Generative Al

a short but thorough and hands-on introduction

Bo Kang, Thomas Demeester, Tijl De Bie

• Text Generation (LLMs) (Thomas, 13 Oct. 2023)

Tools and Applications in Text Generation (Bo, 27 Oct. 2023)

Image Generation (Bo, 10 Nov. 2023)

Audio Generation (Bo, 17 Nov. 2023)

Ethical Considerations and Trustworthiness (Tijl, 01 Dec. 2023)

Case Presentation (You, 08 Dec. 2023)

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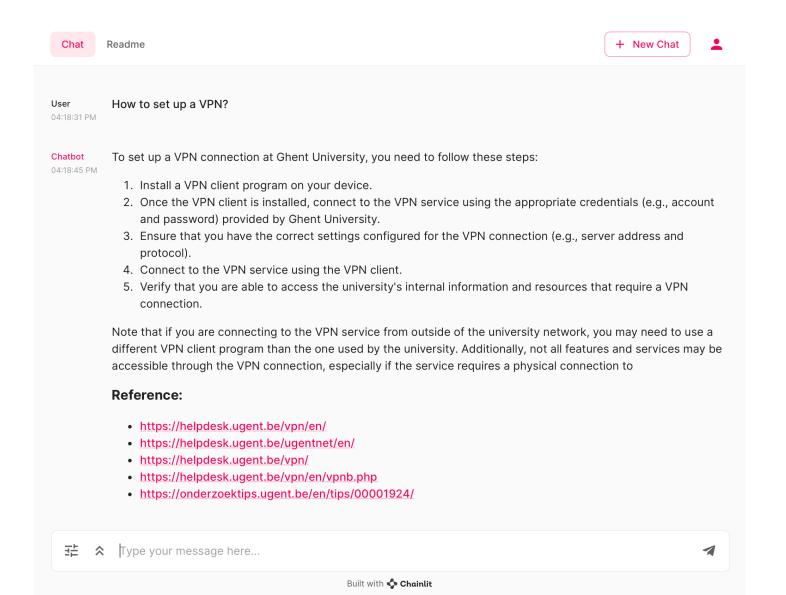
Image Generation (Bo, 10 Nov. 2023)

Audio Generation (Bo, 17 Nov. 2023)

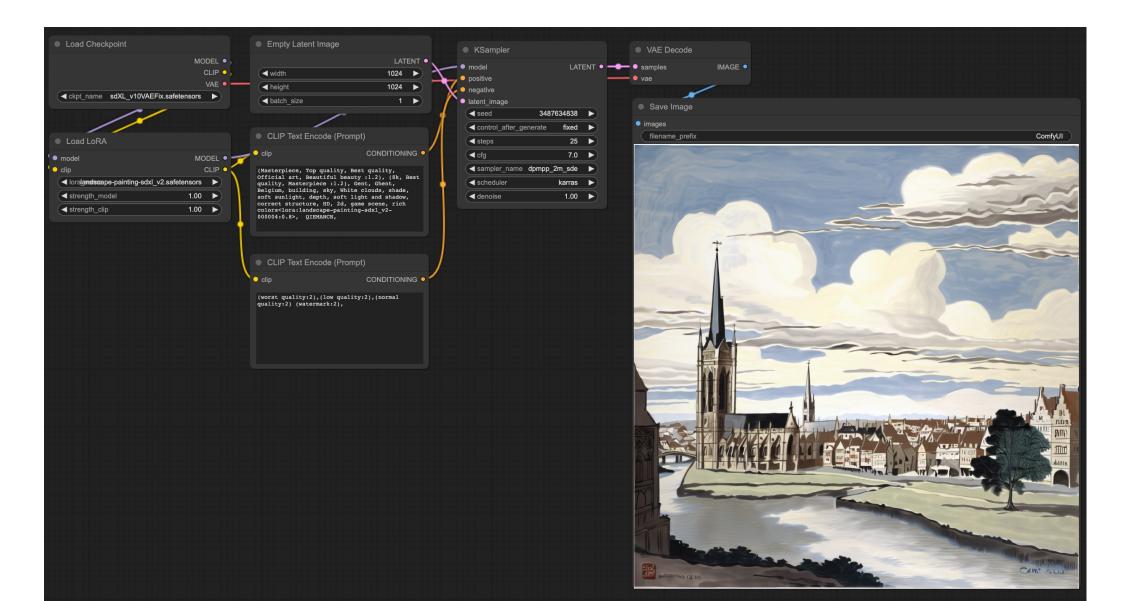
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Ask Helpdesk with Retrieval Augmented Generation



Generate images with you own style

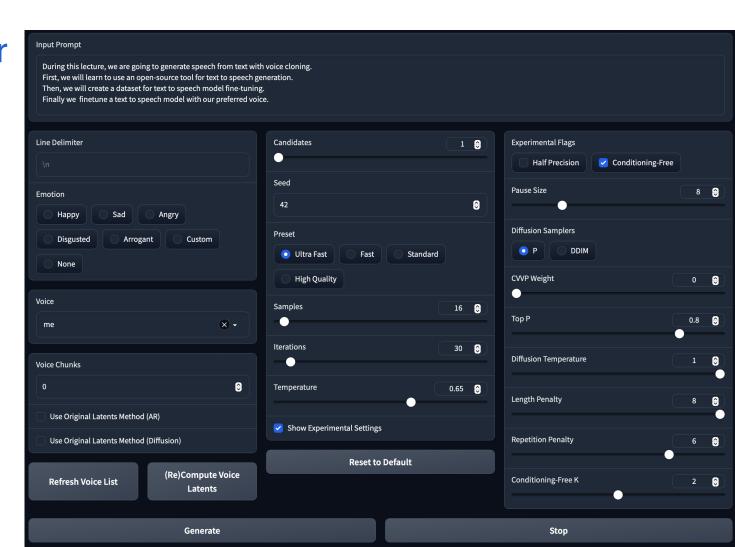


Generate Speech from Text with Voice Cloning

 Use an open-source tool for text to speech generation

 Create a dataset for text to speech model finetuning

 Finetune text to speech model with preferred voice



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Logistics

- Time: 16:15-17:30 on the Fridays
- Place: room Systems in building 125, technology campus Zwijnaarde
- GitHub repository: github.com/aida-ugent/generative-ai-course
- Registration form: forms.gle/c791QJkA2JCWSNWf6

