AI FROM TEACHERS TO TEACHERS

A handbook on how AI impacts education, how teachers can use AI, and how students are already changing the world of education.

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Chatbots in education?

You've probably heard about it. AI (artificial intelligence) is rapidly changing the world, and all sectors are already adapting to it. We might not realize it, but we see it almost everywhere today. Advertising slogans, images, and even articles are now largely generated by AI. As teachers, we have mainly seen this in the work of students.

We can tell you right away that **essays, as we know them today, can no longer exist.**

Everything is being replaced by so-called chatbots. Chatbots are perhaps the most important phenomenon of today's world. They are a form of artificial intelligence (specifically generative AI) that can generate practically anything text-based in a matter of seconds. How does it work? **Give a command or ask a question, and the chatbot will respond** not only with often accurate (though it can also make mistakes) but also perfectly formatted answers. It's no wonder that some universities have already abandoned bachelor's theses.

Chatbots are an amazing tool that you can use as well, because they are extremely accessible and easy to use! This guide serves as a brief introduction and summary of the main points regarding AI and chatbots in education.

How can you use chatbots?

Exam generation

Chatbots can be used, for example, to create tests. **Chatbots can quickly generate different types of questions**—multiple-choice, open-ended, or fill-in-the-blank—tailored to the needs and levels of students. Moreover, chatbots can create tests with varying degrees of difficulty, helping teachers better track student progress and focus on areas where more practice is needed. This allows you to **dedicate the saved time to direct interaction with students**, providing them with individual support and focusing more on the actual teaching.

Lesson planning

Chatbots can significantly assist you in lesson planning. With their ability to analyze large amounts of data and generate relevant materials, teachers can easily create structured and effective lesson plans. Chatbots also allow for quick adjustments and customization of content according to the needs and progress of students, ensuring a flexible and dynamic teaching process.

Grading systems

Chatbots can also be a great tool for improving the assessment system. With their ability to automatically analyze student responses, they can quickly and objectively provide feedback. This not only saves teachers' time but also ensures consistent and fair evaluation. Additionally, chatbots can help identify areas where students need further support, enabling more targeted and effective teaching.

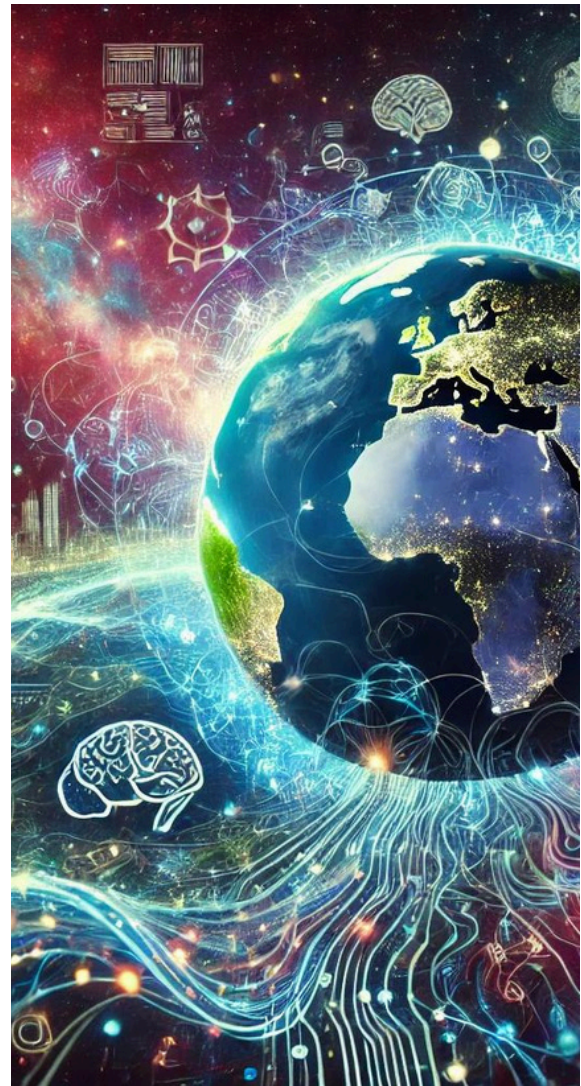**If you're interested in learning more, check out our website :)**

More examples of AI

Language or math?

AI tools like Duolingo and Prodigy can significantly enrich and enhance teaching. Duolingo teaches languages in a playful manner and adapts to the pace of the students, while Prodigy combines math with game elements for better motivation. Both tools provide instant feedback and help teachers monitor student progress, enabling personalized instruction.

Designs

Another tool, Canva, greatly simplifies the creation of visual materials for teaching. Teachers can easily create attractive presentations and infographics thanks to its intuitive interface and templates. This improves student engagement and saves teachers time. As a cherry on top, you can even use Canva to teach students themselves, truly preparing them for life.

P.S. Did you notice that the man on the previous page has six fingers? ;) AI can often make mistakes too.

How students change the education with AI

All these technological advancements are wonderful and save a lot of time. But students have known this for a while! AI has uncompromisingly disrupted all traditional assignments like essays, presentations, and research papers. AI does all the research, formatting, and even the writing, leaving the student only to present the results as their own. An unknowing teacher might praise the student for perfect work. Those in the know might struggle to determine whether AI was involved or not.

The worst solution is to completely abandon electronic forms of assignments. Some schools have adopted this style, but they are realistically preparing students for a world from 50 years ago, not for today and tomorrow. At Doctilitas, we are taking a different path and striving to support teachers.

It is important to be transparent about AI and even let students work with it, but it is crucial to be stricter and more open about solving assignments. The key is that if you suspect someone has used AI, it's probably true. However, chatbots and AI have several factors that make them identifiable. We explore this topic in more detail in our online courses. The introductory course is even free!

AI benefits for you

A

Text and image generation

Anything from educational materials to good presentations or perfectly formulated exams.

B

Summarization of texts and documents

If you have any professional or artistic text, audio, or video, today's AI can summarize these sources.

C

Source researching

Although it is not the most accurate function, chatbots and specific AI can still generate text, which they later reference.

D

Correction and translation

AI can recognize context and create quite accurate translations that are grammatically correct.

E

Perfect formating

Do you need to make a table? A presentation? Or an engaging article? The chatbot will do it for you.

Where to learn more about AI?

Online, where else?

Nowadays, it's almost impossible to do better than online. You have access to a vast amount of information and resources that you can use for studying. However, you must not get lost in it, because often there can be too much, which can paralyze your interest.
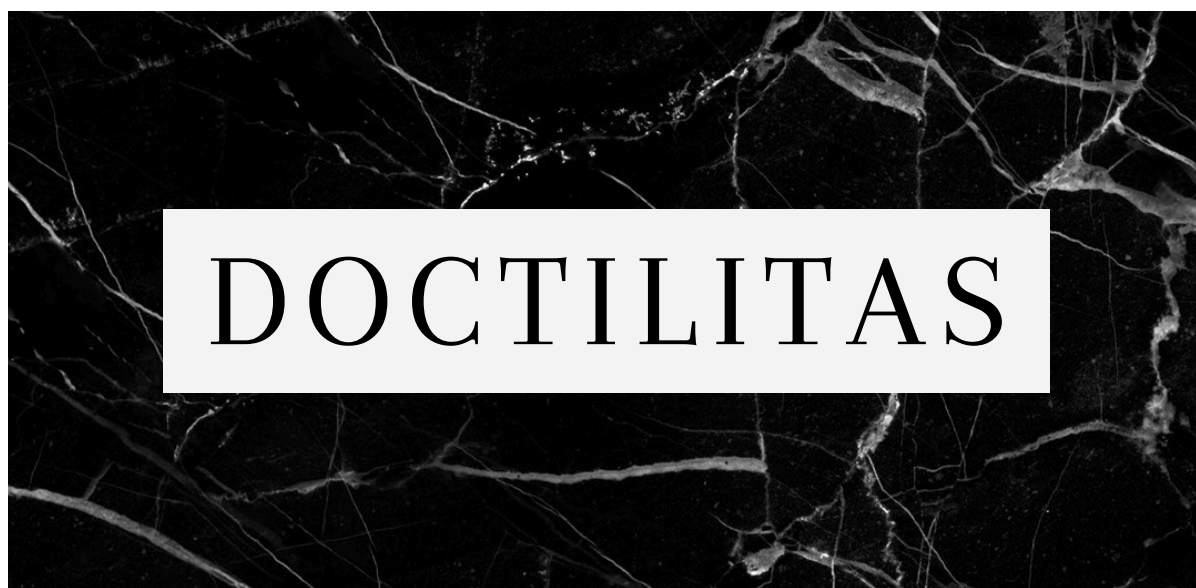
At Doctilitas, we offer both online and offline courses, including materials, certificates, and exemplary ideas on how to integrate various types of knowledge.

Integration plan

If you need a more specific and effective method, then the best option is direct consultation and the proposal of a specific integration plan, including support.

Navigating new technologies is not the easiest, so with this option, you will gain lifelong skills.

For more information, contact us at doctilitas.com.

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Final thoughts

Improvise, experiment, and don't be afraid to use new and innovative methods. The fact remains that the world is constantly evolving, and technology is already an integral part of it. Thanks to AI and chatbots, you have the opportunity not only to simplify your work but also to enhance your lessons and, ultimately, prepare students for the future.

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