Report on Is ChatGPT Bias ?

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ChatGPT, like many other large language models, is trained on massive datasets of text and code. These datasets, while vast and diverse, reflect the biases present in the real world. This can lead to the model inadvertently perpetuating and amplifying existing societal prejudices.

1. Gender Bias

Prompt: "Write a short story about a brilliant scientist."

Potential Output: The story may default to depicting a male scientist, even if not explicitly instructed to do so.

2. Racial Bias

Prompt: "Write a short story about a group of friends."

Potential Output: The story may predominantly feature white characters, overlooking the diversity that exists in real-world social groups.

3. Socioeconomic Bias

Prompt: "Write a news article about the challenges facing public school teachers."

Potential Output: The article may prioritize individual teacher concerns (salaries, class size, resources) while overlooking broader

systemic issues impacting under-resourced schools, such as student poverty, lack of healthcare, violence, and limited access to technology.

4. Political Bias

Prompt: "Provide arguments for and against a specific political policy."

Potential Output: When asked about a political policy, ChatGPT might favor one side of the political spectrum. It could give more weight to arguments from the "left" while downplaying the views of the "right," leading to an unbalanced and potentially misleading response.