Writing assignment & Jupyter python workshop

1. **(A)** Ask chatGPT to write a 250-word summary of the state of knowledge of the topic covered. Prompt it to address the points under (5) below. **(B)** Then, write a one-page summary (single space, 12pt, one-page limit does not include the chatGPT text) using the following guidelines, **including an explicit criticism/endorsement of chatGPT's summary based on what we covered in class**.

2. Your *target audience: the President's science adviser*, a scientist but not a climate scientist.

3. Write based on material covered in class, workshop results, the guiding questions, and your research.

4. Introduce the issue and the motivation, discuss any changes observed so far, the worst case scenario for 2100, uncertainty, and the mechanisms/ feedbacks that take place or are expected to take place so that the adviser can understand the reason for the observed/expected changes.

5. Discuss strengths, weaknesses & uncertainty of available observations, analyses & predictions

6. In answering 5&6, use the guiding questions as needed; don't restrict yourself to them. Think broadly.

7. You may use technical terms after defining them. It is OK to use standard statistical terminology.

8. Conclude with a brief reasoned statement of the position you personally recommend the adviser take in public presentations on this issue.

9. **Submit two PDF files with writing and Jupyter workshop solution notebook (all cells evaluated in order, downloaded as pdf) via GradeScope by Wednesday at 2 pm.**