



Semester 2 Project - AI's Impact on Industries

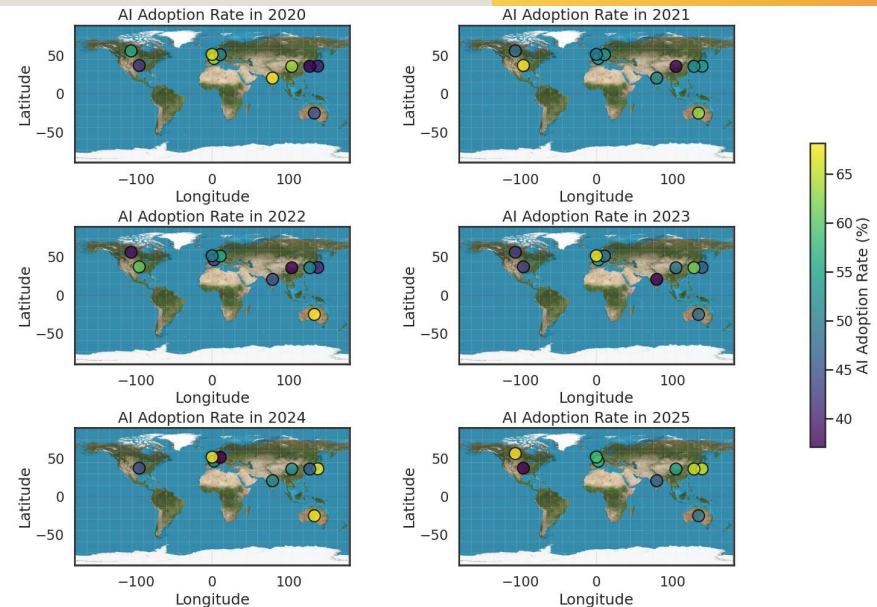
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Is AI a Fad-Adoption rate

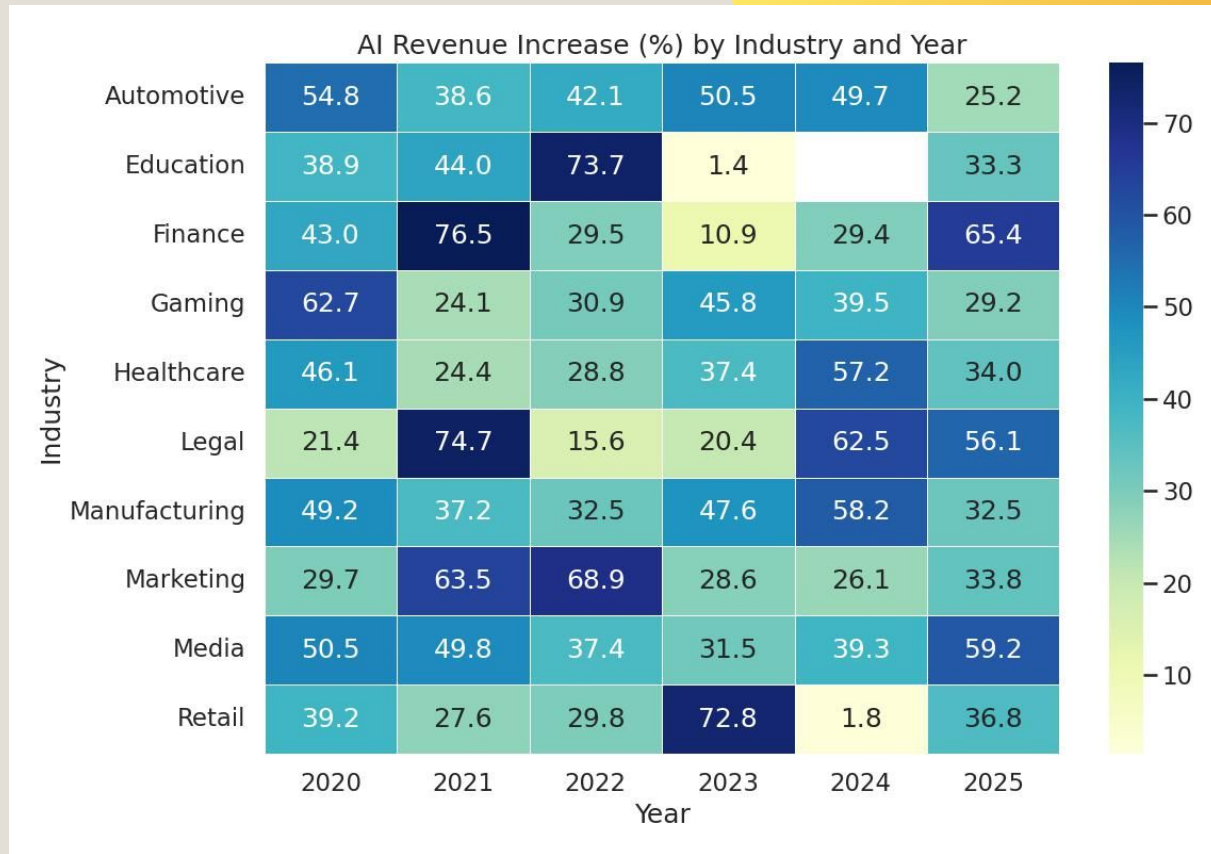
- EU AI adoption around 55-60% from 2020-2025
- India, USA, China and Canada adoption rate level out over time
- Japan and South Korea are increasing over time
- Australia jumps between 40-50%

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Is AI a Fad-ROI

- All industry experienced increase in revenue
- Education has the least return with 1.4% and 0% in 2024 and 2025
- Finance, marketing and legal are high growth sectors

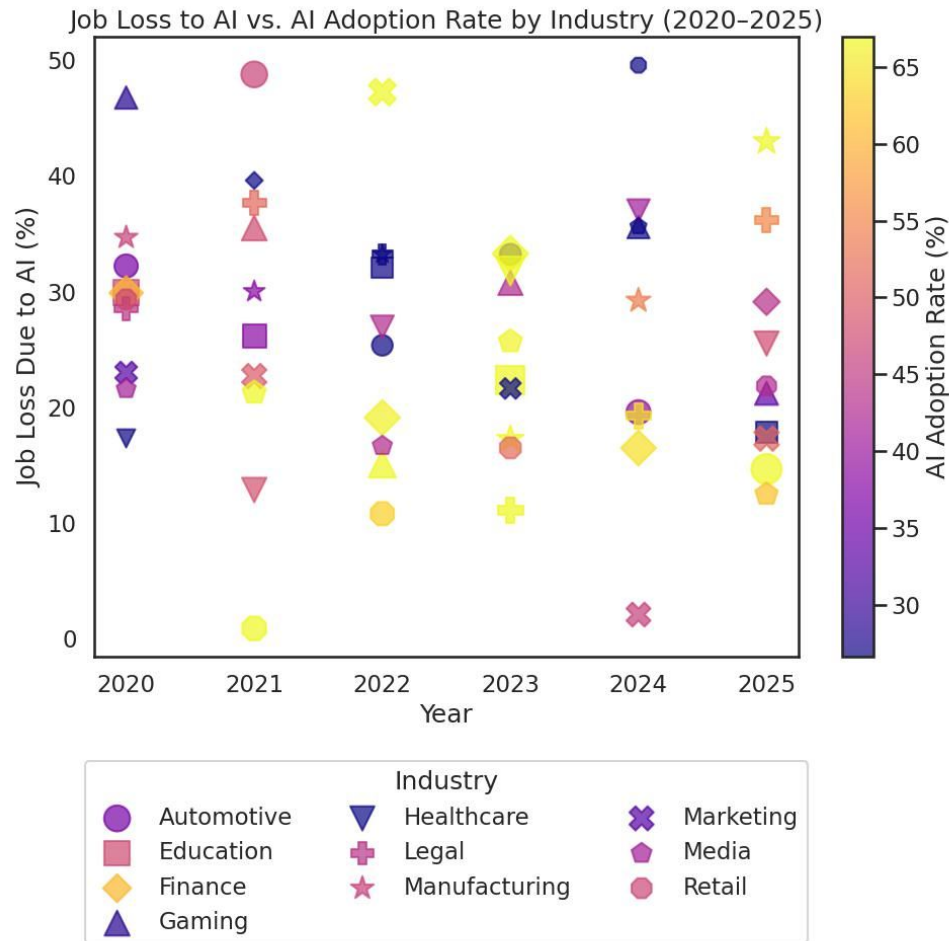


Is AI a fad - conclusion

- Developed countries are consistently adopting AI every year
 - Lowest is still 40%
- All major industries are adopting AI
 - Continuous return on investment
- Companies are still investing in AI
 - Research will increase ROI
- **AI is here to stay, and will be a bigger part of the economy in the future**

Is AI stealing my job?

- Job loss across all industries
 - Not proportional
- High Adoption rate usually precedes large job loss
 - Gaming 2022 to 2023
- Automotive has low adoption but high job loss
 - Demonstrates AI's indirect effects on jobs



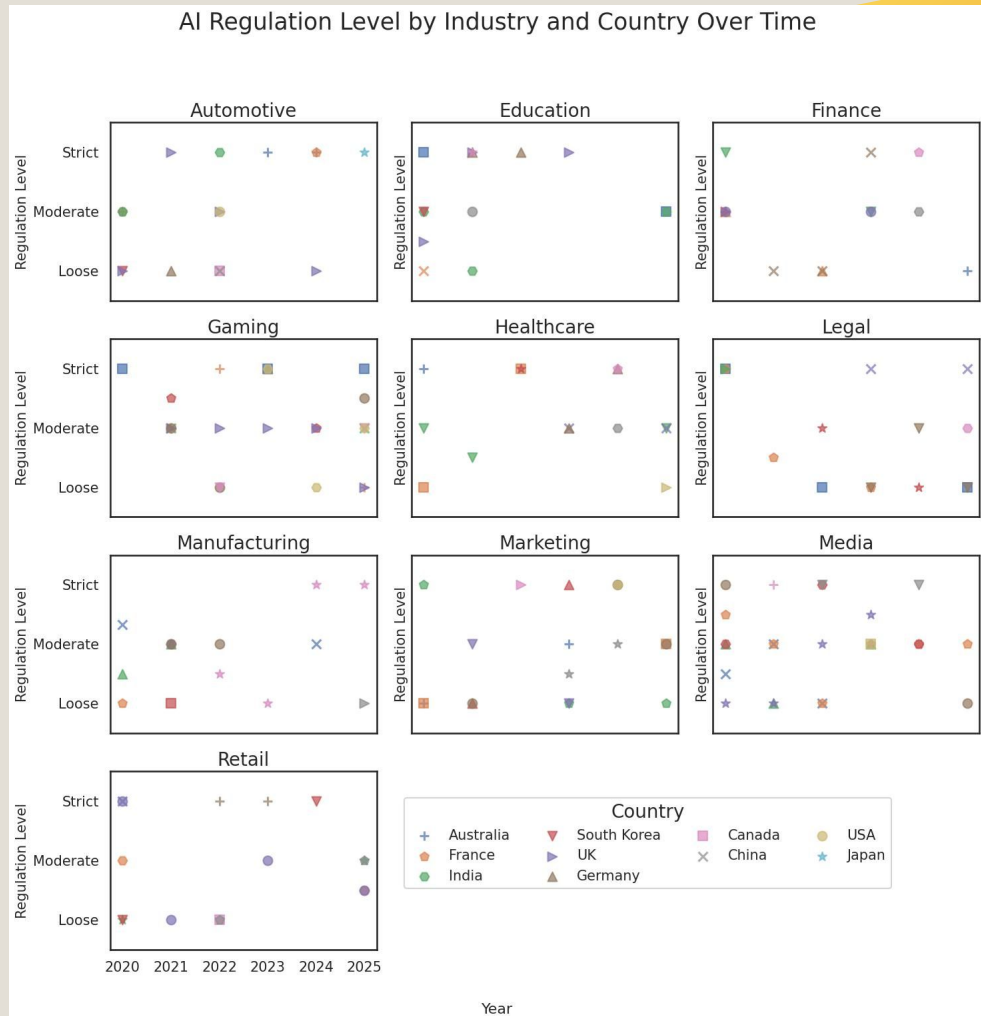
Is AI stealing my job?

- No clear correlation between AI adoption and AI related job loss
 - Other factors affect how significant AI job loss is
 - Most industries are affected
- Legal, and Manufacturing all follow similar trend
 - Job loss dipped in 2023 but increased from 2024-2025
 - Repetitive tasks lead to greater job loss



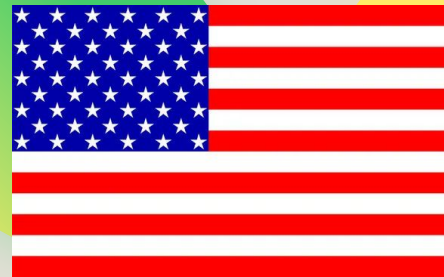
AI regulation in Countries

- Generally, European countries have stricter regulation
- China, Canada and USA have lower restrictions
- Most countries fluctuate their regulation
 - Automotive has highest AI regulation



AI regulation in Countries - Conclusion

- Europe has strong AI regulation, likely due to:
 - EU's focus on privacy
 - Precautionary principle
- China, USA and Canada have weaker regulations, likely due to:
 - Focus on technological development
 - Government investment
 - Case by case for industry



What to do with AI

AI is here to stay

- AI is inevitable
 - Research will increase adoption
- More AI coming to daily life (i.e: social media, ads)
- Learn about AI to keep yourself safe

Where's Zion?

- Don't want to live in the matrix?
- EU has stricter rules, than other countries
- China's and USA's, focus on AI research, is tied to fewer regulations

AI is taking our jobs?

- Depending on industry
 - Repetitive jobs are affected (i.e: cashier, telemarketing)
 - Lower education roles may be affected but not higher
- Not all gloom and doom
 - AI will create new jobs (i.e: data scientist, specialist roles)
- AI, will inevitably be part of most jobs

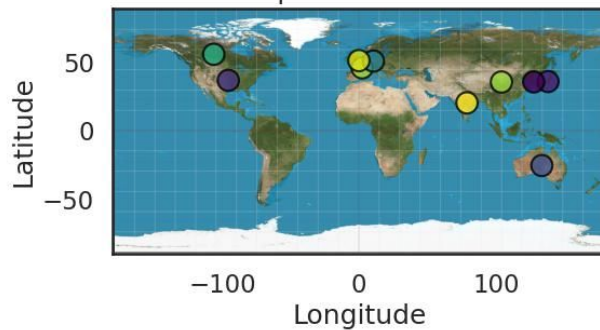


Thank you

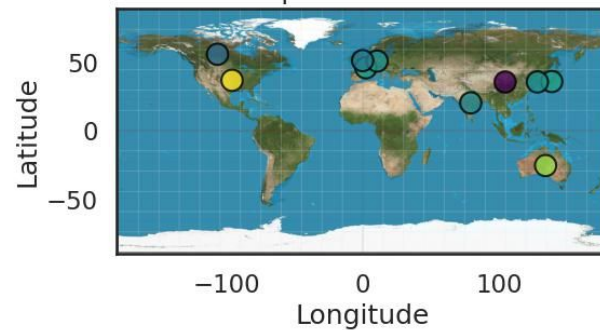
Sources

- <https://www.eua.eu/our-work/expert-voices/ai-is-here-to-stay-these-are-the-questions-we-now-need-to-ask-ourselves.html>
- <https://www.information-age.com/ai-investment-to-increase-but-challenges-remain-around-delivering-roi-16787/>
- <https://www.europarl.europa.eu/topics/en/article/20230601STO93804/eu-ai-act-first-regulation-on-artificial-intelligence>
- <https://www.cnn.com/2024/04/05/business/ai-job-losses/index.html>
- <https://www.kaggle.com/datasets/atharvasoundankar/impact-of-ai-on-digital-media-2020-2025>

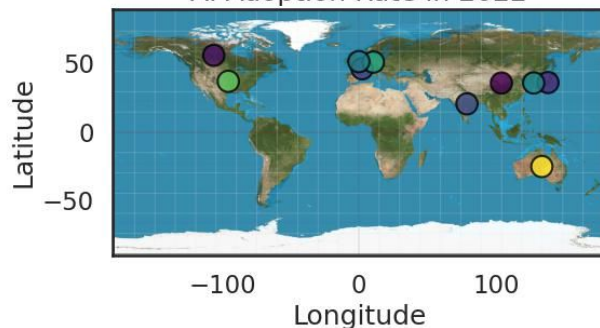
AI Adoption Rate in 2020



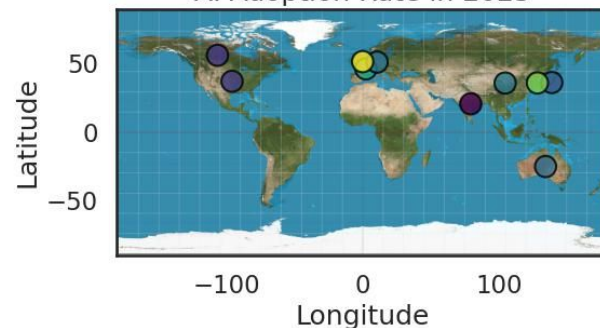
AI Adoption Rate in 2021



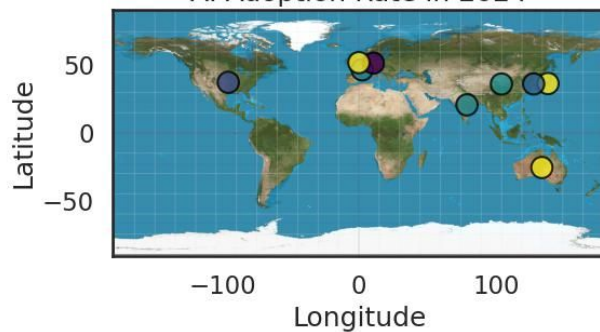
AI Adoption Rate in 2022



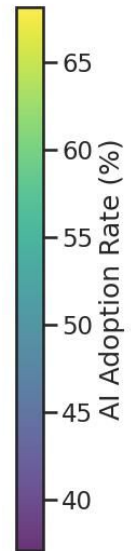
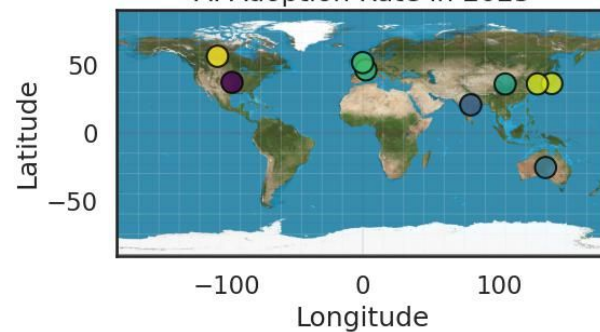
AI Adoption Rate in 2023



AI Adoption Rate in 2024



AI Adoption Rate in 2025



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