AI and National Security

1. AI and how it is applied to national security is something that may change how we consider the

   use of AI.

   a. The defensive aspect. How it will be used to defend.

      i. AI training to not be fooled

      ii. AI training to be able to spot unusual behavior.

      iii. AI being used to try and find ways to safely denuclearize.

      iv. Potential for pattern prediction of subversive groups.

      v. Belief that AI should not be used for military or government surveillance.

   b. The offensive aspect. How AI can be used to attack.

      i. AI run off patterns, they can be decoded by observing behavior.

      ii. AI run off patterns, anything that has a pattern they can do, including following

          a hacker's pattern.

      iii. AI are good at data / information manipulation.

      iv. Better spearphisihing.

      v. Potential for use in military, from drone control, to missile guidance.

      vi. Potential for control over populace and anti government ideologies.

      vii. Potential for information warfare.

      viii. Dynamic or intelligent malware.

   c. Considerations. Neither good nor bad, but maybe gray.

      i. Pattern recognition and surveillance, goes both ways.

      ii. AI are only as good as the data they are trained on.

iii. Deciding on who is a subversive group could be manipulated to benefit the ruling party.

iv. AI vs AI larger AI tend to always win.

v. AI training for defensive systems can be difficult as it is hard to tell if the defense is good, or the attack is weak.

vi. Belief that AI should not be used for military or government surveillance.

vii. AI tend to be much faster at the tasks they are trained to do than humans.

viii.