ABOUT…..

– Academic Lecturer at IU University of Applied Sciences.

– Enjoy interviewing people .

– PhD from University of the Bundeswehr Munich.

– Research interest:

   – HCI,

   – AI,

   – XR technology,

   – Usable Security and Privacy

MOTIVATION

- Students unwilling to engage cognitively.

- Decline in productivity.

- Should we restrict the use of AI?

RESEARCH GOALS

- Understand the effects of using AI in learning.

- Are AI tools more of a hindrance?

- Propose a refined framework to quantify performance using AI tools.

RESEARCH QUESTIONS

RQ 1:

"*How often students use AI tools for assistance?*"

RQ 2 :

"Are AI tools helping the students too much*?*"

LITERATURE

- Numerous positives / severe dangers ahead .

- Greater parental control required.

- Need for deeper understanding.

- No framework exists as of now.

METHODOLOGY

- Qualitative interview.

- Expert in their field (5-15 years).

- Six university professors (aged between 35-65 years).

- Voluntary participation.

INTERVIEW STRUCTURE

The survey questions focused on

-Do you witness your students using AI tools for assignments or projects?

-Are there negative sides to using AI, if so, what are they?

-Should there be metrics to evaluate the effectiveness of using AI by students?

-What kind of framework do you propose to restrict the use of AI?

-In what are are students most affected and what can we do to mitigate it?

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RESULTS

Key Findings:

- All students use AI tools.

- Limiting creativity.

- Unable to understand concepts.

- Learning only at a superficial level.

- Blind trust.

- Loss of analytical and critical thinking.

DISCUSSION

- There are benefits to using such tools.
- Ensure they are not used counterproductively.
- Need to impose an ethical usage
- Ensure that students are capable of completing assignments independently.

FRAMEWORK

1. Complete certain sections without assistance.

2. Record sections of the activities.

3. Classify different aspects of coursework.

4. Oral evaluation.

SUMMARY

1. Need for framework to restrict the use of AI tools.
2. Assess students better and allow them to develop learning skills.
3. Use of the proposed framework for holistic management.