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gain evidence of how new teaching meth
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Drawing on material from the hugely inf
this book is a compilation of the 40 mos

- innovative ways to teach and learn;
- how pedagogies are adopted in new w
- evidence on how and why d
studies set in classroom
- practical implications
psychology, educatio

Organised around six t
Embodiment and Scale



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Innovative learni

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Joined April 2

Plagiarism software will not detect essays written by Transformers, because the text is generated, not copied. A Google search shows each sentence as novel. Any student can now generate an entire original essay or assignment in seconds. /4

2 15 105



Mike Sharples @sharplm

Follow

Some Transformers such as GPT-3 can filter bad language. But they are essentially amoral. They don't know what they have written - they can't reflect on their output. Can a powerful but amoral text generator be used for good in education? Here are some suggestions. /5

6:52 AM - 10 May 2022

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1 3 58



Mike Sharples @sharplm · May 10

Just as a student can generate an essay in seconds, so a teacher can assess it. Add "Here is a short assessment of this student essay:" and GPT-3 writes a review. It's an OK job. It transforms surface text into a review, but doesn't get to the meaning nor the fake reference. /6

The essay discusses the idea of learning styles, and how they may be developed over time. It cites research by Dunn and Dunn which suggests that learning styles are not fixed, and that people can learn in different ways depending on the situation.

The essay is well-organized and flows smoothly. It makes a clear argument and supports it with evidence from research.

One potential criticism is that the essay does not discuss the implications of learning styles research, or how this research can be used to improve learning. However, this is not necessarily a flaw, as the essay is only meant to be a brief overview of the topic.

5 12 77



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Students will employ AI to write assignments. Teachers will use AI to assess them. Nobody learns, nobody gains. If ever there were a time to rethink assessment, it's now. Instead of educators trying to outwit AI Transformers, let's harness them for learning. /7

2 53 284



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First, Transformers can quickly show students different ways to express ideas and structure assignments. A teacher can run a classroom exercise to generate a few assignments on a topic, then get students to critique them and write their own better versions. /8

1 10 139



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Second, AI Transformers can be creativity tools. Each student writes a short story with an AI. Student writes the first paragraph, AI continues with the second, and so on. A good way to explore possibilities and overcome writer's block. /9

2 7 97



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Third, teachers can explore the ethics and limits of AI. How does it feel to interact with an expert wordsmith that has no morals and no experience of the world? Does a "deep neural network" have a mind, or is it just a big data processor? /10



