SIT799 Human Aligned Artificial Intelligence

Credit Task 1.4: AI in Popular Culture

Overview

In the first week, you have delved into topics such as AI, the intersection of AI and society, the limitations of AI, and the societal perceptions of AI.

The objective of this assignment is to explore the portrayal of artificial intelligence (AI) in popular culture and critically analyze its societal impact. You will select a movie, TV show, or book that prominently features AI and examine how these representations shape public perception and expectations of AI.

To complete this assignment, you need to refer back to Week 1 lecture material.

Submission Details

Submit a report to OnTrack following these Instructions:
- Select a Movie, TV Show, or Book: Choose a popular piece of media that prominently features AI. It can be a science fiction film, TV series, or a novel. Ensure that the chosen media provides substantial content related to AI and its societal implications.
- Watch/Read the Chosen Media: Engage with the chosen media by watching the film/series or reading the book carefully. Take notes on the various instances where AI is portrayed, its characteristics, and the interactions between AI and human characters.
- Analyze AI Portrayal: Write a critical analysis of how AI is portrayed in the chosen media. Consider the following aspects in your analysis:
  - **AI Representation:** Describe the characteristics and capabilities of AI in the media. How is AI depicted? Is it portrayed as a benevolent or malevolent force? Does it possess human-like emotions or consciousness? Analyze the AI's physical appearance, behavior, and abilities.
  - **AI-Human Interactions:** Examine the interactions between AI and human characters. How do the human characters perceive and interact with AI? Does AI challenge human values or social norms? Assess the dynamics and power relationships between AI and humans.
  - **Societal Impact:** Discuss the societal impact of the AI portrayal. How does the media representation of AI influence public perception and expectations of AI in the real world? Consider how these depictions shape public understanding, fears, and hopes regarding AI technologies.
- Comparative Analysis: Compare the portrayal of AI in the chosen media with real-world AI technologies and developments. Identify similarities and differences

between the fictional AI and the current state of AI in society. Evaluate the accuracy and realism of the media representation, considering technological advancements and limitations.

Constraints

The submitted report should not exceed **800 words** in length. The report should have a **high-quality writing style**.