HEALTH CARE:

- Muscoskeletal issues
- Emotional problems
- Mental issues
- Sleep disorders
- Increased Patient data breaches:
  - ➢ According to a report by department of health and human services in 2022, about a 45 million people's health related data has been breached
- Erosion of doctor-patient relationships:
  - ➢ Studies from American research shows that doctors are spending over 27% of their time on paperwork rather than with patients
- Over reliance on AI:
  - ➢ A 2020 report by STAT found that AI diagnostic tools were only 75 to 80% accurate, with potential for misdiagnosis
- High cost of medical devices:
  - ➢ According to a study in 2020, due to induction of robotic systems, the cost of surgeries have been increased over by $2000, which would be difficult for a middle class person to bear.

SPACE :

- Space debris:
  - ➢ As of today, there are already 6300 tons of debris in orbit
- Rocket and satellite launch and its impact on environment:
  - ➢ According to a report by NASA in 2023, on an average around 1500 satellites are being launched into space every year.
  - ➢ These satellites are launched through rockets, which in turn release lot more carbon emissions and black carbon.
- Commercialization of space:
  - ➢ Companies like SpaceX and Blue Origin have been focussing on profit driven missions that prioritize commercial gain over scientific advancements
- Overcrowded orbits and collision risks:
  - ➢ In July 2024, SpaceX had to adjust starlink satellites in order to avoid collisions with other debris.
- Weaponization of space:
  - ➢ The introduction of military into space, such as satellite capable of missile tracking, could destabilize international peace and security.
- In August 2024, a Chinese Long March 6A rocket broke apart in low earth orbit, creating over 700 pieces of debris. Such debris can stay in orbit for decades, posing potential risks to satellites and spacecrafts
- EXPLORING SPACE IS GOOD, BUT EXPLOITING IT WILL ITS OWN EFFECTS.
- My use of technology doesn't mean that its perfect or without flaws.
- Instead, I acknowledge that technology has both positive and negative impacts.
- My goal in highlighting the negative impacts is to aim for responsible development and use of technology in a conservative way.
- By recognizing its negative impacts, we can work towards minimizing them and making technology a more positive force in society.