AI for Social Good Part 2

AI for Conservation

- What social problem was addressed?
  - Protect endangered species from being killed and sold on the black market
  - Also protect the rangers
- How did AI help?
  - 1) Creating an algorithm (SMART) to predict areas with high poaching activity
  - 2) Create an algorithm to develop randomized patrol routes for the ranger (PAWS)
    - Create a random patrol route so that poachers don’t know where you will be with certainty
    - Also incorporate high likelihood areas for poachers
- Impact
  - Very effective
    - Reduces incidents of poaching
    - Found many traps
    - Lots of education on the ground to help locals understand how bad poaching was for the environment

AI for influence maximization for HIV education outreach

- What social problem was addressed?
  - HIV widespread in homeless youth. Need to find influencers to educate to spread the information
- How did AI help?
  - Help discover the most influential youth based on their social networks
Focused education on them.
Influencers were more trusted by their peers

- Impact
  - About 25% more teens were informed about the risks

- Comments
  - Are they attributing too much to the algorithm?
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