

## Al Will Help You Learn All

By Karsten Riise

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Theme: Intelligence

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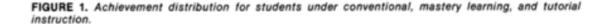
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A lot of countries don't have enough teachers. Neither in primary education – nor at university level.

A lot of humans also need to upgrade their skills in order to stay employed and even upgrade the earning skills. Many will lose their jobs due to AI, but AI will also help them acquire new skills fast than ever, so that they can quickly get back and earn good money in all the new jobs which AI will create.

Al can help with all that. Even if you have classes of 100 students per teacher, each student can have his/her own personal teacher in Al. And the overburdened teacher will be assisted by Al as well. A personal tutor increases the student's results enormously. It can make the average student a master student – it can make the below-average student an above-average student. See fig.1



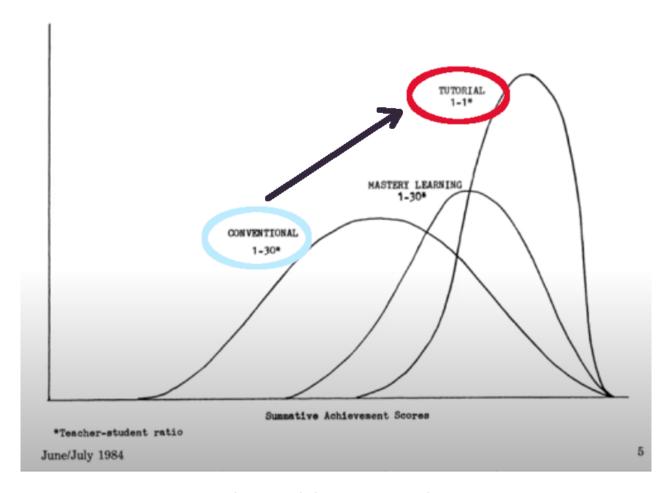


Figure 1: Sal Khan TED presentation

A master-assistant will also improve the human teacher's result – being a pedagogical tutor for the teacher, take over the burden of making lesson plans – assist to make the teacher's review of students' achievements faster and more pedagogical. Improve the amount and quality of "face time".

That is precisely what Khan Academy is doing – working with OpenAI. They have created Khanmigo which is an AI assisted system for students and teachers.

Have a look the founder Sal Khan's presentation here:

If interested, more info on Khanmigo here.

Sal Khan is a successful social entrepreneur of Bangladeshi background. His grandfather Abdul Wahab Khan was the third speaker of the National Assembly of Pakistan.

But there are more exciting news. At the end of 2023, OpenAI will launch "OpenAI Academy". It will be free, everybody can sign up and learn *anything* they want – *when* they want. Gone are the needs to provide a lot of papers to enroll in specific courses, even advanced courses. And the AI will adapt to your individual level, both as you enroll and as you progress. No longer are you limited to the courses available in your geographical area.

Want to learn about Arabic music? There you have it, take an Al course in the Arab quartertone musical scale.

OpenAl Academy will provide an extensive selection of courses and subjects, encompassing disciplines such as mathematics, science, music, and art.

Users will have the opportunity to engage with GPT-5 as their instructor, tutor, mentor or companion.

The OpenAI Academy is set to launch in late 2023 and, in line with OpenAI's mission to ensure the benefits of AI are accessible to all, it will be free for anyone who wants to use it, according to Sam Altman [CEO of OpeAI]. See this.

The courses mentioned are only the beginning. New courses will be added constantly. This will expand rapidly.

Say, I want to learn more about quantum physics. But I don't want to take a master's degree in mathematics and in physics to learn it. I have read about it, watched a range of deep teaching videos on both the math and the quantum physics – this has given me a good general understanding. But how to go deeper? And there are always some questions hanging, which a video or book cannot respond to. Soon, I can sign up to a course with exactly the modules in math and physics which I need. And with AI, I can even ask questions and receive answers outside a normal "curriculum". I can take my learning in all directions which I want. The pace of my progress will depend on my time, interest, and effort. All questions I have will be answered. And I can concentrate my learning on precisely what interests me.

It can be anything. Maybe *you* want to learn to write novels. Have a personal AI tutor to help you get started.

And if you want a certificate that you have learned a new profession, Al will help you not only get precisely the courses you need, but also help you learn what you need to *take* those courses – and get your certificate. Imagine all those who had a hard time during the math lessons. They will need a refresher, and in a motivating way, just to get to the entry level of math required for a lot of interesting professions. Al will help individualize precisely what *you* need to learn to get to where *you* want to be in learning.

Soon, a fun, animated AI teacher can receive oral questions from children and speak to their understanding and motivation. Then, basically AI can teach children how to read and write.

We are living in exciting times.

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