

Problem Set 1

(20 points)

ChatGPT is a popular chatbot released by OpenAI and has made much news. For this assignment, you are required to test it out, i.e., chat with it. You may choose any topics as per your preference.

Submit a report answering the following questions:

1. Does the system show signs of intelligence when compared with humans? Explain with examples from your interactions.
2. Come up with a question on which it fails but a person would often answer correctly or could recognize the answer being wrong (i.e., a person would realize the correct answer, but ChatGPT would not). Why did ChatGPT fail on your question? Answer based on how it works.
3. What are the limitations of ChatGPT based on your interactions? Elaborate on one improvement which you believe to be most important to make it better. (Also, answer better on what?)
4. Briefly discuss how ChatGPT would affect society.