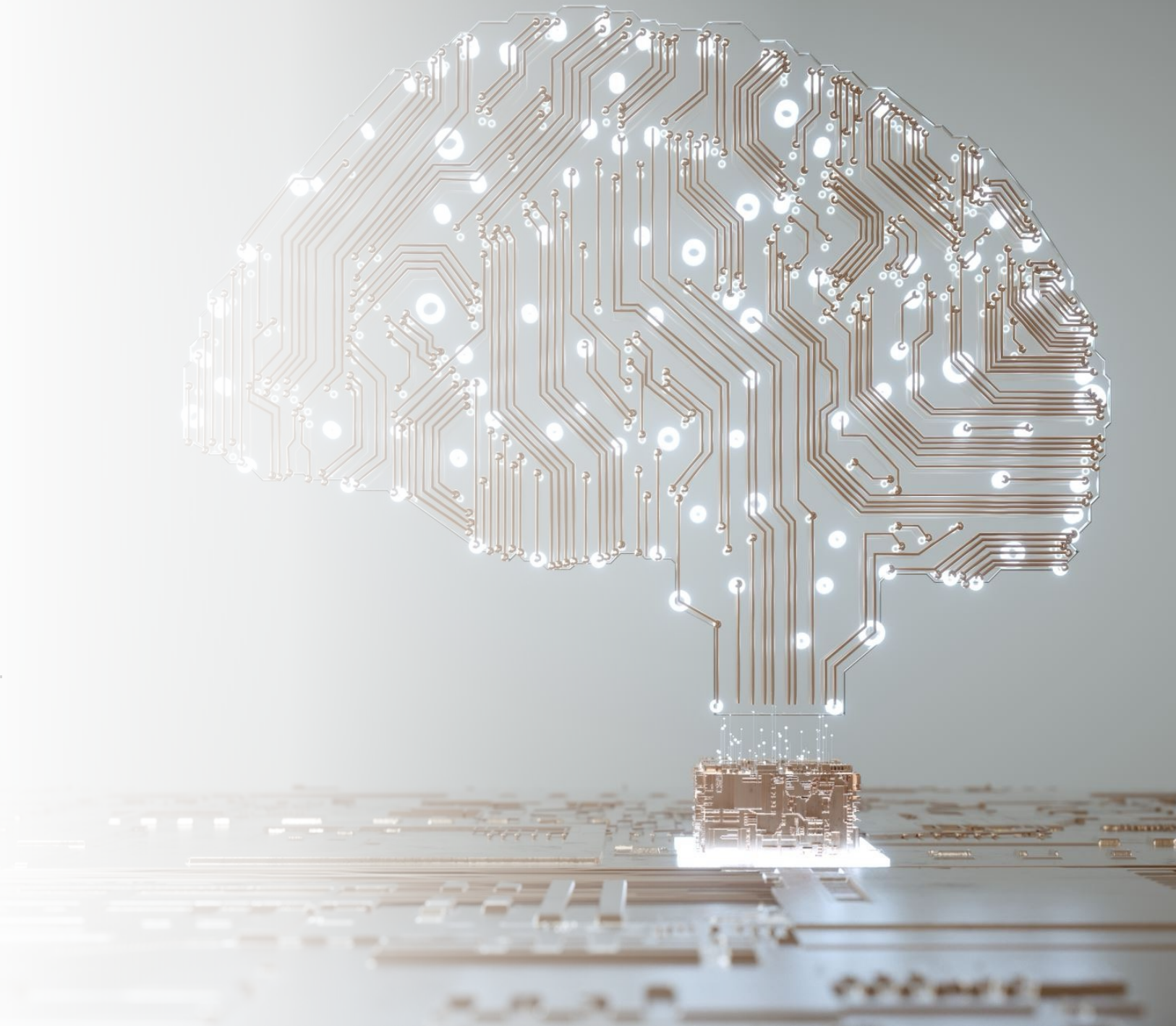


# The Impact of Artificial Intelligence on Industry and my Working Life

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A Reflective Analysis of the Transformative Power of Chat GPT in Enterprise IT





# Defining Artificial Intelligence

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- **Russel, S. J. & Norvig, P. (2016):** " We define AI as the study of agents that receive percepts from the environment and perform actions."
- **McCarthy, J. et al. (2006):** AI is the capability of a machine to imitate intelligent human behaviour.
- **Luger, G. F. (2005):** Artificial Intelligence is a branch of computer science dealing with the simulation of intelligent behaviour in computers.

**How do I define AI ?**

**What do I feel when I hear the term AI ?**

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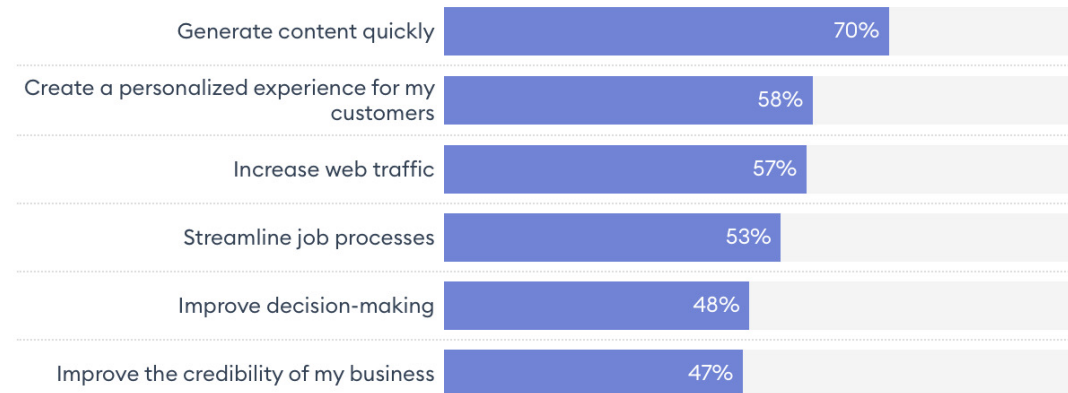


# Why I think AI will have the Greatest Impact

## Example ChatGPT

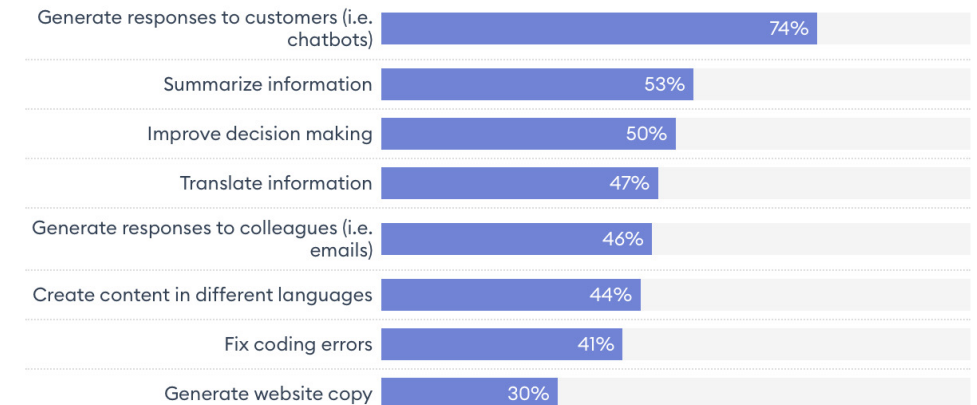
### The Positive Impacts of ChatGPT on Businesses

Forbes Advisor asked business owners in what ways they believe ChatGPT will positively impact their business



Forbes Advisor (2023)

### How Business Owners Believe ChatGPT Can Help Their Business



Forbes Advisor (2023)

Haan, K. & Watts, R. (2023) How Businesses Are Using Artificial Intelligence In 2024. *Forbes Advisor*. Available from: <https://www.forbes.com/advisor/business/software/ai-in-business/> [Accessed 12 July 2024].

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# AI's Impact on my working life

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**Brynjolfsson, E., & McAfee, A. (2014):** Brynjolfsson and McAfee from MIT explore both the positive and negative impacts of AI. They argue that AI has the potential to significantly **boost productivity and economic growth** but also warn of **increased inequality** as those who can leverage AI will benefit disproportionately. They stress the importance of education and policy interventions to mitigate these effects.

**Frey, Carl Benedikt, and Osborne, Michael A. (2017):** Frey and Osborne from the University of Oxford provide a detailed analysis of the susceptibility of jobs to automation. They estimate that a significant **percentage of jobs are at high risk of automation**, particularly those involving routine and repetitive tasks. However, they also highlight that **new types of jobs will emerge**, requiring different skill sets.

**What do I think ? Which impact has AI on my working life ?**

Acemoglu, D. & Johnson, S. (2023) *Choosing AI's Impact on the Future of Work*. Available from: <https://ssir.org/articles/entry/ai-impact-on-jobs-and-work#> [Accessed 10 July 2024].

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Frey, C. B., & Osborne, M. A. (2017). The Future of Employment: How Susceptible Are Jobs to Computerisation?. *Technological Forecasting and Social Change* 114: 254-280.DOI: <https://doi.org/10.1016/j.techfore.2016.08.019>

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# AI's Impact on my studies



Understanding IT  
better (complex  
processes)



Develop into IT  
consulting



Biggest fear  
programming → 2.  
Assignment

Most AI tools are  
also written with  
Python



How to learn  
programming ?



How to solve a  
complex  
assignment?



1. Understanding the Pass criteria
2. Starting with a smaller sorting file
3. Adapting Program until it works for small file
4. Adapting Program to sort given file

# Deep Reflection and Learnings

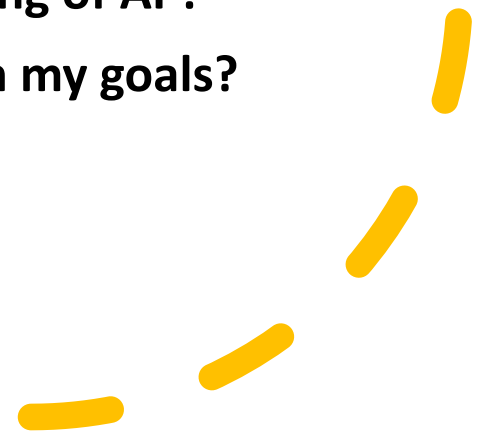
## Key Takeaways:

- AI can help you to learn and search for Literature
- Programming/Automation is no magic
- Group a big problem into smaller problems
- Developing problem-solving skills

**How have my studies changed my understanding of AI ?**

**How can this Master's degree help me to reach my goals?**

**Where do I see myself in 5-10 years?**



# Conclusion and Outlook

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Continuous reflection and learning helps me to achieve my goals

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AI helps me develop and eases my work life

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How can I develop personal and professional ?

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How can I use AI to achieve my goals?

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How can we reduce the threats of AI?

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