Title: The role of Al coching assistants: revisiting the need for literate programming in computer and data science

1 Can I understand the title?

Rare word: "Literate programming"

-> literate programming. com

- 2 Who!s the routhor?
 - -> Lyon.edu/marcus-birkenkrahe
 - · PhD physics
 - · editorial activity data science
 - · 5/12 references vare his own
 - · conference contribution (accepted abstract) - international INTED'24

When an author quotes himself a lot, you must exercise contion—
check if teferences are peer-reviewed
[most of this suthor's references
are talks given recently to industry
or academics.]

3 Abstract: in it complete? JMRaD? Yes:

J: impact of AI on education
M: qualitative, no systematic data
collection

Collection R: highlight issues, suggest temedy D: caution. Limitations mentioned

D: caution. Limitations mentioned. + Keywords: ChatGPT, LLMs

- (4) References: use litmap to establish network of citations (if any).
 - · quality (anthor, place)
 - · date (recent or not)
- -> mix, at lower end of valitlity:

 - · blog post } probably ok · conference } given the topic · preprint
- (5) First reading
 - · Imprenion informel, personel (1st person PDV) · Some sweeping generalizations and put-downs

 - · Yoetic rather than objective
 - · Emotional with rational respects

- 6 What do I like best und what do I not like at all?
 - · Best: generated some primery data. Psychology of humans rather than essenment of machines.
 - · Worst: the methodology seems half-assed. The author thought he should write formething but did not reelly have their much to say.
- (in your own words):
 "Programming continues to be hard,"
 and to learn it, you weed 'hard'
 wethods (like literate programming)
 and humans, who challenge you.

- (8) Can I use blu's for anything? (Relevance & lasting value)
 - · I can use it for my planued book on literate programming will cite it
 - · Curious to check some of the anthor's use cases unself (p.2)
- (9) Final verdict: interesting, if only because of the unconventional style, but also forgettable.
- 10) What would I have done differently?
 - · Collect data

 - · In to quantify the agrunents · Provide une specific examples
 - · Deepen wethodology and references.