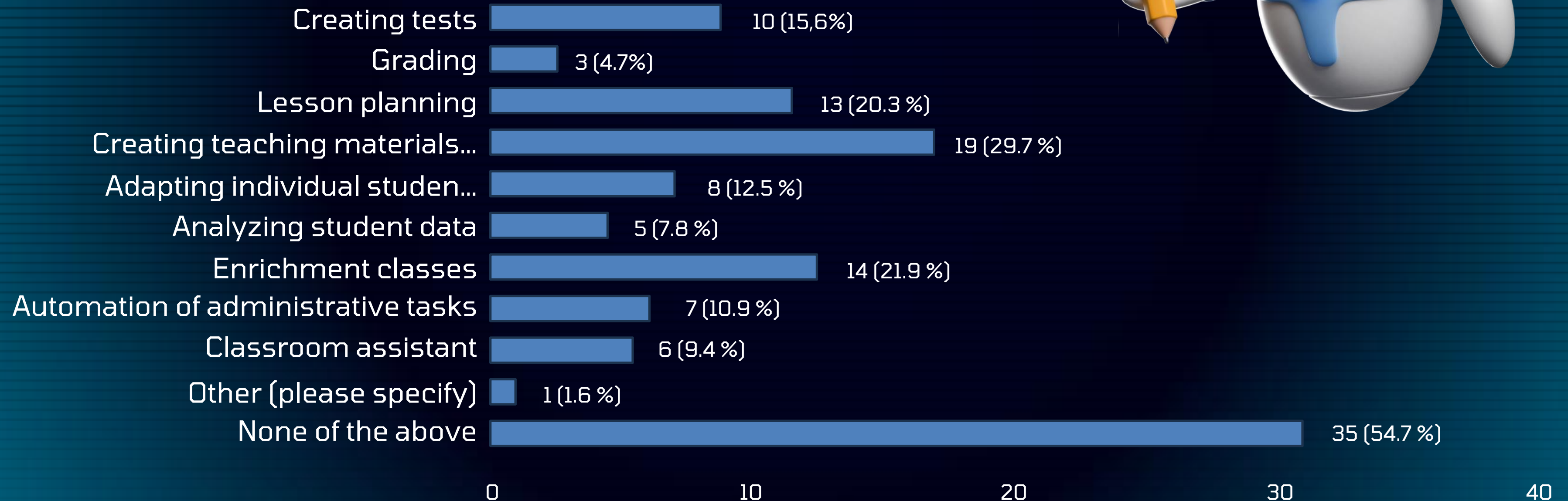


KNOWLEDGE OF AI

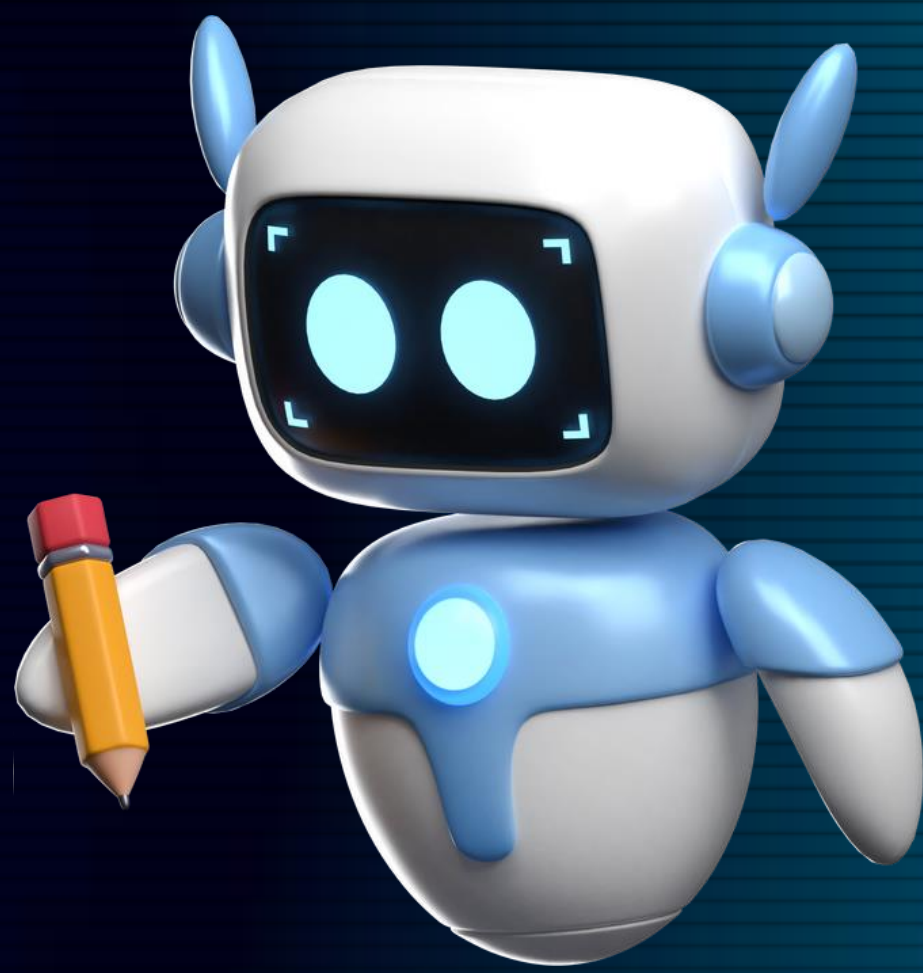
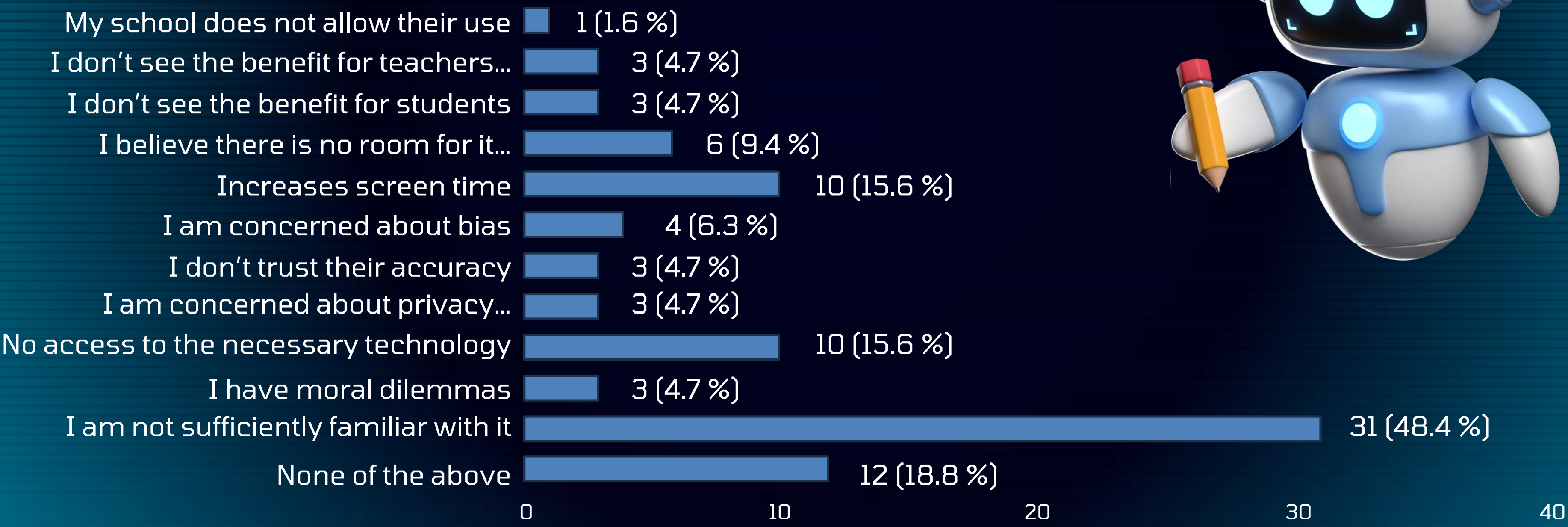


- I am fully informed
- I am informed
- I have only heard the term AI
- It is completely unknown to me
- I am not informed

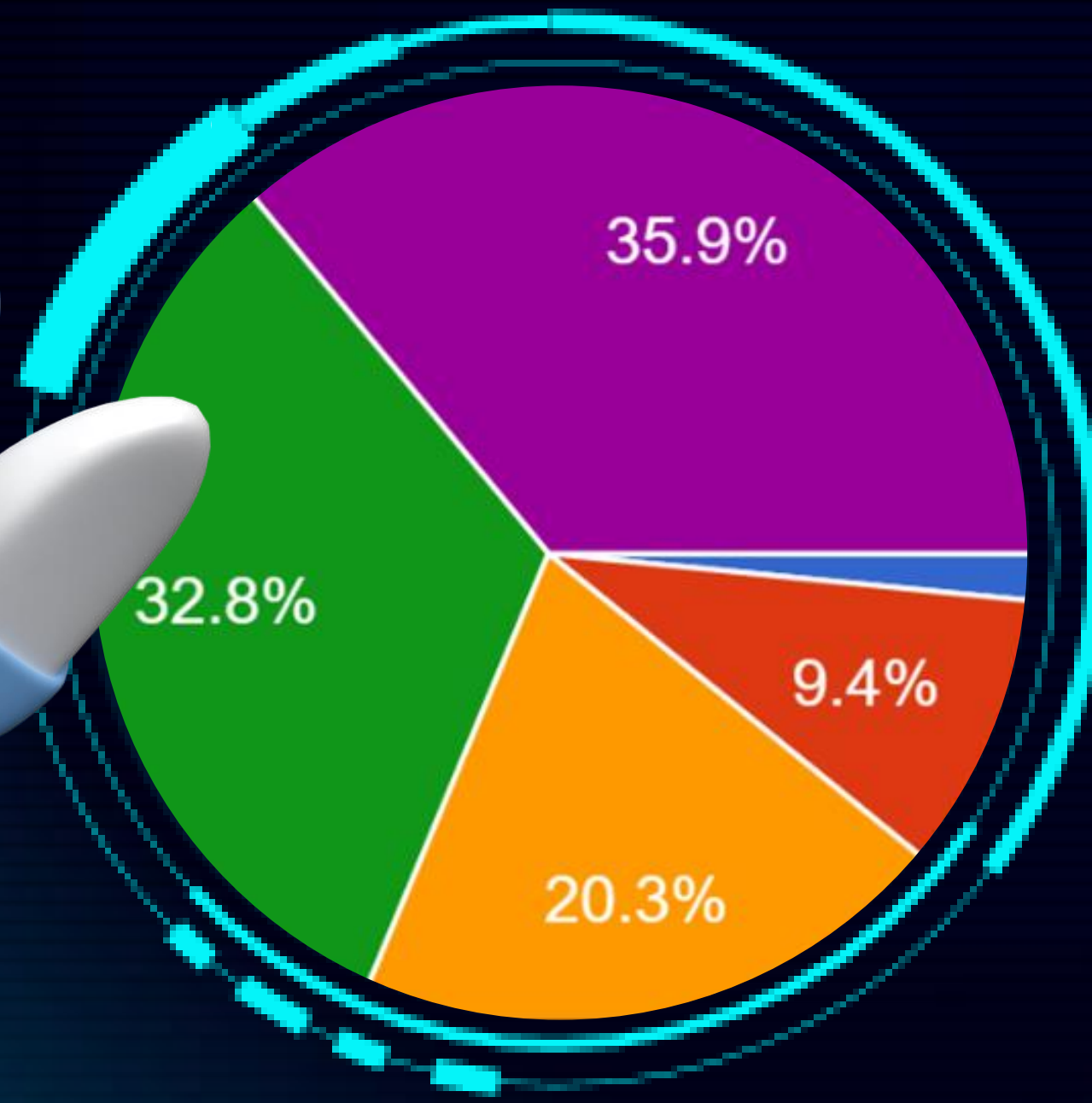
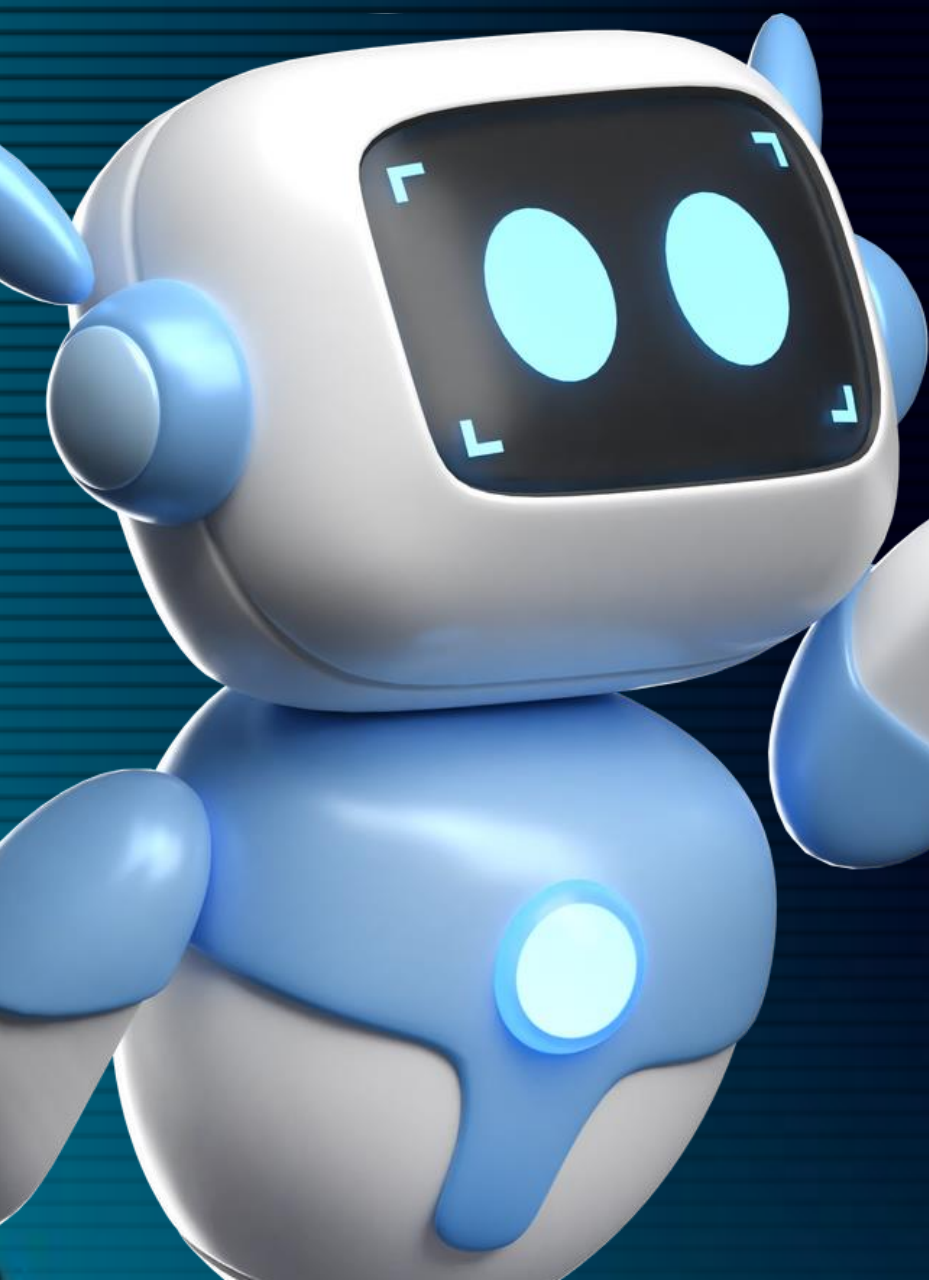
USE OF AI TOOLS








REASONS FOR NOT USING ARTIFICIAL INTELLIGENCE TOOLS

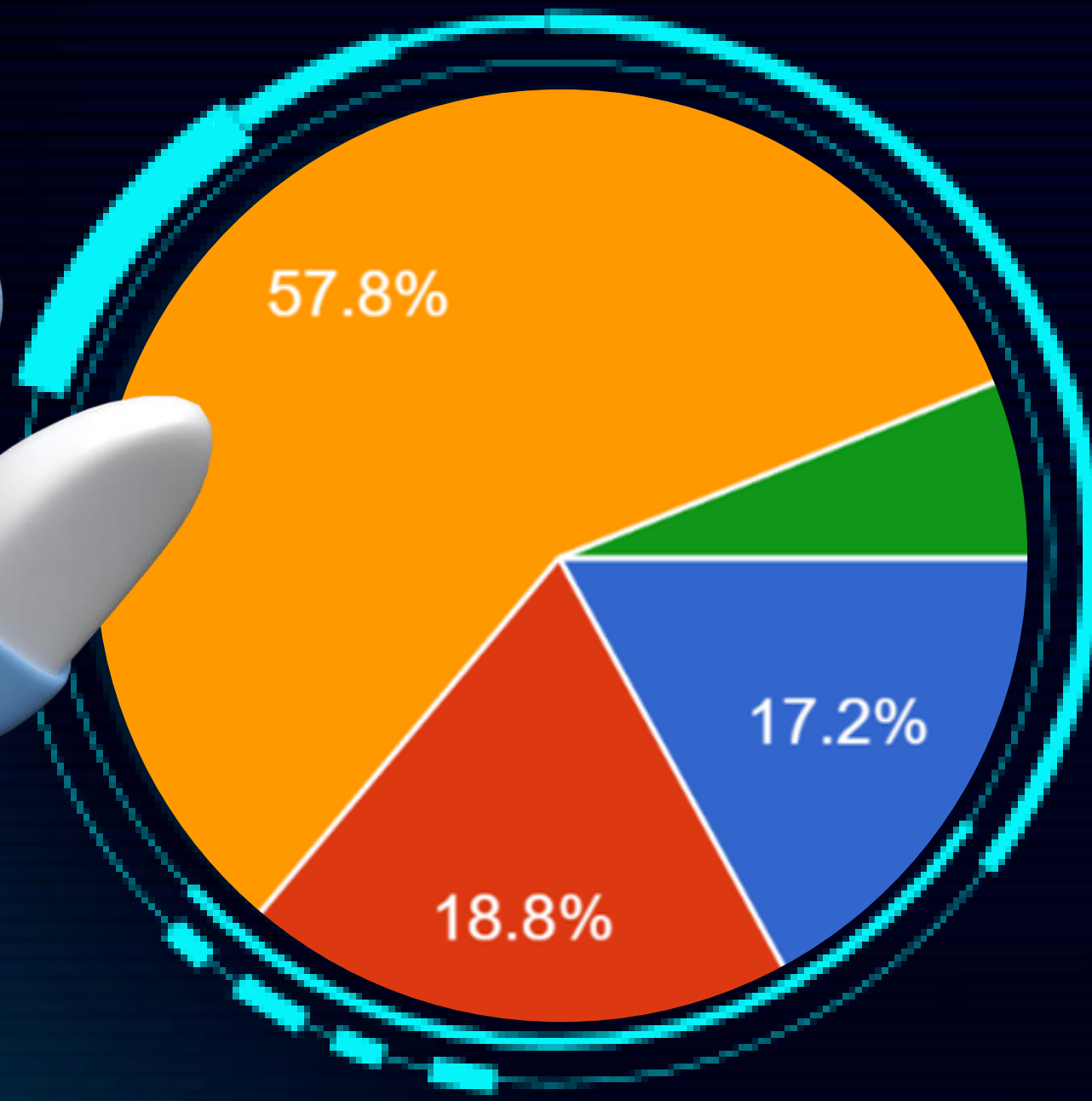


TEACHERS' OPINION ON THEIR TRAINING FOR USING GENERATIVE AI TOOLS IN THE CLASSROOM



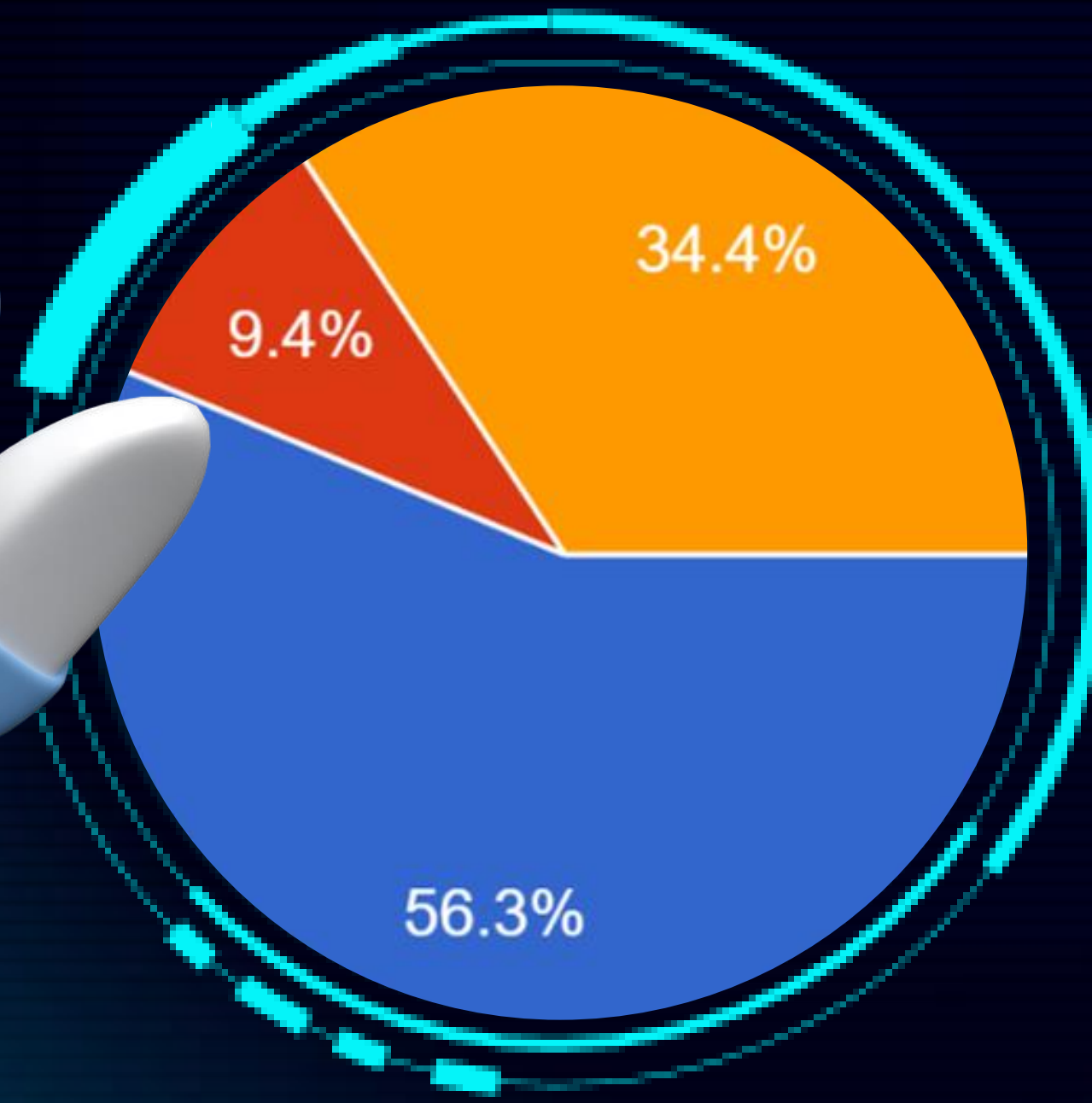
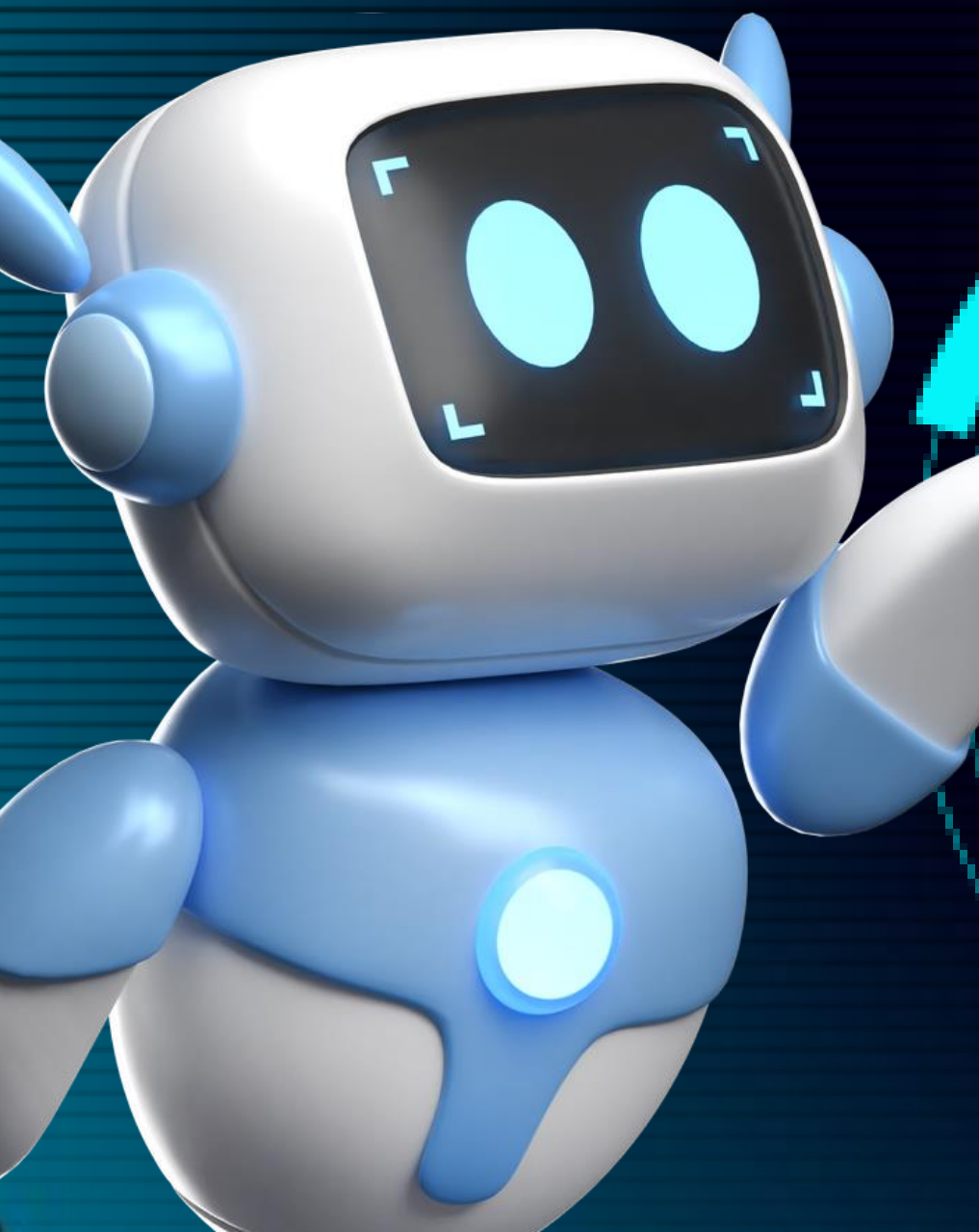
-  I am very well trained
-  I am trained
-  I am partially trained
-  I am insufficiently trained
-  I am not trained at all

SUPPORT IN IMPLEMENTING GENERATIVE AI TOOLS



- Better integration of AI tools with current systems
- Better tailored AI tools
- Better technical support
- Other (please specify)

TEACHERS' ATTITUDES TOWARD THE USE OF GENERATIVE AI TOOLS IN THE CLASSROOM IN THE FUTURE

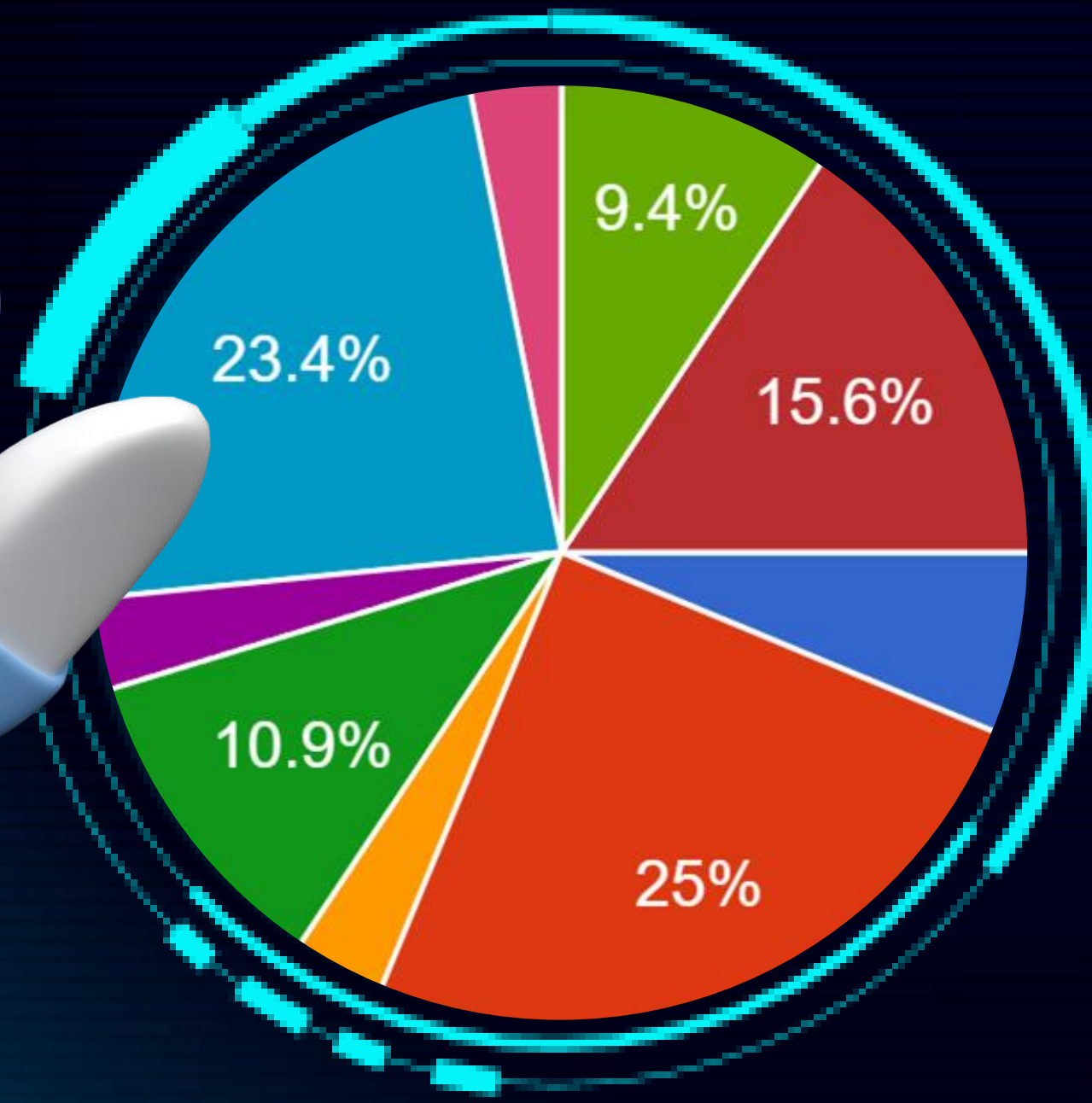
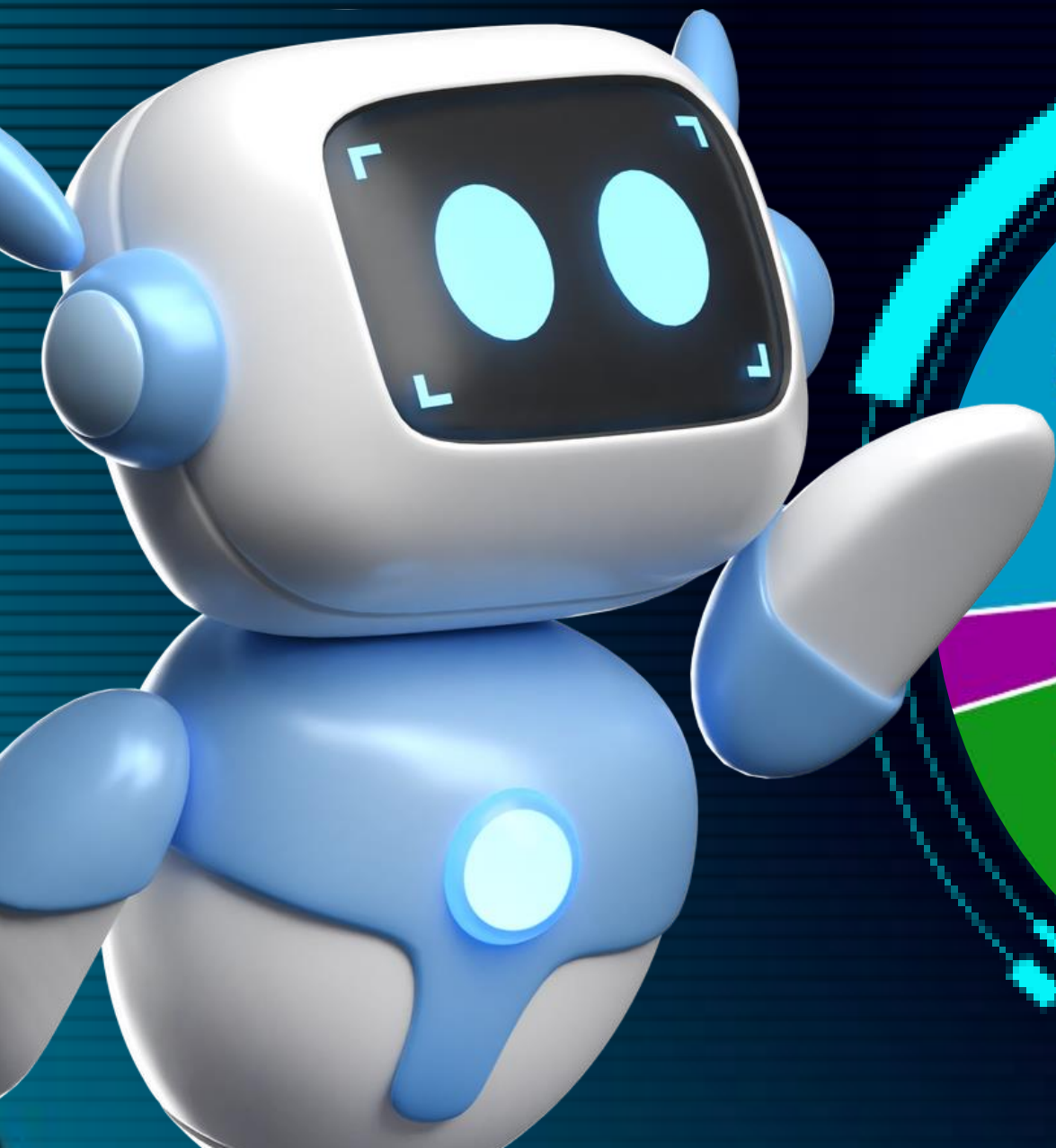


- Yes
- No
- I am not sure

ACTIVITIES

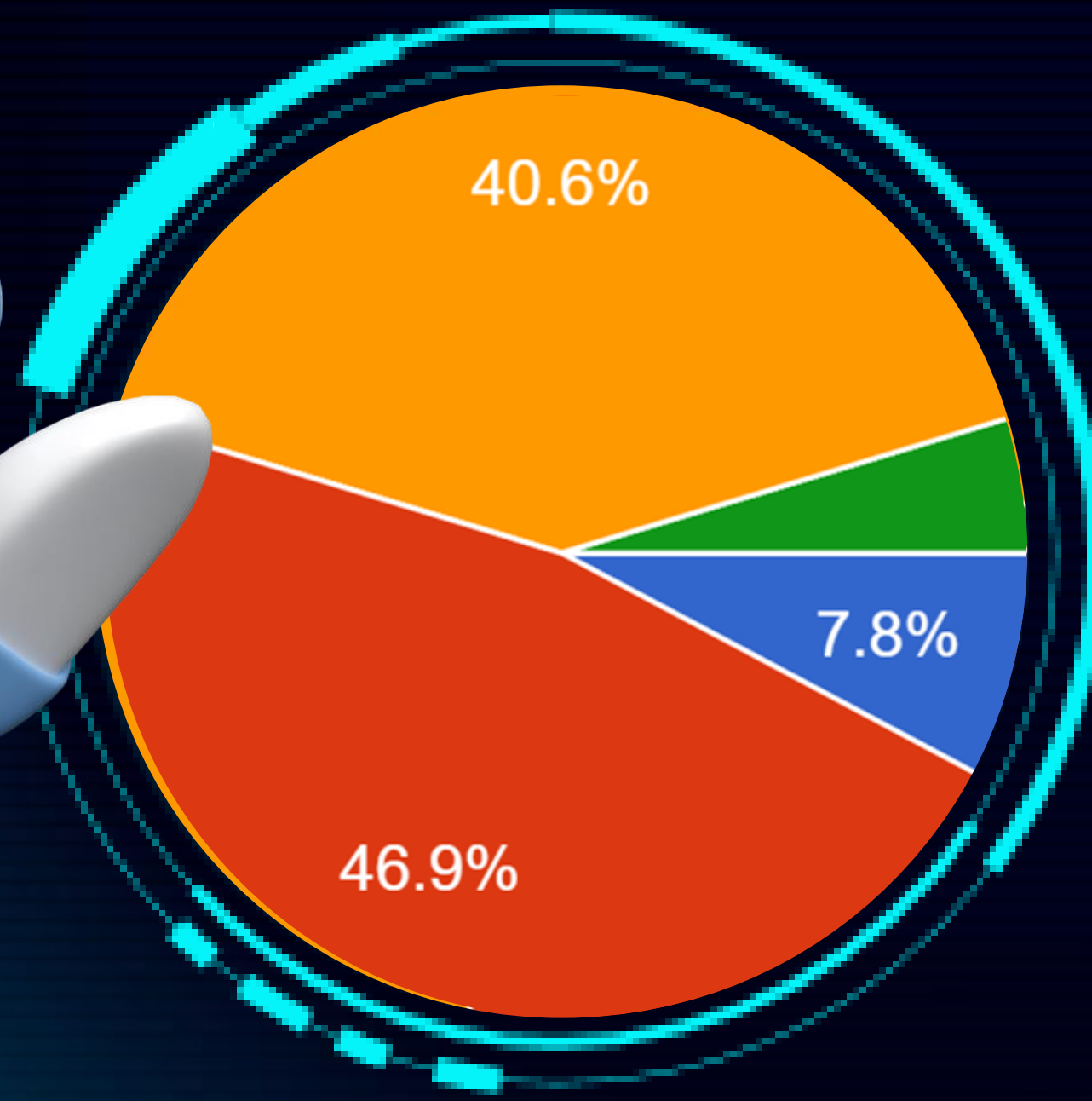
IN WHICH TEACHERS PLAN TO USE GENERATIVE AI TOOLS

15



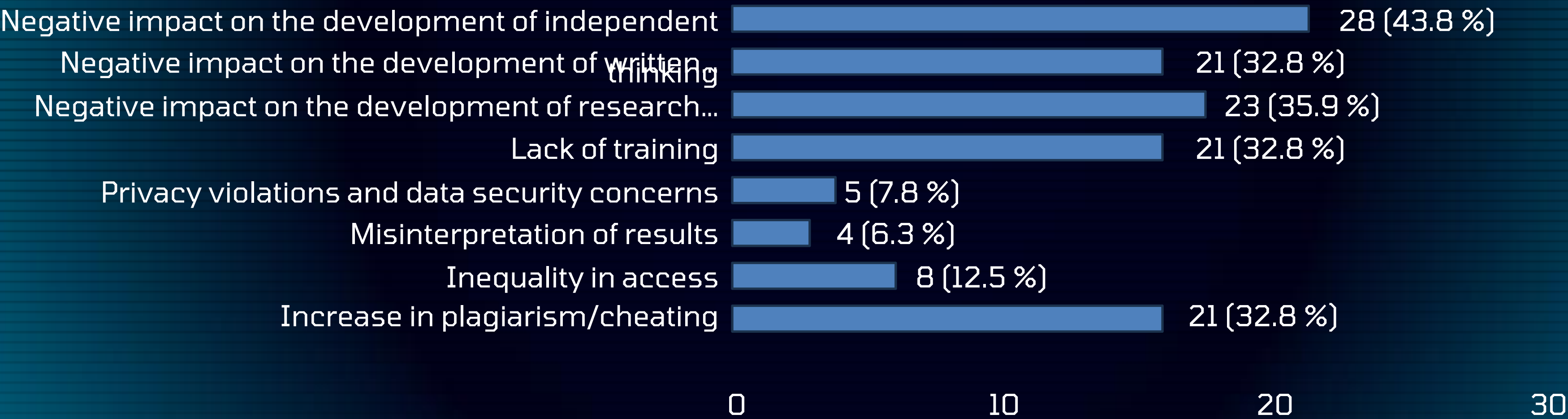
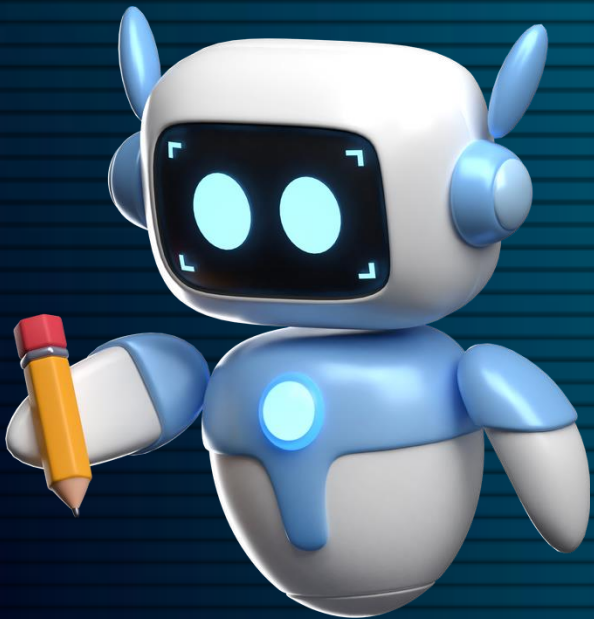
- Lesson planning
- Creating teaching materials, including...
- Analysis of student data
- Monitoring student progress
- Grading
- Enrichment classes
- Automation of administrative tasks
- Classroom assistance
- I am not sure
- Other (please specify)

HOW HAS THE USE OF GENERATIVE AI TOOLS IMPACTED CLASSROOM WORK SO FAR, AND HOW DO YOU EXPECT IT TO AFFECT IT IN THE FUTURE?

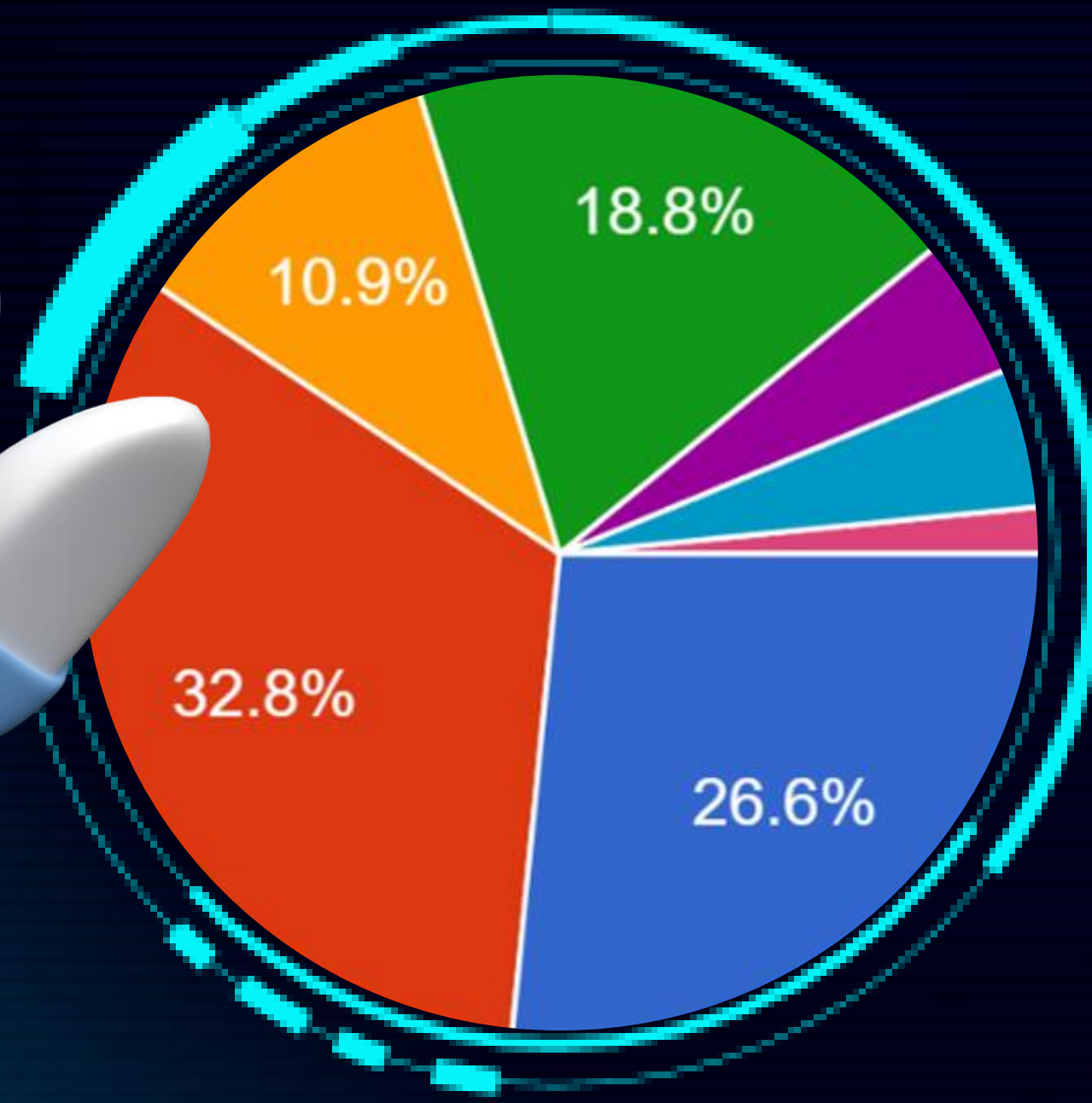
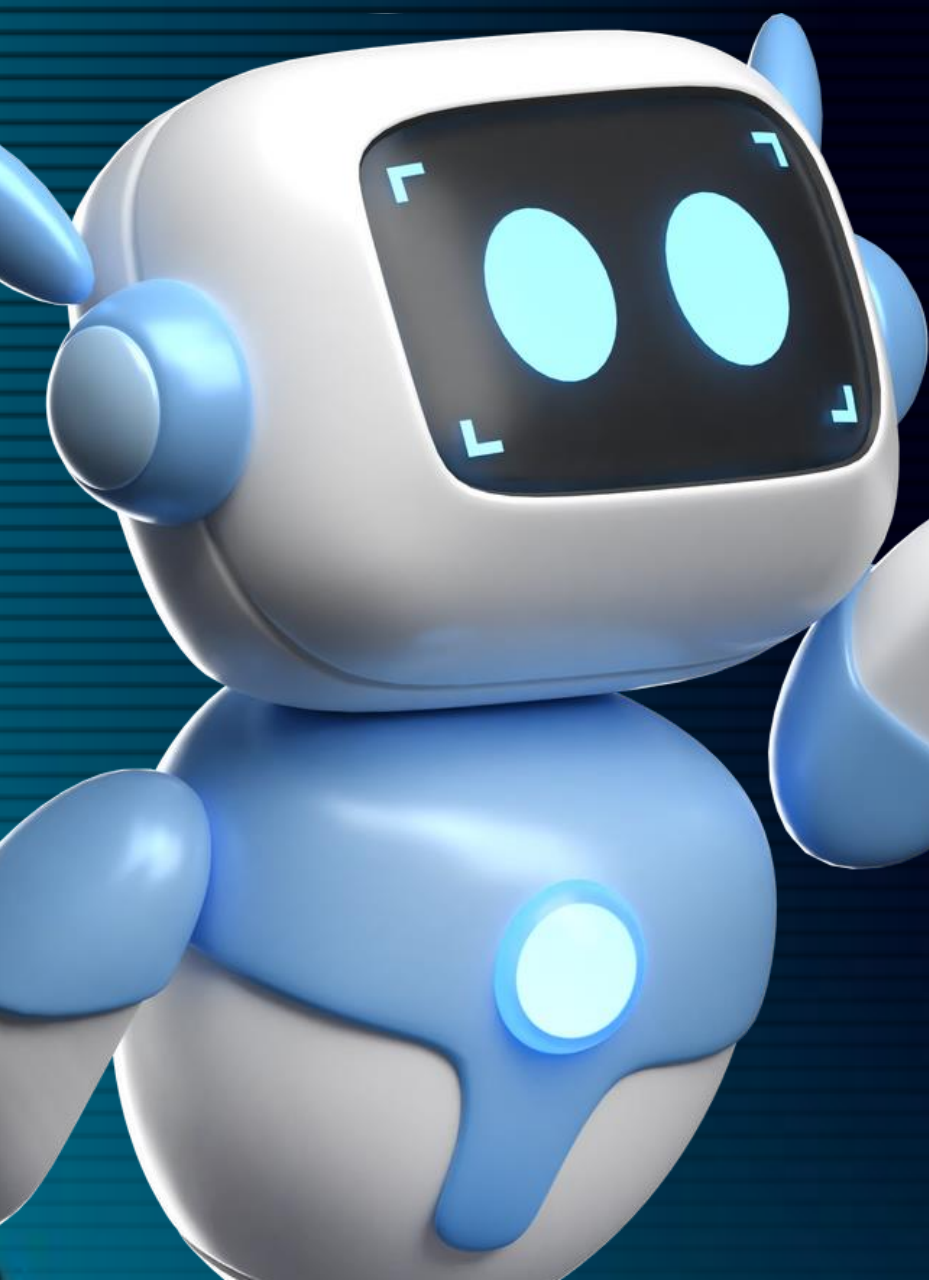


- Much easier
- Somewhat easier
- Neither easier nor harder
- Somewhat harder
- Much harder

POTENTIAL OUTCOMES OF USING GENERATIVE AI TOOLS IN WORKING WITH STUDENTS

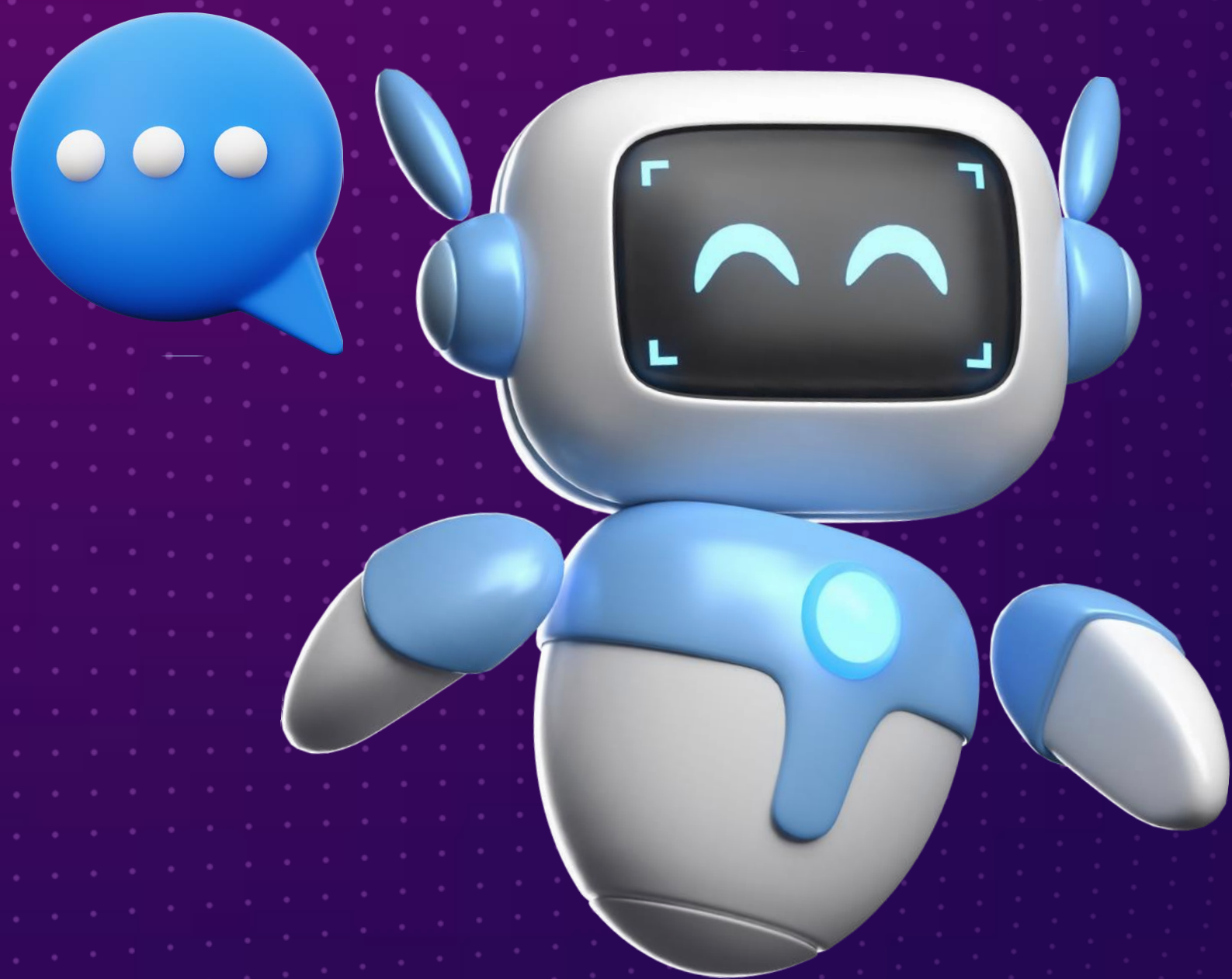


PARENTAL AND COMMUNITY CONCERNS REGARDING THE USE OF GENERATIVE AI TOOLS



- Cheating
- Lack of engagement in school tasks
- Safety
- Data privacy
- Bias
- Equality
- Other (please specify)

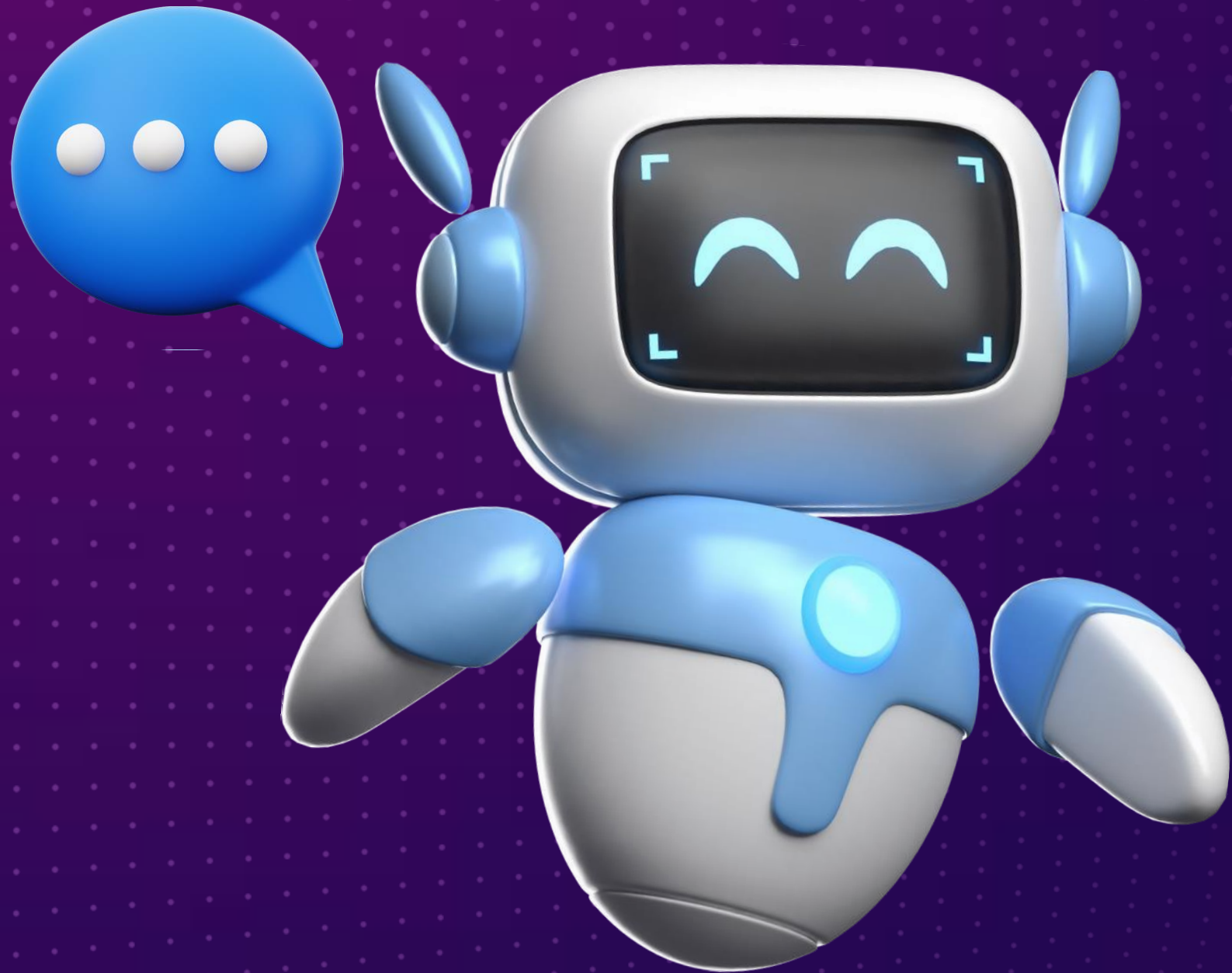
CURRENT SITUATION



MOST PRIMARY SCHOOL TEACHERS
IN PODGORICA ARE NOT FAMILIAR
WITH THE POSSIBILITIES AND LIMITATIONS
OF GENERATIVE AI TOOLS.

LACK OF TRAINING
AND INSTITUTIONAL SUPPORT
HINDERS THEIR IMPLEMENTATION.

MAIN CHALLENGES

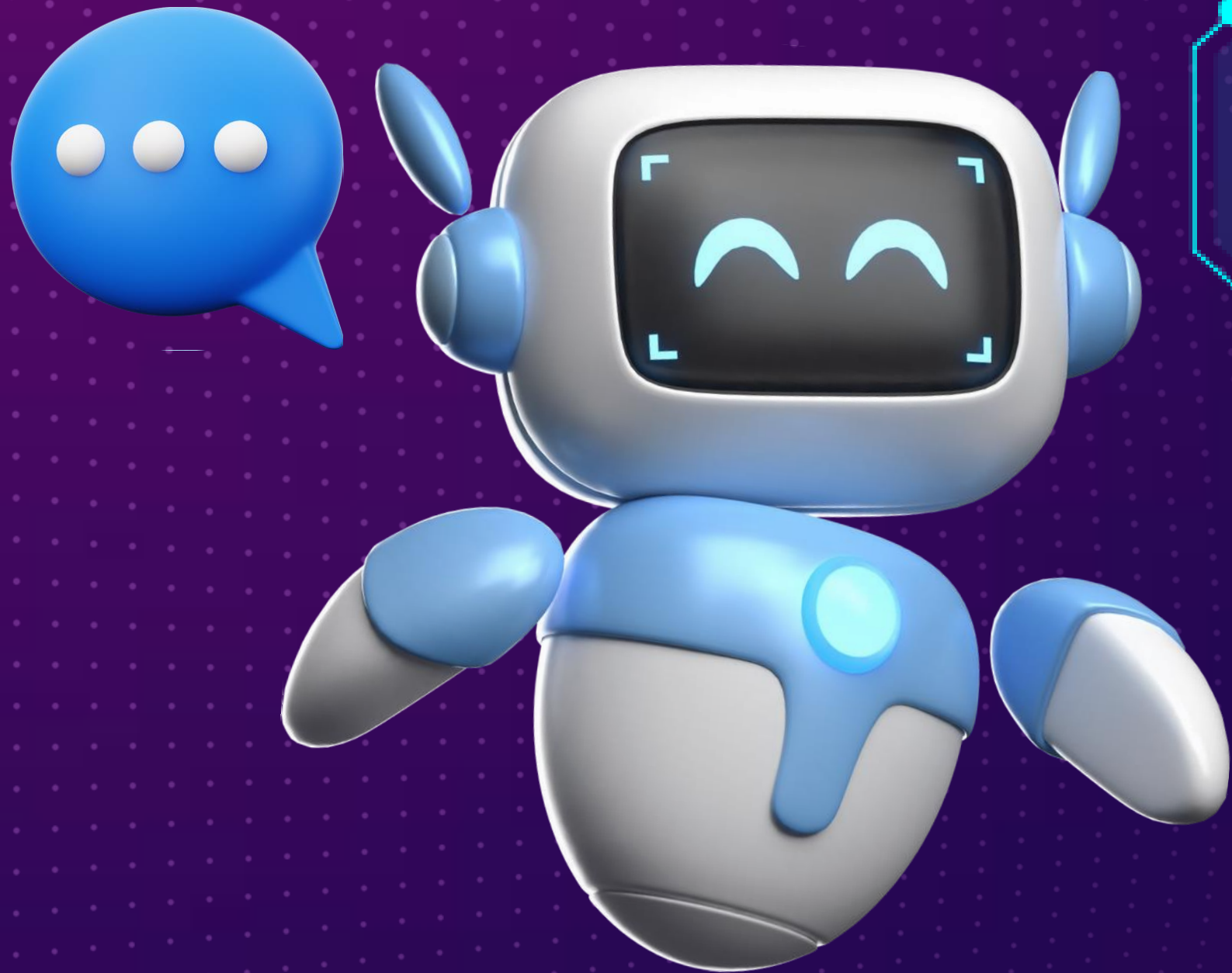


ETHICS AND DATA PROTECTION

TEACHERS'
TECHNICAL UNPREPAREDNESS.

UNEQUAL ACCESS
TO TOOLS AMONG SCHOOLS.

POTENTIAL OF AI TOOLS



AN OPPORTUNITY TO IMPROVE
THE QUALITY OF TEACHING
AND FACILITATE THE TEACHING PROCESS.

RECOMMENDATIONS

1

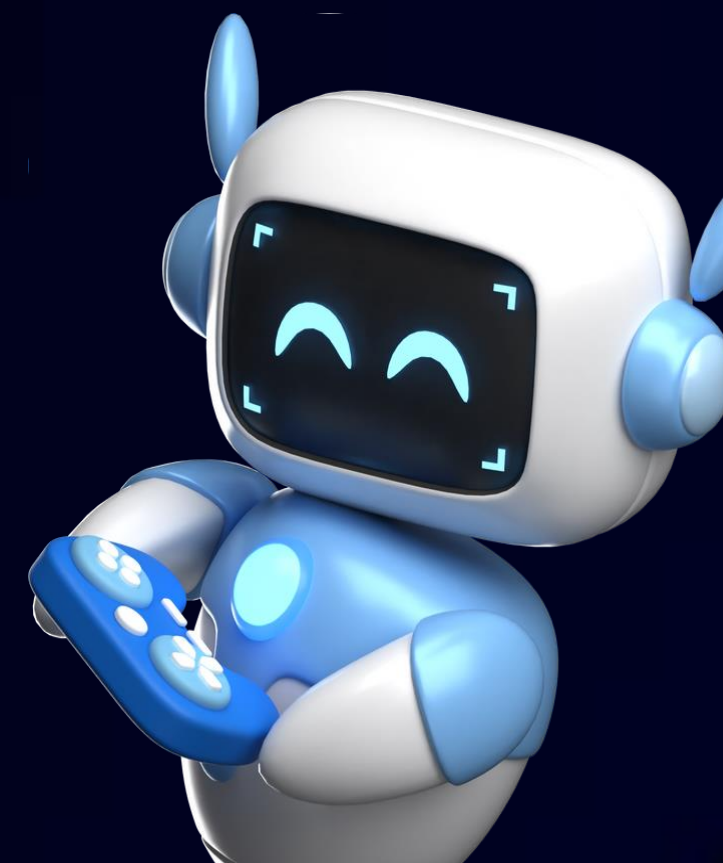
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RECOMMENDATIONS

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ORGANIZE TRAINING FOR THE USE OF AI TOOLS IN TEACHING AT THE NATIONAL LEVEL.

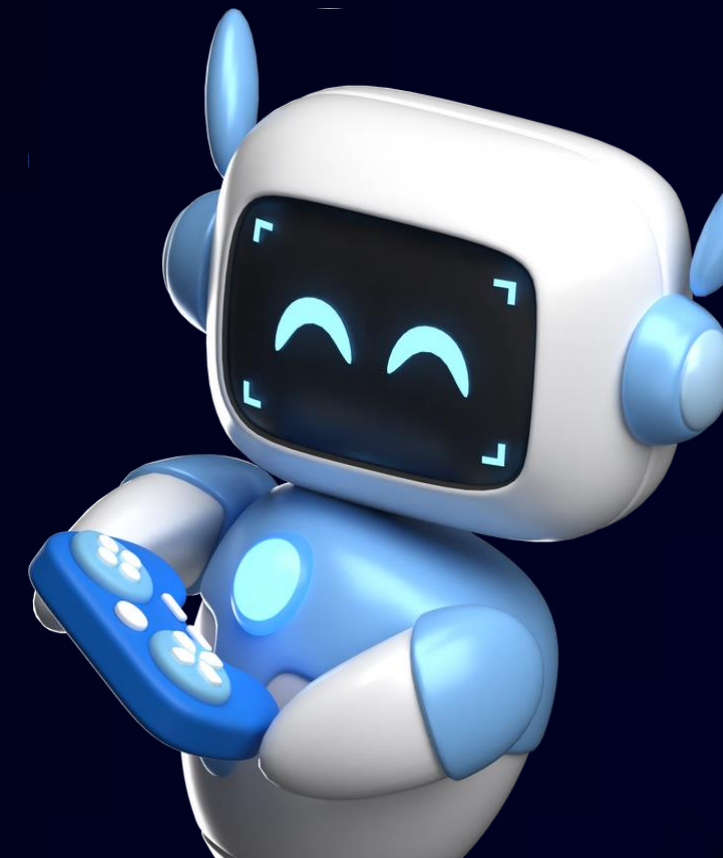
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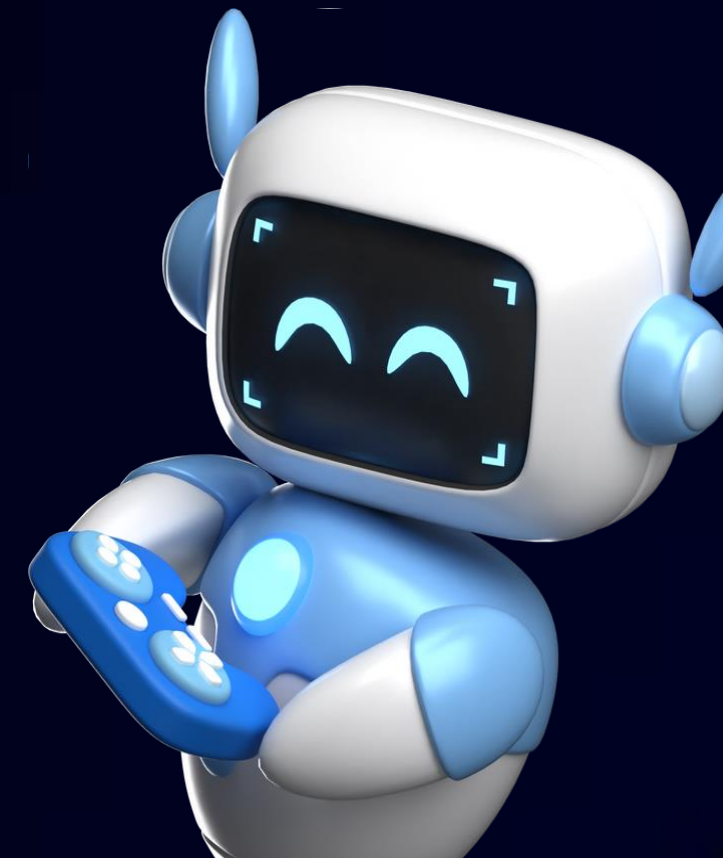
CONDUCT A STUDY SIMILAR TO THIS ONE ACROSS THE ENTIRE TERRITORY OF MONTENEGRO, INCLUDING PRIMARY SCHOOLS, SECONDARY SCHOOLS, AND UNIVERSITIES.

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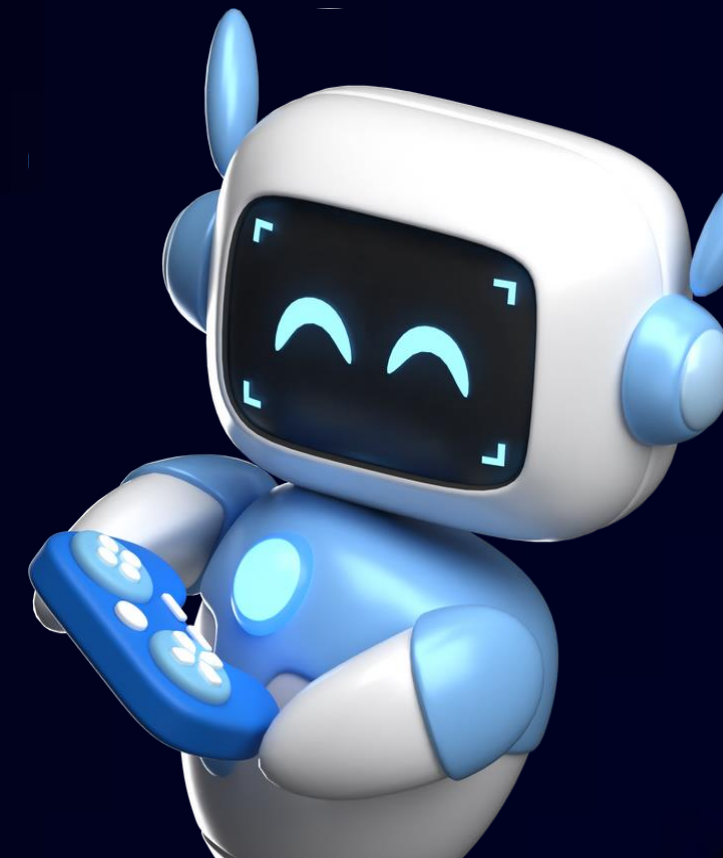
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ENACT LEGISLATION THAT REGULATES THE ETHICAL AND SAFE USE OF AI TOOLS IN ACCORDANCE WITH THE GOALS AND VALUES OF OUR EDUCATIONAL SYSTEM.

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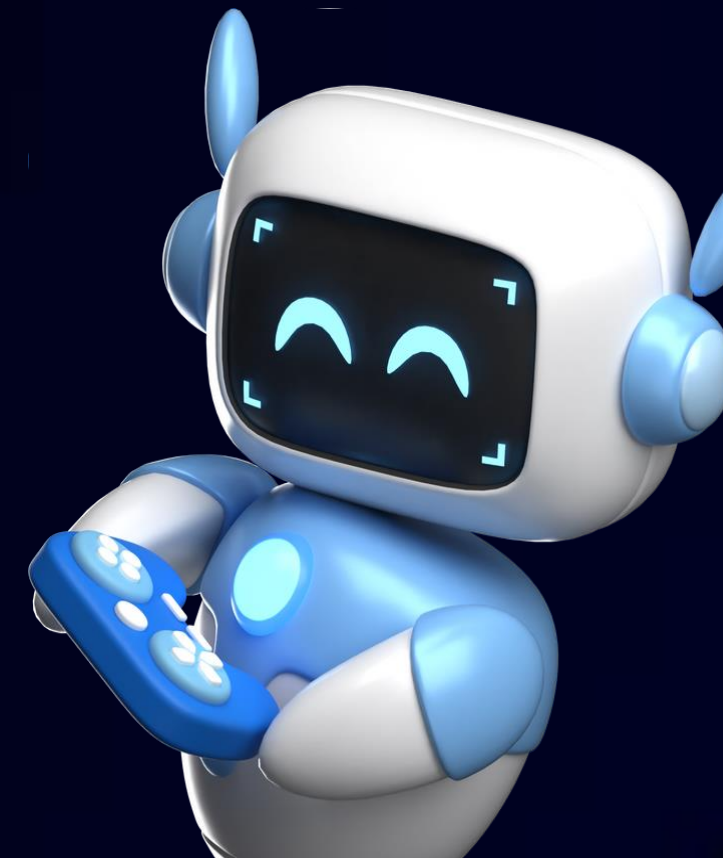
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ENSURE THE PRIVACY OF STUDENT AND TEACHER DATA.

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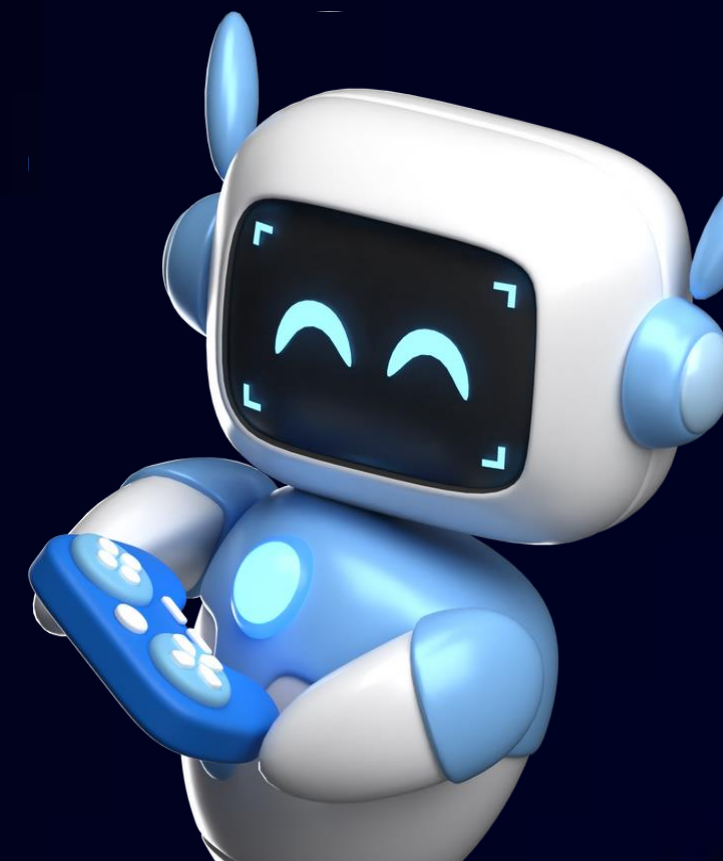
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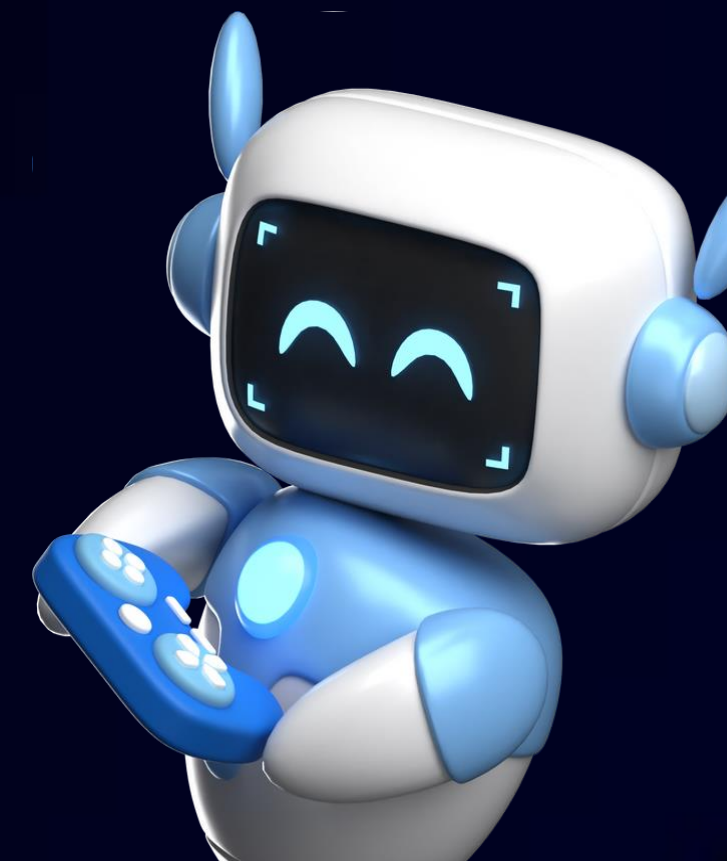
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ESTABLISH REGULAR MONITORING AND EVALUATION OF THE EFFECTS OF AI TOOL USE IN THE EDUCATIONAL PROCESS.





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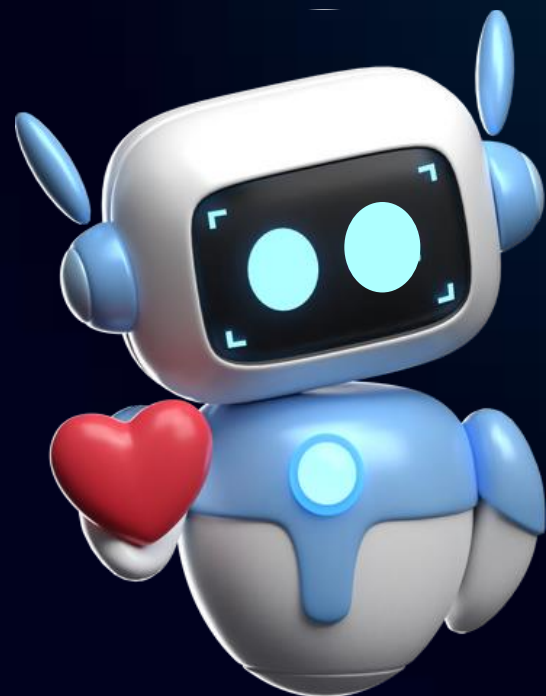
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THANK YOU
FOR
YOUR ATTENTION

REFERENCES



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