

Fact Checking

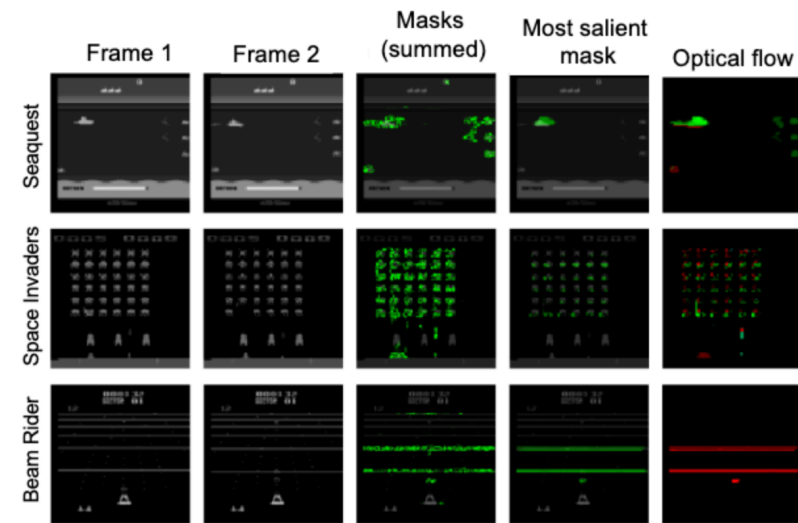
- Problem: Estimated that people will see more fake than real news by 2022
- Data: Google Fact Check research dataset
- Input: Claim + Supporting evidence
- Output: True / Partly True / Not True

Supporting Evidence

- Problem: It is hard to verify text is legitimate if it is missing in text citations
- Data:
 - Academic Papers
 - News websites such as theconversation.com
- Input: A news article / paper / essay
- Output: The locations where citations are needed (classification) and what should be cited (recommendation)

Playing Video Games

- Problem: RL algorithms learn to play games very slowly
- Solution: Encode human priors to speed up learning
- Future research ideas:
 - Physics-based dynamics
 - 3D environments
 - Object-Oriented RL



Unsupervised Video Object Segmentation
for Deep Reinforcement Learning
Goel, Weng, Poupart (NeurIPS 2018)