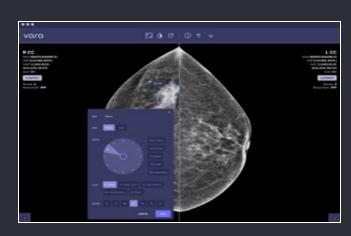


As AI becomes omnipresent, we interact with AI more and more on a daily basis



Autonomous Driving – Brake Assistant 1)



Vara – Breast Cancer Screening Platform 4)



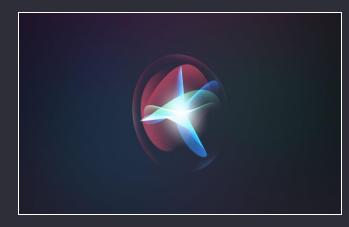
Allure Security – Protection against Phishing Attacks 2)



Henn na Hotel – Japenese Full Robot Hotel 5)



GlasGo – Quality Management 3)



Intelligent Assistants like Siri 6)

1) https://paultan.org/ 2) https://www.alluresecurity.com/ 3) https://www.telekom.com/de/ 4) https://www.varahealthcare.com/ 5) booking.com 6) https://www.apple.com/de/siri/



Even though AI continuously improves, there are still cases where AI fails







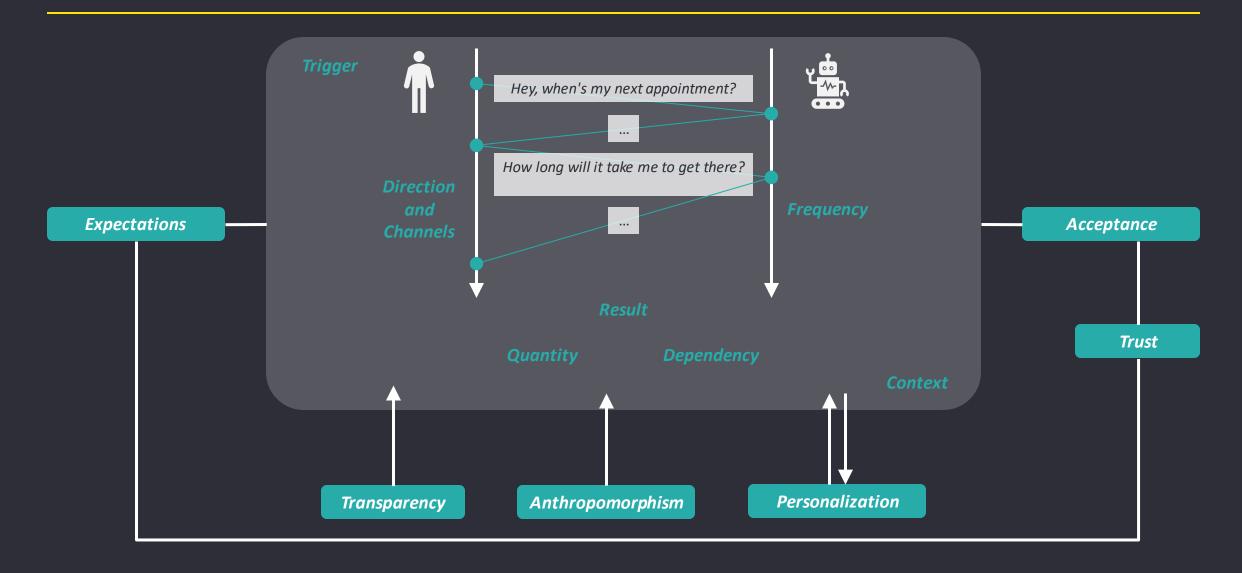
Microsoft' Tay Chabot 1)-Becoming Hitler-loving

Amazon Recruiting Systems 2)-Becoming Gender-Biased

Uber Self-Driving Car ³⁾-Killing pedestrian

1) https://techseen.com/ 2) https://medium.com3) https://www.bloomberg.com/news/

Successful human-Al interactions require a purposeful and considered design



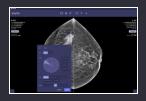


We distinguish five AI interaction types based on freedom of action and reciprocity



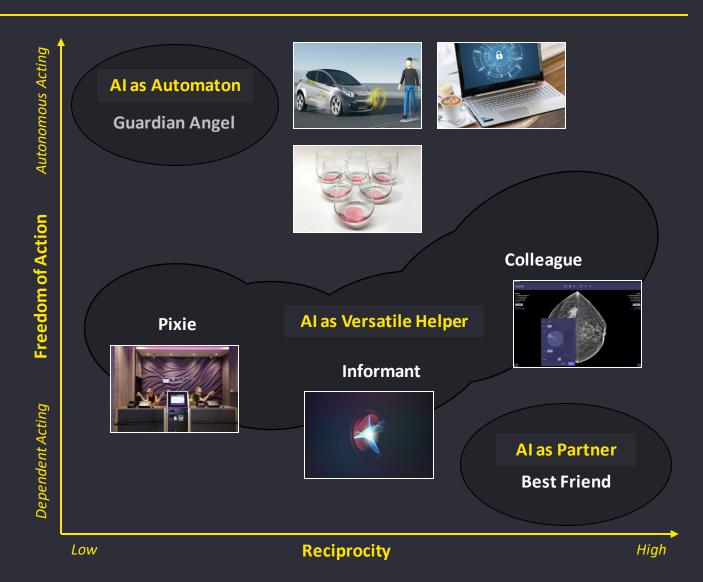




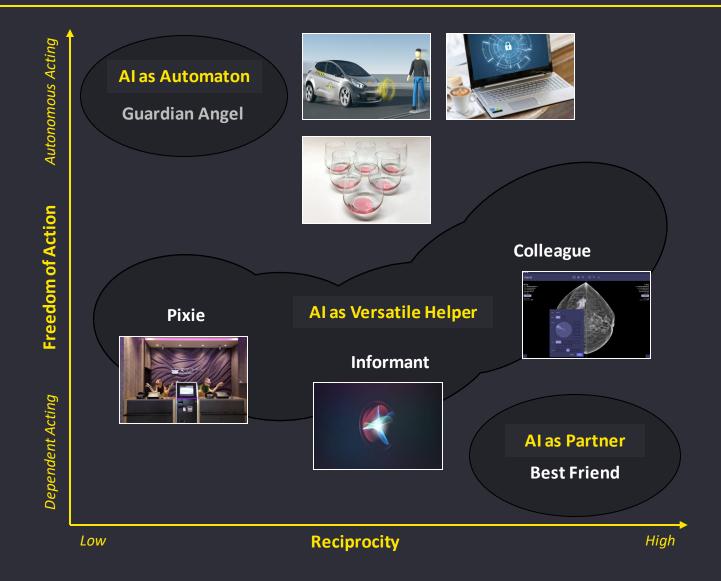




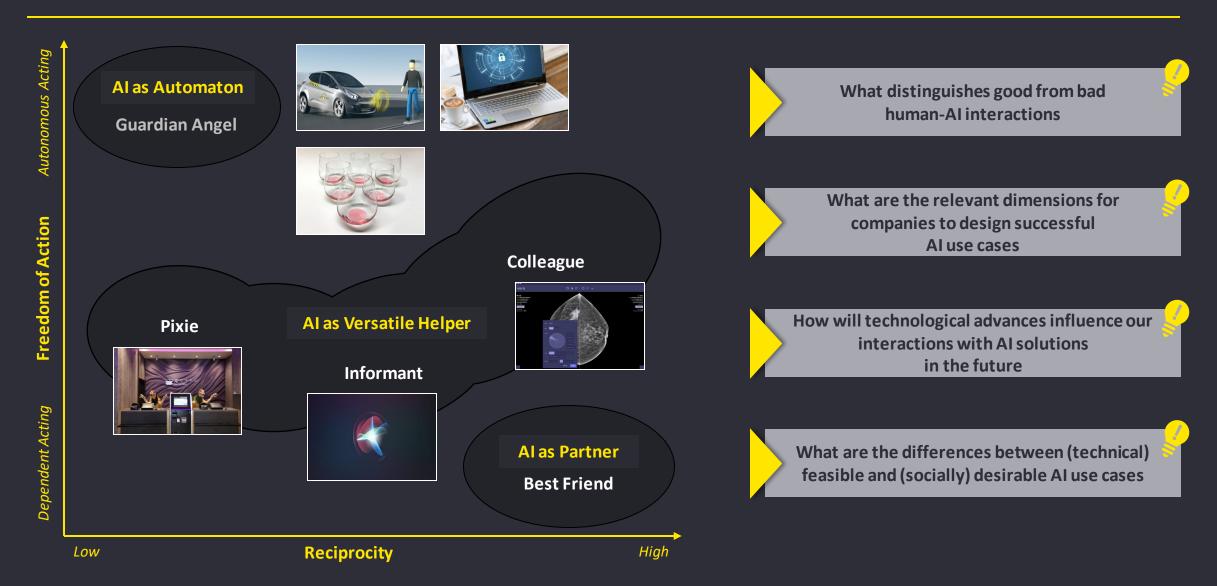








We distinguish five AI interaction types based on freedom of action and reciprocity

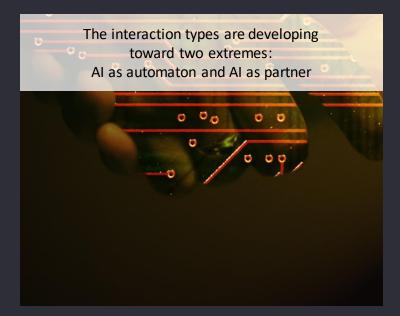


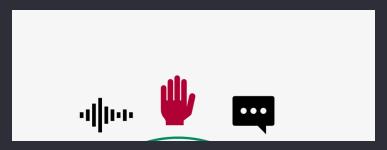
Human-Al Interaction

Personalization, social elements, task diversity and context understanding are increasing

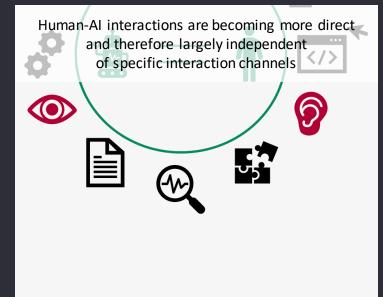


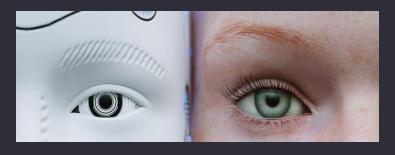
Interaction Types



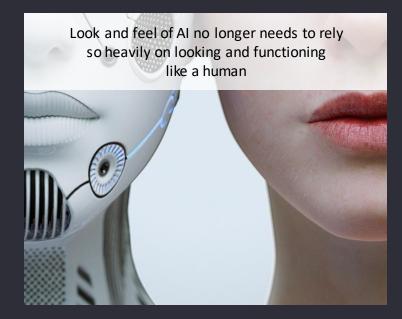


Interaction Channels





Anthropomorphism





If you are interested in our study's results, please contact us

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