The project idea is to analyze the AI use case inventory published by the us government, using intermediate to advanced level of python and chat gpt’s api. The idea of the project is to:

1. Provide a summary of what policy actions have been taken to monitor AI development, mitigate risks and provide transparency on government AI usage. Provide summary using chat gpt’s AI analysis of the pdfs I have.
2. Analyze the use case inventory public by the public federal agencies. Go through the purpose of AI usage, categorize the uses, and test the compliance with the executive orders identified in section A.
3. This section tests chat gpt’s response to different prompts, but that ask the same question in the core. I will then compare these answers to the baseline, and will make a conclusion of what is chat gpt’s wrong margin, depending on how you phrase the prompt.
4. Given the conclusion from section B, I will then relate that to the conclusions from section C and see if there are opportunities to expand AI usage or to restrict it.

The documents and links used for this project are:

Use case inventory: 2023 Consolidated AI Use Case Inventory (PUBLIC).csv

Administration Takes New Steps to Advance Responsible Artificial Intelligence Research, Development, and Deployment: <https://www.whitehouse.gov/briefing-room/statements-releases/2023/05/23/fact-sheet-biden-harris-administration-takes-new-steps-to-advance-responsible-artificial-intelligence-research-development-and-deployment/>

Executive Order Advancing Governance, Innovation, and Risk Management for Agency Use of AI: EO-risk-mitigation.pdf

Executive Order Promoting the Use of Trustworthy Artificial Intelligence in the Federal Government: EO-transparency.pdf

Api key: sk-proj-XXfuVD0krWVcxJBNorltT3BlbkFJXGrYbcxhcjldnmAo79hp