The Age of Artificial Intelligence:
Implications for the U.S. Economy and Government

The House Budget Committee recognizes the need to **develop a foundational understanding** of the capabilities of Artificial Intelligence (AI) to foster deeper discussions on how AI can be harnessed to **unleash economic growth, improve government operations and reduce the federal deficit.**

AI SOLUTION: Because AI can be trained on specific data and automate time consuming tasks, this technology has the potential to stimulate economic growth by increasing productivity. **There is the potential for a $4.5 trillion deficit reduction over 10-years.**

AI can **increase economic output, productivity, and cut back on waste fraud and abuse in the federal government.** In the private sector, AI is already augmenting the workforce and increasing productivity at the firm level. **Leveraging AI could be a game changer for both the American economy and the federal government.**

AI tasks include a variety of intelligent cognitive functions such as:

- Learning from experience (machine learning)
- Understanding natural language and communication skills
- Recognizing patterns
- Reasoning
- Problem solving
- Making decisions
- Interacting with the environment
- Making predictions and recommendations based on data

PREPARING FOR THE FUTURE

AI can empower government agencies by automating labor-intensive tasks, streamlining analysis and providing insights to help guide decision making. **The manifold uses of AI will lead to a more streamlined government that saves the taxpayer dollar**. This new technology does have its risks but the government, internally and in conjunction with the private sector, is building systems to ensure these risks are mitigated and the rights and benefits of the U.S. Citizens are protected.