ENG1102 Discussion Assignment 4

In this assignment, you will acquire the skills to critically analyze a material and evaluate and analyze sources of information to share ideas or messages with clarity.

**Write a brief analysis on how AI is causing job losses worldwide. Use three credible and reliable sources to gather information and compose a paragraph on the topic.**

Your Discussion should be a minimum of 200 words in length and not more than 300 words. Please include a word count. Follow the APA standard, use references and in-text citations for the textbook and any other sources from the past three years.

You instructor will grade you based on the [*Discussion Forum Unit 4 Rubric*](https://my.uopeople.edu/pluginfile.php/1773917/mod_book/chapter/458579/ENGL%201102_Discussion%20Assignment%20Rubric_Unit%204.pdf).

Please respond to any three classmates by providing comments or questions about their main post. Feedback should be appropriate, meaningful, and helpful. Overall, your comments should contribute positively to the conversation by broadening or clarifying it. Feedback should be in complete sentences. Read '[*Peer feedback for students*](https://my.uopeople.edu/pluginfile.php/1773918/mod_forum/intro/Peer%20Feedback%20for%20students.pdf)' to know more on how to give feedback.

The impact of artificial intelligence (AI) on job losses worldwide has been a topic of concern and debate. According to the Bureau of Labor Statistics, while certain occupations may be vulnerable to automation, the actual job losses due to AI and advanced robotics have mostly affected occupations that were already susceptible to other factors such as offshoring and previous waves of computing technology1. Furthermore, a study by the Pew Research Center found that in 2022, 19% of American workers were in jobs that are highly exposed to AI, but workers in these industries were more likely to believe that AI will help rather than harm them personally2. Additionally, the Organization for Economic Cooperation and Development (OECD) highlights that job postings requiring AI skills still represent a small share of overall job postings, indicating that the impact of AI on job losses might not be as significant as initially perceived3.

Sources:

Source: Bureau of Labor Statistics. "Growth trends for selected occupations considered at risk from automation." Link ↩

Source: Pew Research Center. "Which US workers are exposed to AI in their jobs?" Link ↩

Source: OECD. "Artificial Intelligence and Employment." Link ↩

When we are discussing AI on job losses, I believe that AI will eventually cause global job losses.

Although there is argument made by the U.S. Bureau of Labor Statistics (BLS), while certain occupations may be vulnerable to automation, the actual job losses due to AI and advanced robotics have mostly affected occupations that were already susceptible to other factors such as offshoring and previous waves of computing technology(*Which US Workers Are Exposed to AI in Their Jobs? | Pew Research Center*, n.d.)

Historically, there is growing concern about the potential job displacement caused by robotics and artificial intelligence (AI) advancements. The article reviews occupations that are often cited as being highly vulnerable to substitution by robots and AI. It compares the projected growth of these occupations from 2019 to 2029 with their growth between 2008 and 2018. The analysis also includes a comparison with projections from a decade earlier and examines the growth of these occupations from 1999 to 2009. The article aims to determine whether these specific occupations are shrinking rapidly and to assess the accuracy of projections. The BLS acknowledges the importance of specific occupational examples in understanding general employment trends but also highlights the limitations and potential issues with using individual occupations as representative examples(*Growth Trends for Selected Occupations Considered at Risk from Automation : Monthly Labor Review: U.S. Bureau of Labor Statistics*, n.d.).

Shortly, AI will continue to replace more jobs as AI cannot stop evolving itself.

According to (*How Will Artificial Intelligence Affect Jobs 2024-2030 | Nexford University*, n.d.), below are the findings.

* Researchers from the University of Pennsylvania and OpenAI found some educated white-collar workers earning up to $80,000 a year are the most likely to be affected by workforce automation.
* [Forbes](https://www.forbes.com/sites/ariannajohnson/2023/03/30/which-jobs-will-ai-replace-these-4-industries-will-be-heavily-impacted/?sh=4b7d49235957) also says that According to an MIT and Boston University report, AI will replace as many as two million manufacturing workers by 2025.
* A study by the [McKinsey Global Institute](https://www.semanticscholar.org/paper/d44b651ee25cd6f8717a9b049d2f2e0de8a965f5) reports that by 2030, at least 14% of employees globally could need to change their careers due to digitization, robotics, and AI advancements

When discussing the impact of AI on job losses, likely, AI will eventually lead to global job losses. The U.S. Bureau of Labor Statistics (BLS) argues that while certain occupations may be vulnerable to automation, the actual job losses due to AI and advanced robotics have primarily affected occupations that were already susceptible to other factors like offshoring and previous waves of computing technology (*Which US Workers Are Exposed to AI in Their Jobs? | Pew Research Center*, n.d.) .

There is a historical concern about the potential displacement of jobs caused by AI and robotics. The BLS article examines occupations commonly cited as highly vulnerable to substitution by AI and robots. It compares the projected growth of these occupations from 2019 to 2029 with their growth between 2008 and 2018. The analysis also includes a comparison with projections from a decade earlier and examines growth from 1999 to 2009. The aim is to assess the accuracy of these projections and determine if the mentioned occupations are rapidly shrinking. The BLS acknowledges the importance of specific examples but highlights the limitations of using individual occupations as representatives (*Growth Trends for Selected Occupations Considered at Risk from Automation : Monthly Labor Review: U.S. Bureau of Labor Statistics*, n.d.).

In summary, AI will continue to replace more jobs as it evolves. Research from the University of Pennsylvania and OpenAI suggests that educated white-collar workers earning up to $80,000 a year are most likely to be affected by automation (*How Will Artificial Intelligence Affect Jobs 2024-2030 | Nexford University*, n.d.), Additionally, MIT and Boston University report predicts that AI will replace up to two million manufacturing workers by 2025(*Which Jobs Will AI Replace? These 4 Industries Will Be Heavily Impacted*, n.d.)A study by the McKinsey Global Institute warns that by 2030, around 14% of employees globally may need to change careers due to digitization, robotics, and AI advancements ((*Generative AI and the Future of Work in America | McKinsey*, n.d.).These findings indicate that job losses are likely to occur due to AI, particularly in certain industries and occupations.

Reference

*Generative AI and the future of work in America | McKinsey*. (n.d.). Retrieved February 25, 2024, from https://www.mckinsey.com/mgi/our-research/generative-ai-and-the-future-of-work-in-america

*Growth trends for selected occupations considered at risk from automation : Monthly Labor Review: U.S. Bureau of Labor Statistics*. (n.d.). Retrieved February 25, 2024, from https://www.bls.gov/opub/mlr/2022/article/growth-trends-for-selected-occupations-considered-at-risk-from-automation.htm

*How Will Artificial Intelligence Affect Jobs 2024-2030 | Nexford University*. (n.d.). Retrieved February 25, 2024, from https://www.nexford.edu/insights/how-will-ai-affect-jobs

*Which Jobs Will AI Replace? These 4 Industries Will Be Heavily Impacted*. (n.d.). Retrieved February 25, 2024, from https://www.forbes.com/sites/ariannajohnson/2023/03/30/which-jobs-will-ai-replace-these-4-industries-will-be-heavily-impacted/?sh=438fbb865957

*Which US workers are exposed to AI in their jobs? | Pew Research Center*. (n.d.). Retrieved February 25, 2024, from https://www.pewresearch.org/social-trends/2023/07/26/which-u-s-workers-are-more-exposed-to-ai-on-their-jobs/