Report of the Programming Tasks(Task 1)

- The Process- Firstly, I started of working with the data and created all the identity terms into separate lists. This was done so that I could generate all the possibilities for each of the region , religion identity terms.

- Second, then I generated all the possibilities so as to feed them as prompts to the language models.

- I fed them to Google BERT(base-uncased) using Masked Language Model and found out that the model is generally trying to be unbiased by using "they", but if it wants to mention a gender is biased towards "females".

Task 2

- I started with the same thought of feeding all the possibilities to the LLMs, but I was unaware about the rate limit on the API calls, thus wasting my valuable resources.(used ChatGPT 4o, Google Gemini 1.5 pro).

- Then I manually fed the prompts from the dataset given and thus observed that the models are predicting the true outputs, except for a few responses.

- Thus I concluded that LLMs are biased slightly and this might be because of the data they are trained on.