**DS\_517 – AI Ethics**

**Assignment\_1**

Instructions:

1. Please use a Word or Google document and answer each question with three to four sentences max (Avoid using GPT as you will be given zero marks) – You can research on the internet and add your citations in the answers
2. Please send the assignment to [professoraruprdas@gmail.com](mailto:professoraruprdas@gmail.com)
3. Please use the following naming convention – **Assignment\_1\_YourName\_DS\_517\_Fall\_2024**
4. The pdf for the article is in the assignment folder

**Assignment 1: AI Ethics and Algorithmic Inequality**

Based on the article *"Algorithms Are Making Economic Inequality Worse"* by Mike Walsh, answer the following questions. Your responses should critically engage with the material and incorporate additional research or real-world examples where appropriate.

**Questions:**

1. **Algorithmic Management**: How does algorithmic management contribute to economic inequality in the workforce? Provide examples from the article and discuss potential solutions to mitigate these effects.
2. **Bias and Discrimination**: What are some inherent risks of bias and discrimination when organizations rely on AI and algorithms for managing tasks? Can these risks be eliminated? Why or why not?
3. **The Future of Work**: Considering Walsh's discussion of the "algorithmic inequality trap," how do you see work evolving for those managed by algorithms versus those who design and own the systems? How can companies ensure fair opportunities for both groups?
4. **Ethical Implications**: Reflect on the ethical responsibilities of companies using AI in managing their workforce. Should businesses be held accountable for the inequalities exacerbated by their use of AI? Why or why not?

**Rubric for Grading:**

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**Total: 100 Points**

This assignment encourages critical thinking about the ethical implications of AI and algorithms in the workforce, preparing students to consider these real-world issues.