In the Age of AI (1 hour, 54 min)

Frontline: https://www.pbs.org/wgbh/frontline/film/in-the-age-of-ai/
YouTube link: https://www.youtube.com/watch?v=5dZ_lvDgevk

1) What is AI? What is 'deep learning'?
2) What does it mean to say there are AI superpowers?
3) How does China's population size give it an advantage in developing AI?
4) What, according to the film, is the potential impact of AI and automation on a) the U.S. economy and b) social life in the US?
5) How does AI deepen inequality?
6) What is surveillance capitalism? How does AI help to create wealth?
   a. Dr. Zuboff says, roughly, "you think you are using social media, but it is using you." What does that mean?
   b. How is machine learning used to predict user interests, and how did Google monetize that?
   c. How has Facebook used data to generate money? What is behavioral prediction monetarily valuable?
   d. How has Facebook influenced behaviors?
7) AI is currently used mostly to generate wealth for a small group of people. How else might it be used?
8) Discuss the potential impact of AI on governance.
9) Should the US government do more to regulate the use of AI? If so, how?
   a. What do you think of the "right to know, right to say no" effort in California?
10) What is the "surveillance state"?
    a. How has China used AI to surveil the ethnic minority Uyghur population?
    b. China has exported AI technology through the 'belt and road' initiative. What concerns does the film express about this move?
11) Kai-Fu Lee calls the U.S. and China "AI Superpowers."
    a. What is China gaining by sharing AI with some countries in the global South?
    b. What are the drawbacks or dangers of framing the relationship as one of "superpowers" competing for control?
    c. Should U.S. and Chinese companies collaborate? Why or why not?
12) Given AI's prevalence in our personal lives, commercial interactions, and government, how do we make data collection and use more transparent?
13) What privacy should people have? Why?
14) Is democracy threatened by AI? If so, how? How should we respond?