

How to Use Emerging Technologies for Learning

Workshop no. 3













Contents | Coming up

- Introduction to Generative Artificial Intelligence (AI) and a classification
- Landscapes of Generative Al
- Use cases & "hands-on" experience





Let's start@





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The Neuroscience of Business: Innovations in Leadership and Strategic Decisions

Issued by Wharton Executive Education

The Neuroscience of Business shows how the brain works and how to apply neuroscience principles in your organization to shape and improve management



"Al can boost our analytic and decision-making abilities and heighten creativity."

Harvard Business Review*



Learning outcomes

- be able to define generative Al and have a big picture of various classifications of them
- be able to work and integrate Generative AI into a curriculum











Introduction to Generative Artificial Intelligence (AI) and a classification

What is **Generative Al?**



What is **Generative Al?**

Generative AI is a broad label that denotes any AI algorithm that enables using existing content like **text**, **audio files**, **or images** to create creates new text, images, videos, audio, code, or synthetic data (Richman, Boyd, 2023; Market trends, 2021).



https://pixabay.com/de/illustrations/roboter-künstliche-intelligenz-frau-507811/













Where <u>Generative Al</u> can be applied?

There are different generative Als in many areas: education, business, the game industry, art, and writing.



https://pixabay.com/de/illustrations/lernen-wissen-idee-schule-3245793/











What is a classification of Generative AI?



Classification of Generative Al

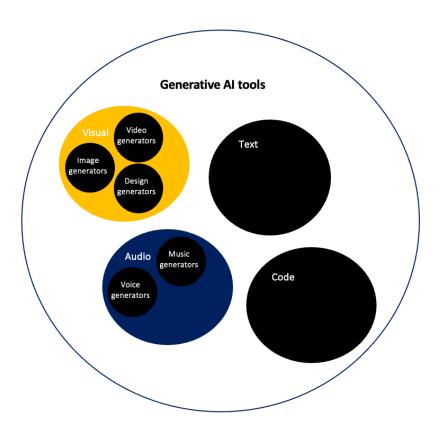


Image 1. Classification of generative AI. *Source*: https://research.aimultiple.com/generative-ai-tools/











What are classifications of Generative AI?



Classification of *Generative* AI (1)

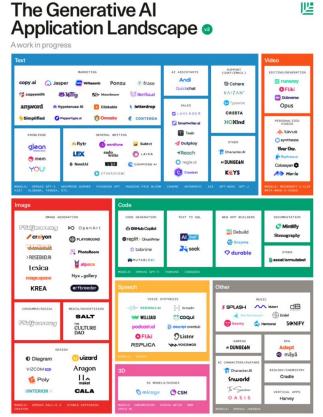


Image 2. Classification of Generative AI applications. Source: https://twitter.com/ValaAfshar/status/1618058964897525760/photo/1













Classification of Generative Al: Example

Business function	Examples of cases	Al platform links
Marketing	SEO optimization, copywriting, personalization	https://writer.com https://www.jasper.ai https://www.copy.ai/
Customer support	User insights	https://forethought.ai https://cresta.com
Legal	Document drafting, synthesis, legal to no- legal translation	https://casetext.com
Human Resource	Job description writing, interviewing, performance reviews, AI couch	https://www.converzai.com

Table 1. The list of generative Als of business.

Source: https://foundationcapital.com/jasper-and-the-past-present-and-future-of-generative-ai/













Classification of Generative AI (2)

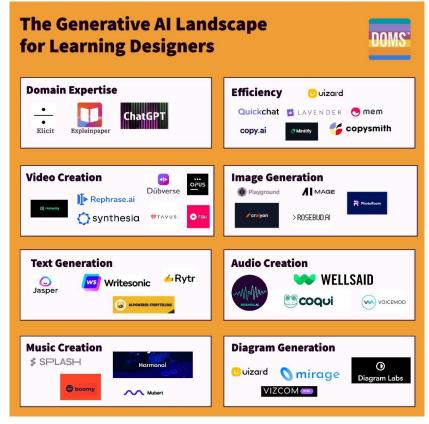


Image 3. The Generative AI Landscape for Learning Designers by DOMS™.

Source: https://drphilippahardman.substack.com/p/the-generative-ai-landscape-for-learning











Use cases & "hands-on" experience



#Education | Visuals



Image 4. The photo-realistic image was generated using the Stable Diffusion solution using the Stable Diffusion solution by giving three keywords (strawberry, fields, evening) .

Source: https://stablediffusionweb.com













#1 Exercise

To generate a visual with the AI solution "Stablediffusionweb.com", please use three keywords such as strawberry, fields, and evening and wait for visible results (a visual) that appear in a few seconds.

















#Education | Texts

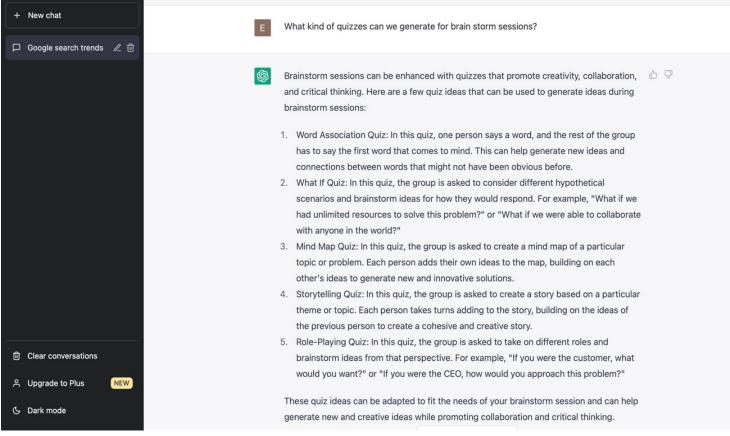


Image 5. Example of the Q and the answer provided by Chat GPT. *Source*: https://chat.openai.com/chat#













#2 Exercise

Please type the question, "What kind of quizzes can we generate for brainstorm sessions?" and press the button "Arrow".















Thank you for your participation ©

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