

# The Dark Secret at the Heart of AI

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- Applications
  - Siri, Google Assistant
  - Object classifications in photograph: i.e. Google Lens
  - Self-driving cars
- Neural Network
  - Shape, color, features to tell certain things
  - The more complex the image is: the harder for developer to tell why program created the certain output
- NVIDIA's Self Driving Cars
  - Does not follow any instructions
  - Learns how to drive by looking at how normal people drive everyday
  - Concerns: not sure how car made decision
    - what if one day it makes a bad decision: stops somewhere
    - Neural network so complicated
- AI on Medical Field
  - Mount Sinai Hospital, New York
  - Trained using 700,00 indiv data
  - Better than existing methods
  - Works well on predicting psychiatric disorders