SIT799 Human Aligned Artificial Intelligence

Pass Task 1.1: Case study for AI and Society

Overview

During week 1, you have explored AI, AI and Society, the Limitations of AI, and what are AI Values and Alignment. We have also provided you examples of what is a realistic view of AI.

In this task you need to find out a case study about an AI-based application that you can develop to solve a particular problem, describe why you think it is a realistic AI application, and how its goal and outputs can be aligned with the human values. This will help you to understand and reflect on why we need to think about moral considerations during the development process of any AI application.

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

Submission Details

For this task you need to provide a case study about an AI application that you can develop to solve a particular real-world problem – for example, an AI application that can help to overcome the current pandemic COVID-19 situation – and submit a report to OnTrack that outlines the following points:

- A discussion on the application of AI in that tool.
- A discussion on why you think it is a realistic application of AI.
- A discussion on what are the moral considerations that you need to consider during the development process of that AI-based tool.
- A discussion on how you can guarantee that the outputs of this AI-based tool will be aligned with these moral considerations.

Constraints

The submitted report should not exceed **600 words** in length. The report should have a **high-quality writing style**.