SIT799 Human Aligned Artificial Intelligence

High Distinction Task 3.2: Discrimination and Bias in NLP

Overview

During week 3, you have been introduced to: what is Bias and discrimination in AI; Examples of AI bias and discrimination; A set of possible causes that lead AI algorithms to learn unhealthy stereotypes; Some solutions to fight bias and discrimination in AI. To better understand bias and discrimination in AI, in this assignment, we will look at a Natural Language Processing use case.

To complete this assignment, you need to refer back to Week 3 lecture material.

Requirements

It is required to use Python 3.9. Please install the packages provided in the **requriments.txt** file as follows:

```
> virtualenv python3.9_task_3.2HD
> source python3.9_task_3.2HD/bin/activate
> pip install -r requirements.txt
```

Submission Details

Convert the Jupyter Notebook to a **PDF** and submit that document. You may have to install pandoc to convert a Jupyter Notebook to a PDF document:

http://pandoc.org/installing.html

Instructions

Download the Jupyter Notebook from the task resources and complete all the tasks.