

1. Summary of the TED Talk

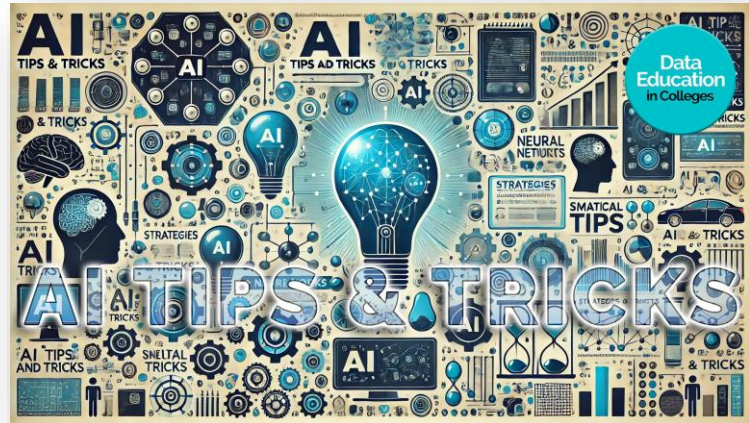
Sal Khan, the founder of Khan Academy, explores the transformative potential of artificial intelligence (AI) in education in his TED Talk “How AI Could Save (Not Destroy) Education.” He begins by addressing common concerns about AI,

such as its potential to facilitate cheating, but quickly shifts to its positive applications. Khan argues that AI can provide personalised tutoring, coaching, feedback, and guidance, which can significantly enhance the learning experience for students and support teachers in their roles.

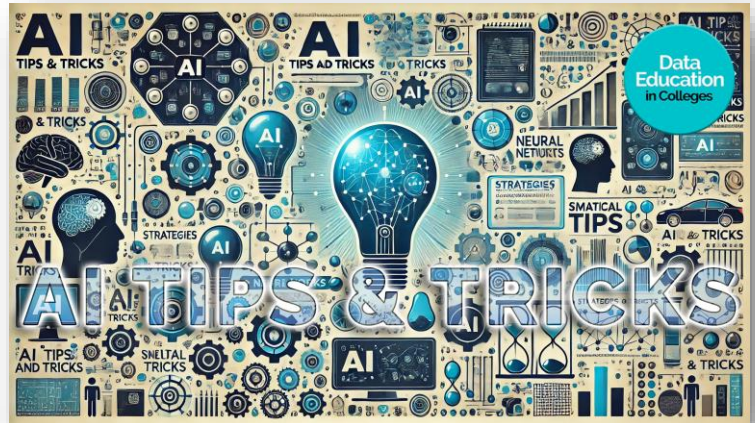
Khan introduces Khanmigo, an AI chatbot developed by Khan Academy, which can assist students in various subjects, including math, coding, literature, and history. He demonstrates how Khanmigo can provide instant feedback, answer questions, and offer personalized learning paths based on individual student needs. This level of personalization, Khan argues, can help achieve the “2 sigma problem,” where students receiving one-to-one tutoring perform two standard deviations better than those in traditional classroom settings.

The talk also delves into the ethical considerations of using AI in education. Khan emphasizes the importance of using AI responsibly and ensuring that it complements rather than replaces human teachers. He envisions a future where AI can help bridge educational gaps, making high-quality education accessible to all students, regardless of their background.

Khan concludes by highlighting the potential of AI to revolutionise education, making it more engaging, personalized, and effective. He calls on educators, policymakers, and technologists to collaborate in harnessing AI's power for the greater good of education.



2. Multiple Choice Quiz



1. What is the main topic of Sal Khan's TED Talk?

- a) The dangers of AI in education
- b) The potential of AI to improve education
- c) The history of Khan Academy
- d) The future of online learning

Answer: b

2. What is Khanmigo?

- a) A new course offered by Khan Academy
- b) An AI chatbot developed by Khan Academy
- c) A virtual classroom platform
- d) A new educational game

Answer: b

3. What problem does Sal Khan refer to with the "2 sigma problem"?

- a) The challenge of integrating AI into classrooms
- b) The difficulty of achieving personalized learning
- c) The performance gap between tutored and non-tutored students
- d) The ethical issues surrounding AI in education

Answer: c

4. How does Khanmigo assist students?

- a) By providing instant feedback and personalized learning paths



- b) By grading their assignments
- c) By teaching them in a virtual classroom
- d) By connecting them with human tutors

****Answer: a****

5. What subjects can Khanmigo help students with?

- a) Only math and science
- b) Only literature and history
- c) Math, coding, literature, and history
- d) All subjects taught in school

****Answer: c****

6. What is one of the ethical considerations mentioned by Sal Khan?

- a) Ensuring AI replaces human teachers
- b) Using AI to facilitate cheating
- c) Using AI responsibly to complement human teachers
- d) Developing AI without any regulations

****Answer: c****

7. What does Sal Khan envision for the future of education with AI?

- a) AI replacing all human teachers
- b) AI making high-quality education accessible to all students
- c) AI being used only in higher education
- d) AI creating more educational gaps

****Answer: b****

8. What is the primary benefit of personalized tutoring mentioned in the talk?

- a) It is cheaper than traditional education
- b) It helps students perform significantly better



- c) It requires less effort from teachers
- d) It is easier to implement

****Answer: b****

9. How does Sal Khan suggest AI can help teachers?

- a) By grading all assignments
- b) By providing lesson plans
- c) By supporting them in their roles and saving time
- d) By replacing them in the classroom

****Answer: c****

10. What is the main goal of using AI in education, according to Sal Khan?

- a) To reduce the number of teachers needed
- b) To make education more engaging and effective
- c) To increase the use of technology in schools
- d) To create more online courses

****Answer: b****

11. What is one feature of Khanmigo demonstrated in the talk?

- a) Its ability to create virtual classrooms
- b) Its ability to provide instant feedback
- c) Its ability to grade essays
- d) Its ability to connect students with tutors

****Answer: b****

12. What does Sal Khan believe about the role of AI in education?

- a) AI should replace human teachers
- b) AI should only be used for administrative tasks
- c) AI should complement and support human teachers



d) AI should be the primary mode of instruction

****Answer: c****

13. What is one challenge of integrating AI into education mentioned in the talk?

a) The high cost of AI technology

b) The lack of interest from students

c) The ethical considerations and responsible use

d) The difficulty of training teachers to use AI

****Answer: c****

14. How does Sal Khan propose to address the ethical concerns of AI in education?

a) By banning AI from classrooms

b) By using AI responsibly and ethically

c) By limiting AI to higher education

d) By developing AI without regulations

****Answer: b****

15. What is the potential impact of AI on educational gaps, according to Sal Khan?

a) AI will create more educational gaps

b) AI will have no impact on educational gaps

c) AI will help bridge educational gaps

d) AI will only benefit advanced students

****Answer: c****

