



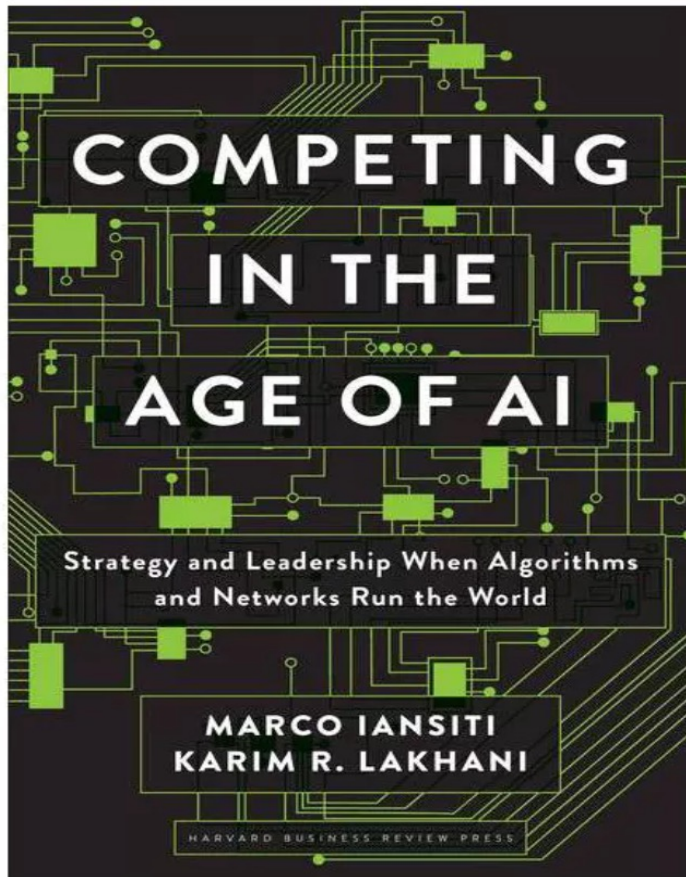
UMEÅ UNIVERSITET

ChatGPT som hot och som möjlighet

Hur AI påverkar oss och vad vi kan göra åt saken

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Vad är AI egentligen?



The use of a computer to model intelligent behaviour with minimal human intervention

(Iansiti & Lakhani, 2020)

Vad är AI egentligen?

Automation



Replace human intelligence with artificial intelligence.

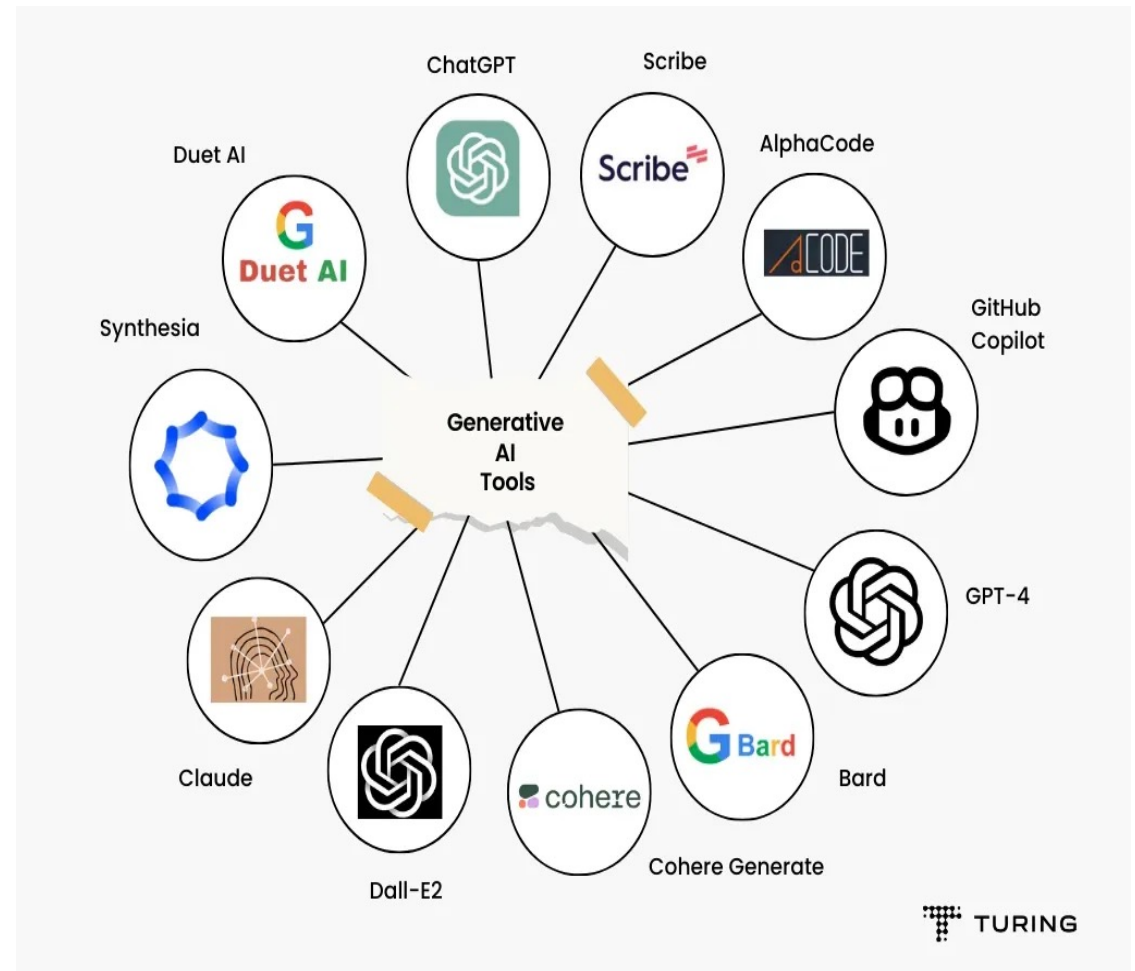
Augmentation



Augment human intelligence with artificial intelligence.

Generativ AI

Generativ AI är en form av AI (som t ex ChatGPT) som kan generera nya former av kreativt innehåll, såsom ljud, kod, bilder, text, simuleringar och videor.

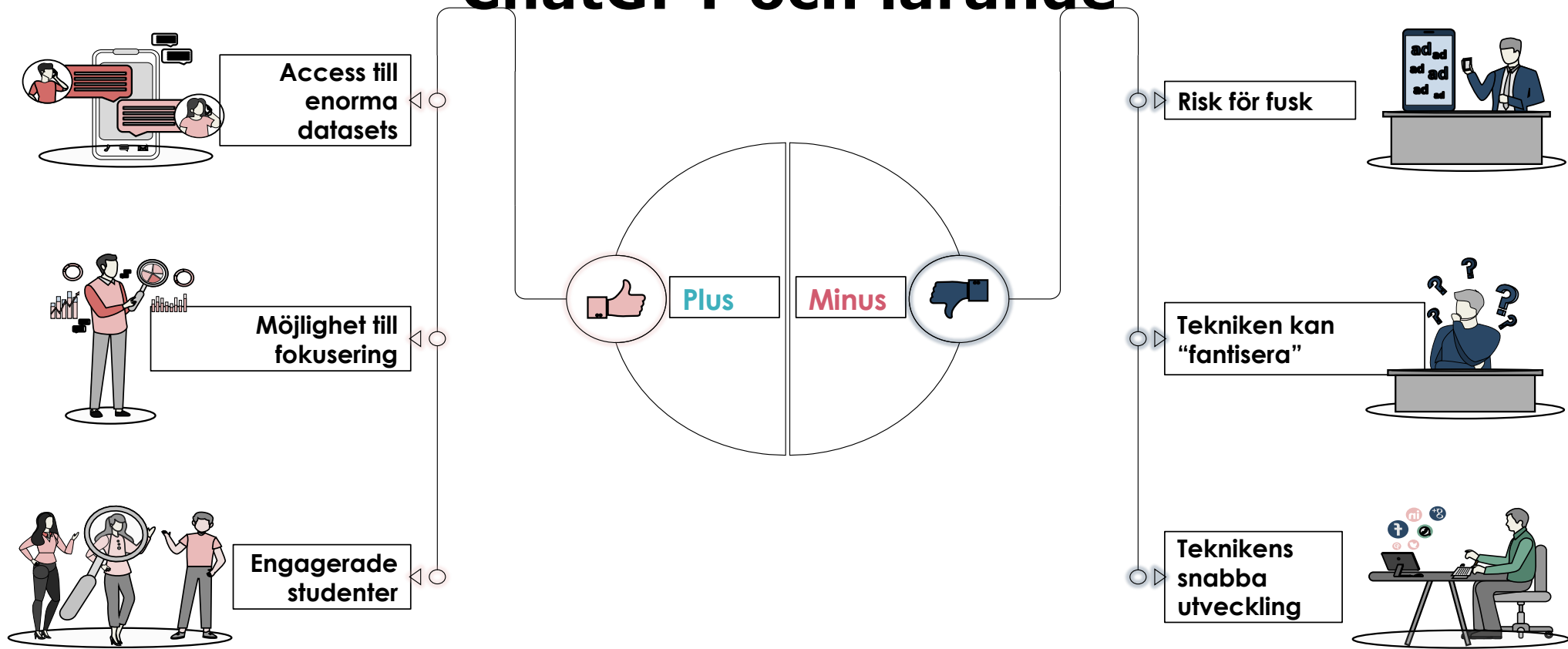


Varför är ChatGPT så speciellt?

ChatGPT Shoots Past One Million User Mark In 5 Days



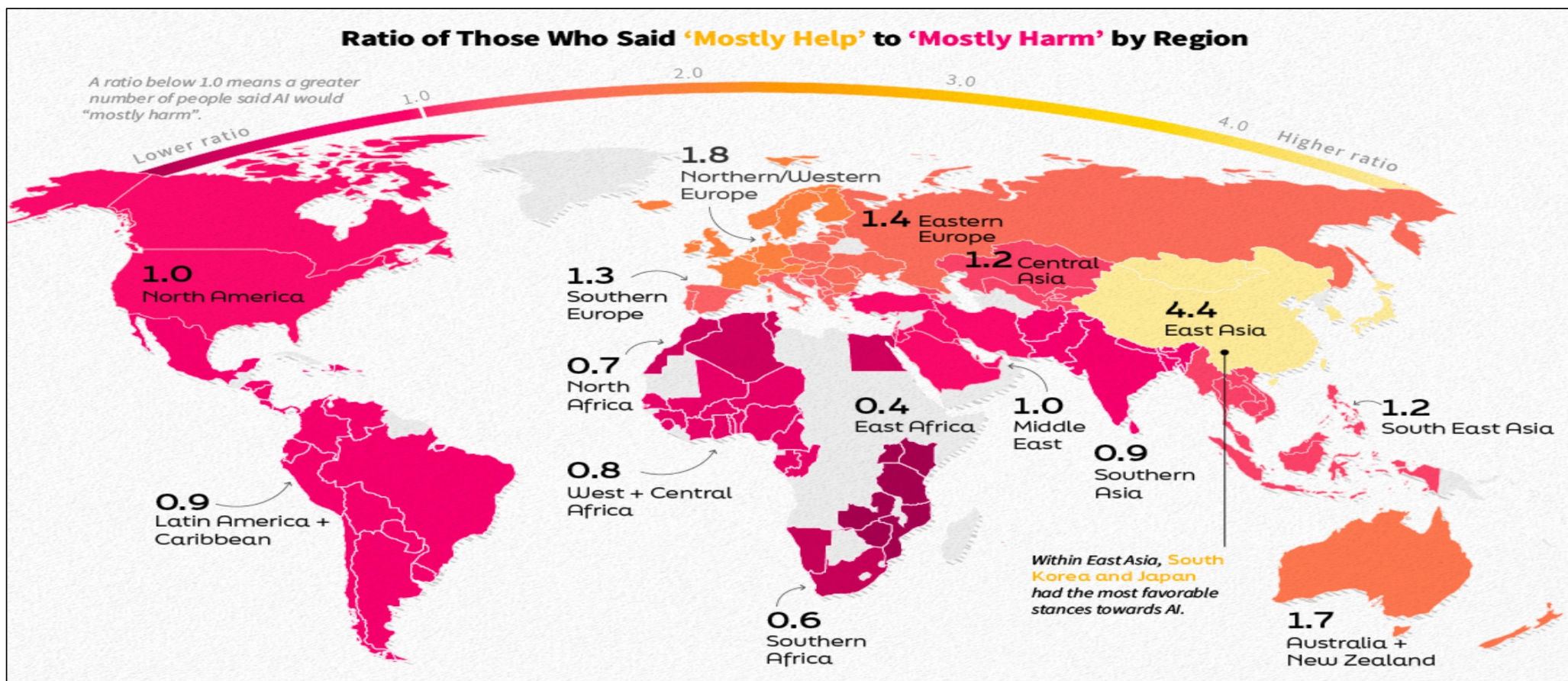
ChatGPT och lärande



ChatGPT hallucinerar?

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Artificial intelligence (AI)

'We are a little bit scared': OpenAI CEO warns of risks of artificial intelligence

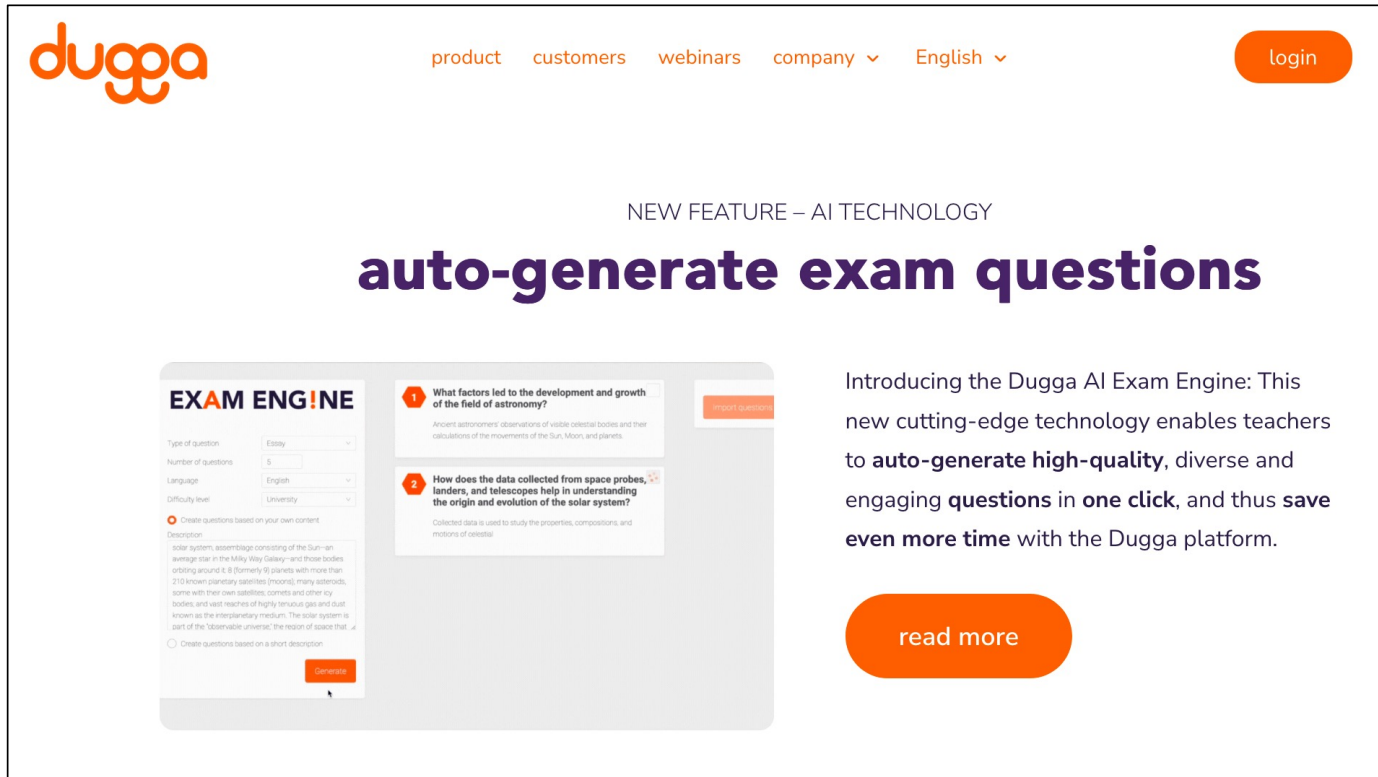
Sam Altman stresses need to guard against negative consequences of technology, as company releases new version GPT-4

Edward Helmore *in New York*
Fri 17 Mar 2023 16.08 GMT

f t e

A photograph of Sam Altman, CEO of OpenAI, speaking at a podium. He is wearing a green sweater and has his hands outstretched as if in the middle of a presentation or speech. The background is a dark, textured wall.

Borde vi vara oroliga?



The screenshot shows the Dugga website interface. At the top left is the 'dugga' logo. To its right are navigation links: 'product', 'customers', 'webinars', 'company', and 'English'. A 'login' button is in the top right. The main heading reads 'NEW FEATURE - AI TECHNOLOGY' followed by 'auto-generate exam questions' in a large, bold, purple font. Below this is a preview of the 'EXAM ENGINE' interface. The 'EXAM ENGINE' panel includes a 'Type of question' dropdown set to 'Essay', 'Number of questions' set to '5', 'Language' set to 'English', and 'Difficulty level' set to 'University'. It has two radio buttons: 'Create questions based on your own content' (selected) and 'Create questions based on a short description'. A 'generate' button is at the bottom. To the right of the panel are two example questions: '1. What factors led to the development and growth of the field of astronomy?' and '2. How does the data collected from space probes, landers, and telescopes help in understanding the origin and evolution of the solar system?'. An 'import questions' button is also visible. To the right of the screenshot, text introduces the 'Dugga AI Exam Engine' as a new cutting-edge technology that enables teachers to auto-generate high-quality, diverse, and engaging questions in one click, saving time. A 'read more' button is located below this text.

product customers webinars company ▾ English ▾ login

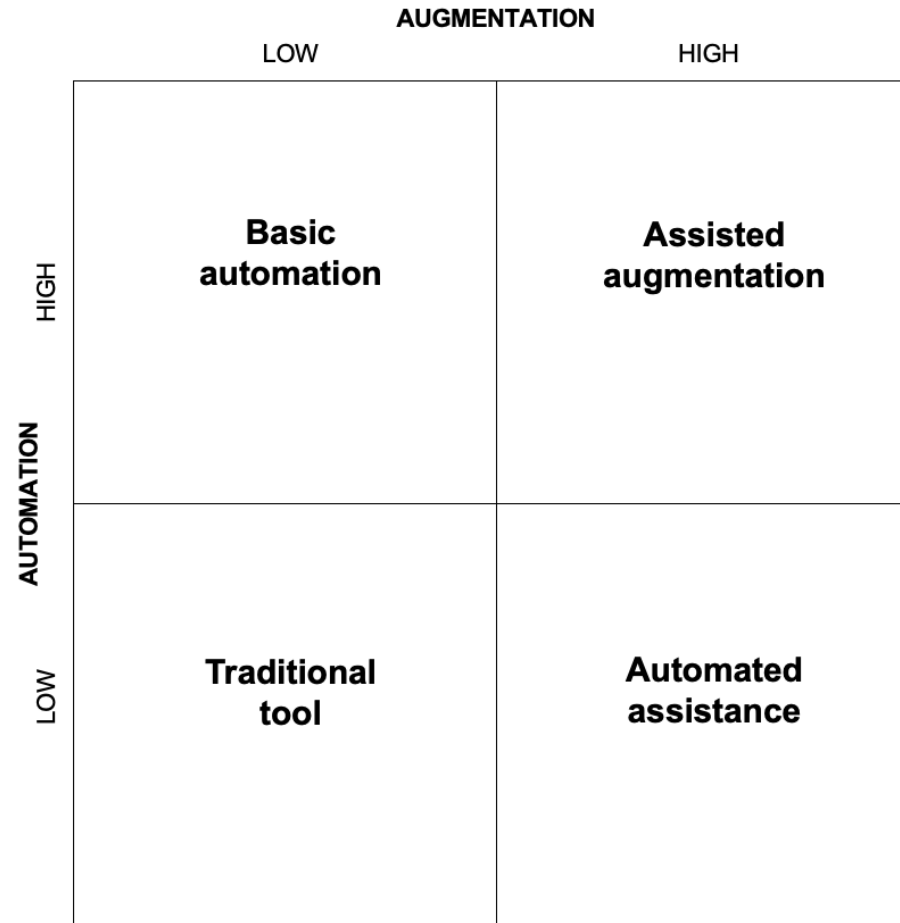
NEW FEATURE – AI TECHNOLOGY

auto-generate exam questions

Introducing the Dugga AI Exam Engine: This new cutting-edge technology enables teachers to **auto-generate high-quality**, diverse and engaging **questions in one click**, and thus **save even more time** with the Dugga platform.

read more

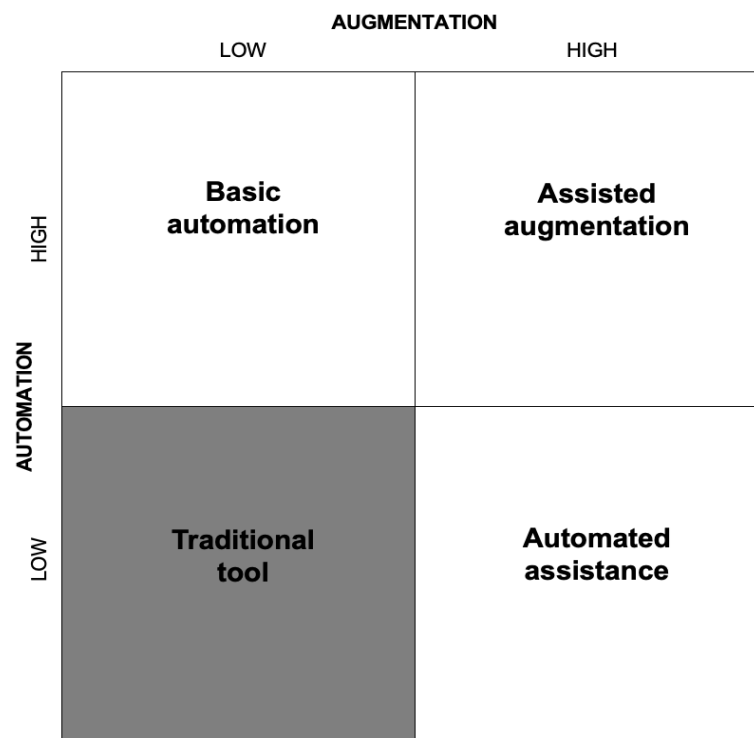
Vad kan man göra: Tankar om hur vi kan innovera verksamheter med ChatGPT



Vad kan man göra: Tankar om hur vi kan innovera verksamheter med ChatGPT

ChatGPT som 'traditional tool':

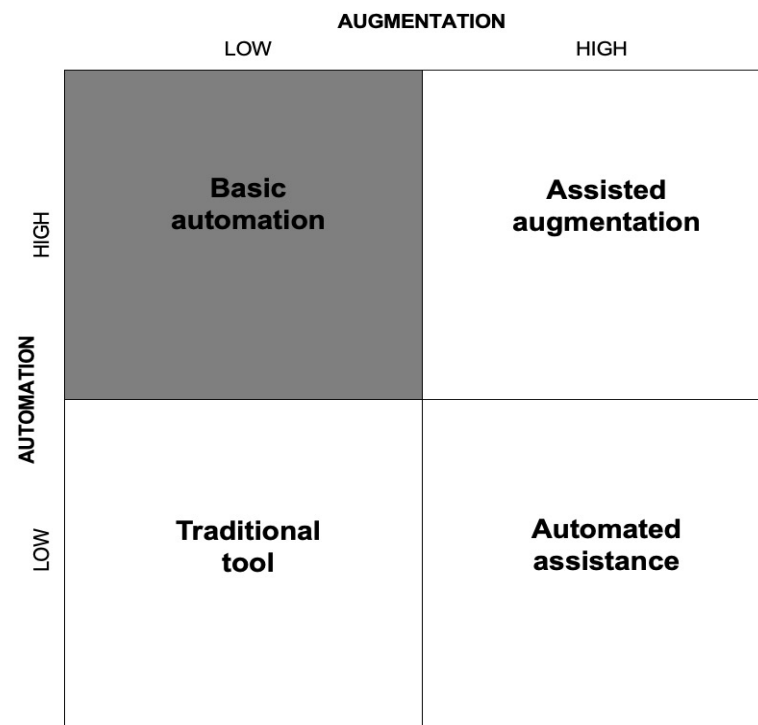
- Var noga med reglering av användningen av ChatGPT och dess resultat



Vad kan man göra: Tankar om hur vi kan innovera verksamheter med ChatGPT

ChatGPT som 'basic automation':

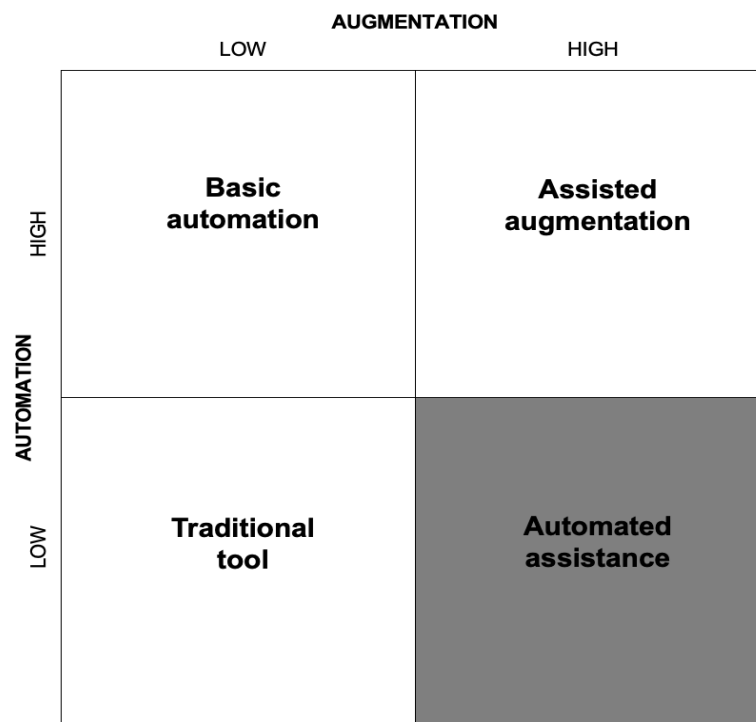
- Använd ChatGPT som stöd för brainstorming
- Frigör tid för lärarna att fokusera på interaktion med eleverna



Vad kan man göra: Tankar om hur vi kan innovera verksamheter med ChatGPT

ChatGPT som 'automated assistance':

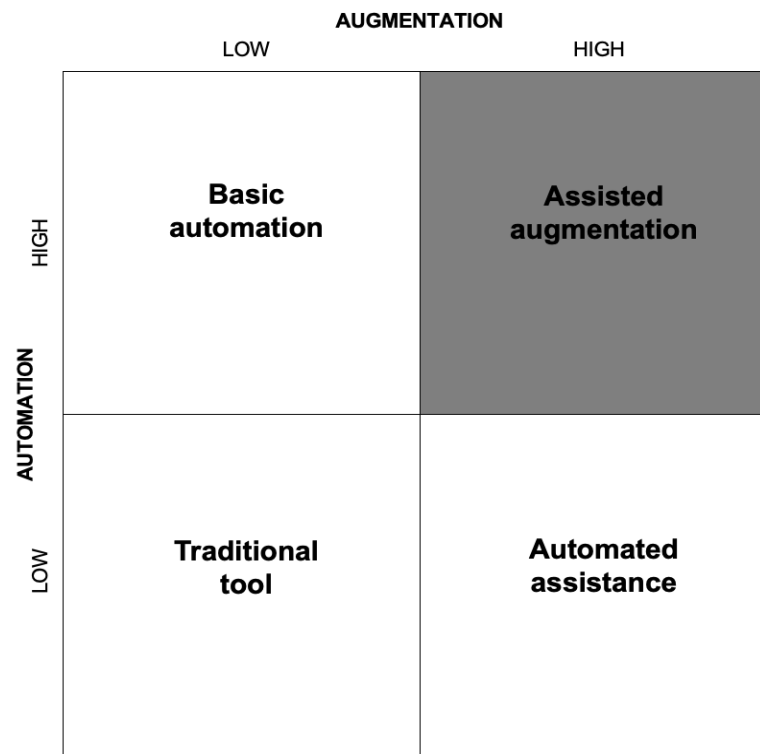
- Använd ChatGPT som stöd för datainsamling och analys



Vad kan man göra: Tankar om hur vi kan innovera verksamheter med ChatGPT

ChatGPT som 'assisted augmentation':

- Använd ChatGPT för "prompt engineering": Bygg en kedja med frågor/svar som bygger kunskapen i en fråga
- Frigör tid för lärarna att fokusera på interaktion med eleverna



Sammanfattning: Möjligheter och utmaningar med ChatGPT i en undervisningskontext

- ChatGPT och andra typer av generativ AI: Utvecklingen går i en rasande takt och ni måste fatta beslut hur ni ser på användningen
- ChatGPT och dess hallucinationer: Kritisk gransking av fakta viktigt!
- Stor potential till innovation, men ni måste hitta den innovationsnivå ni känner er bekväma med!
- En viktig del av elevernas lärande: att finna sin väg i AI-samhället!

