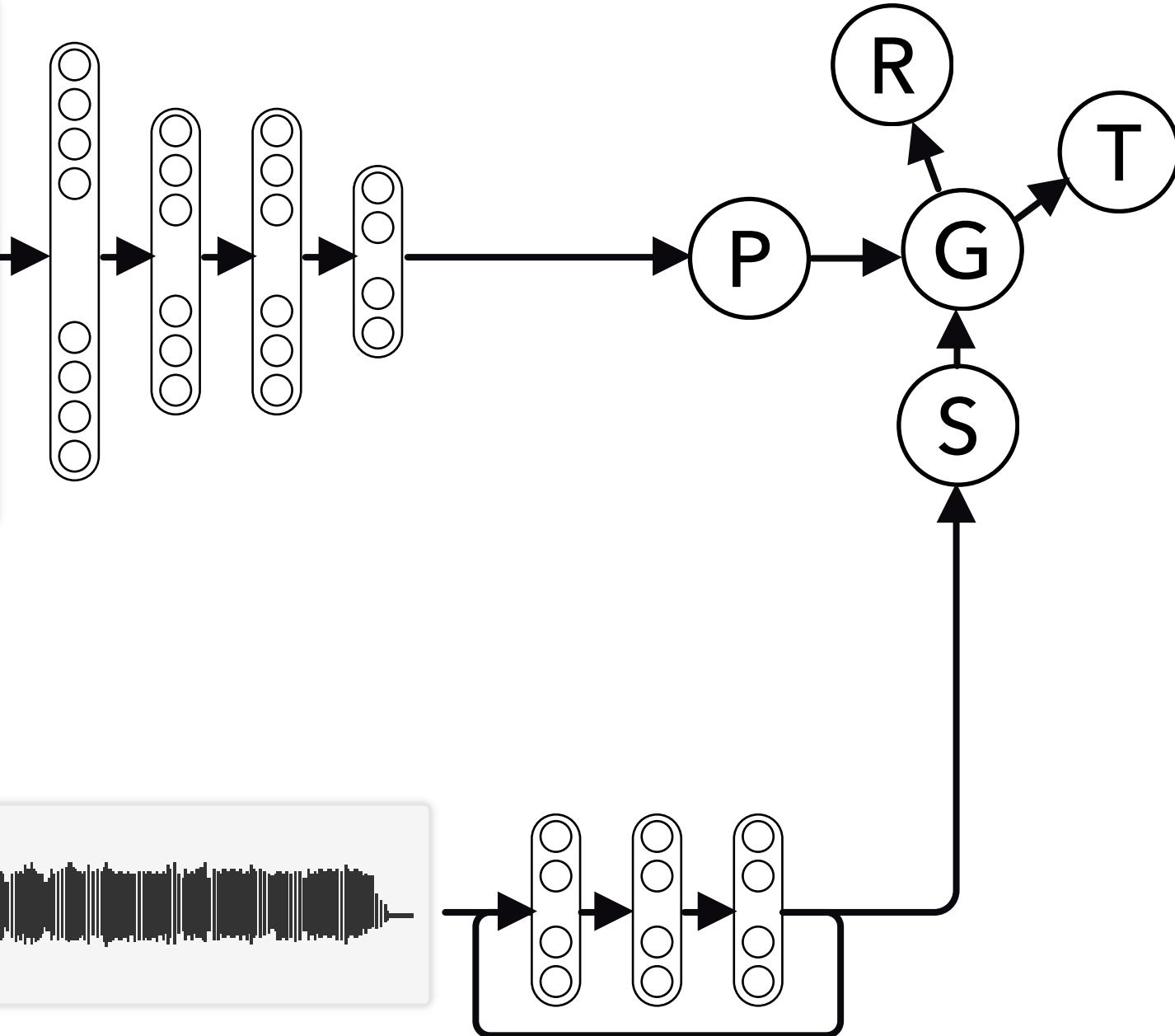
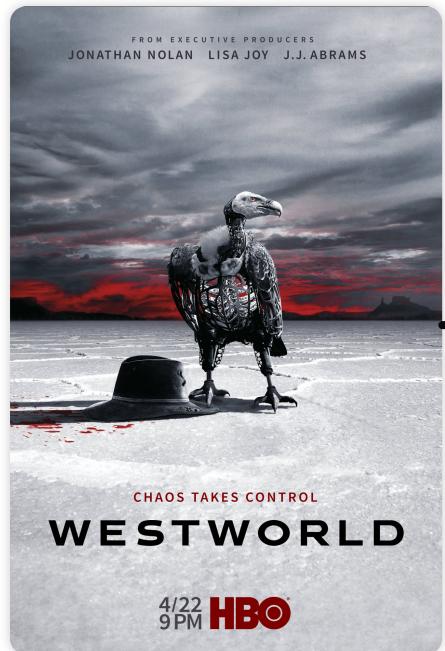
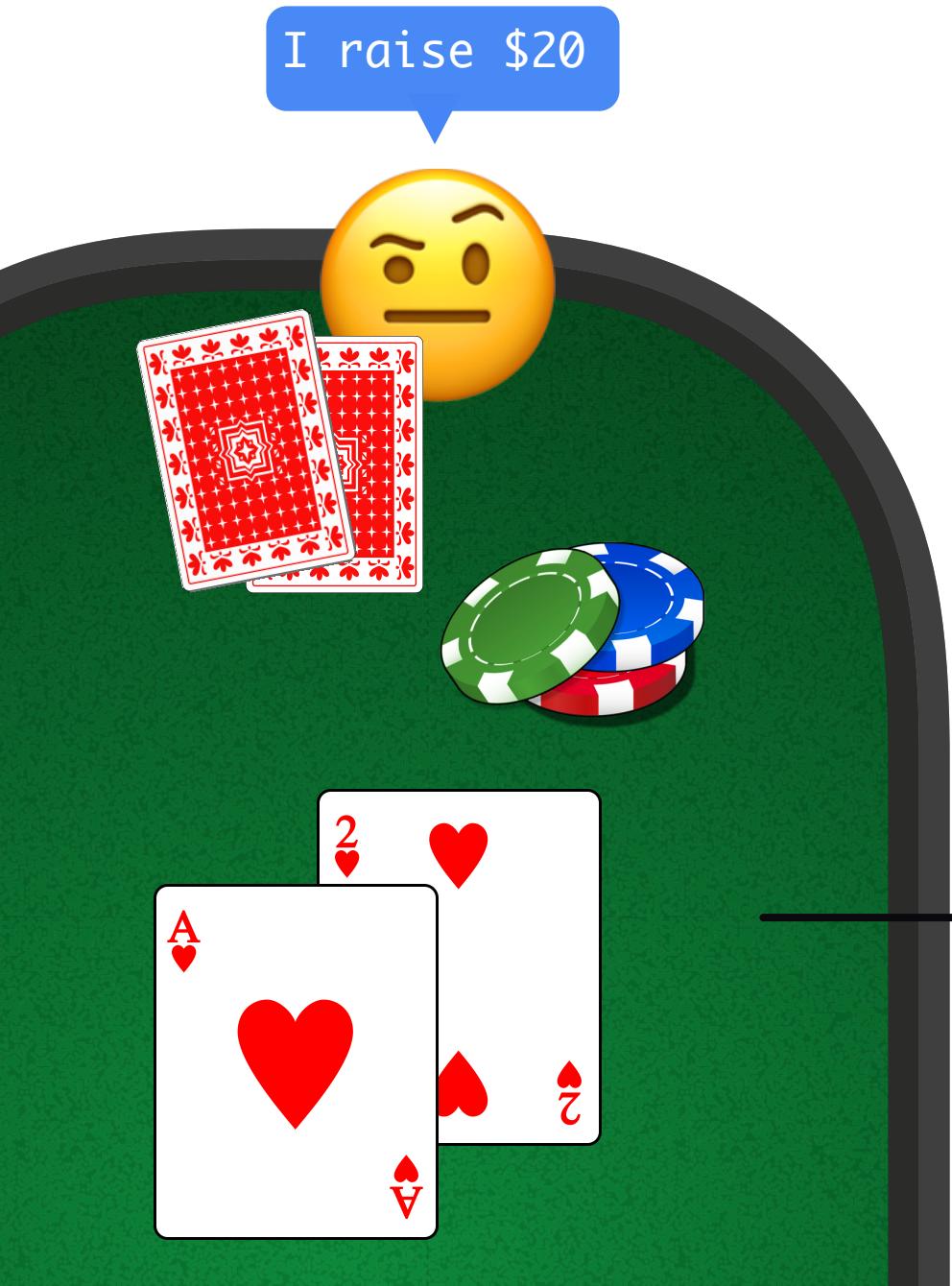


Bayesian Deep Learning



Overview



Challenges

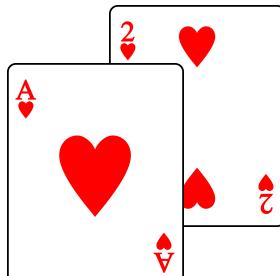
Deep Learning



Estimating level of confidence

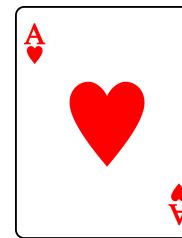


Understanding oponent's actions



Knowing what cards I am holding

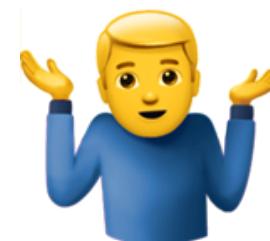
Causal Inference



What do these cards even mean?

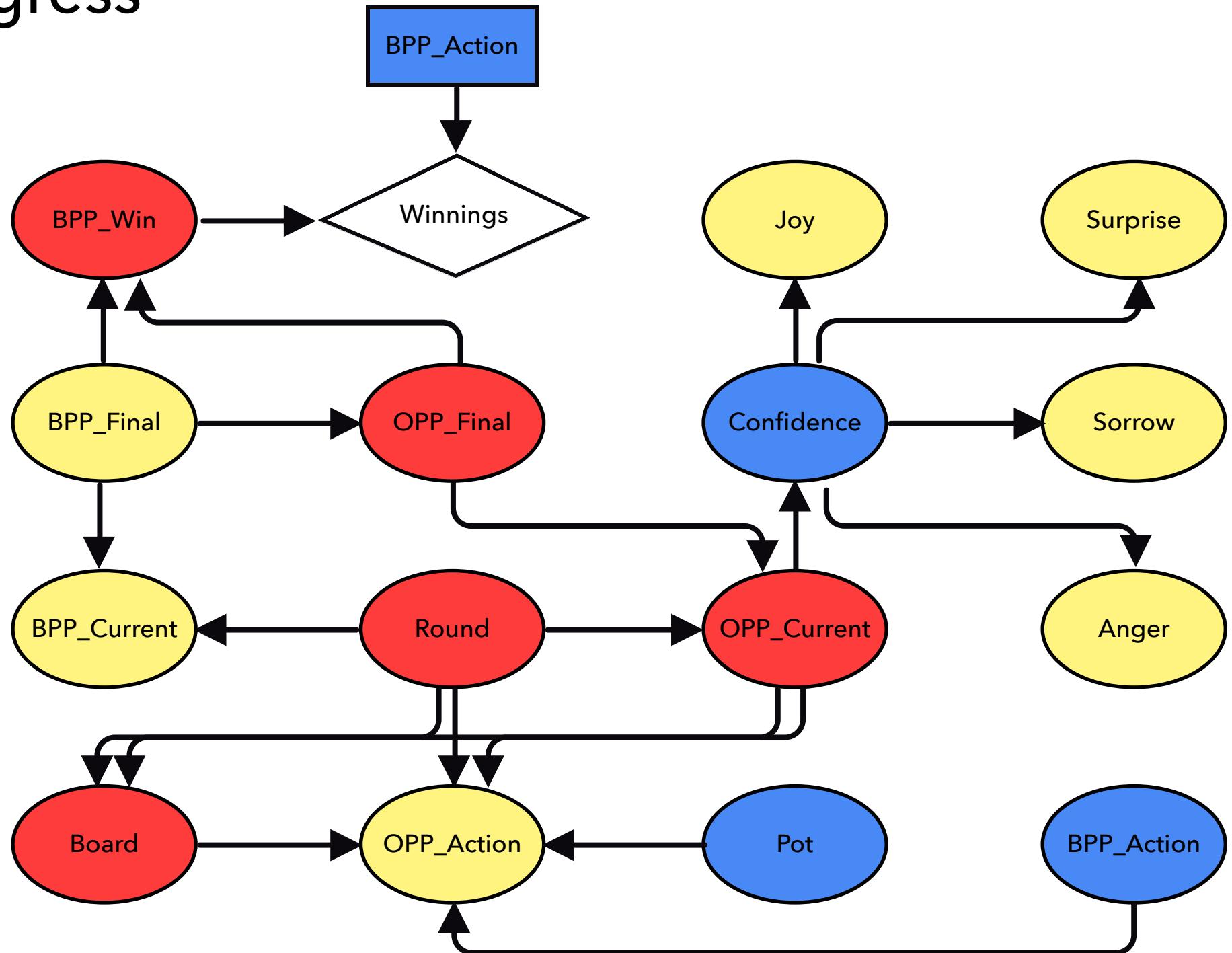


What my oponent's actions say about their hand?



What action will maximize my profit?

Progress



Futre Work

The image shows a poker application interface. At the top left are three colored window control buttons (red, yellow, green). Below them are three rounded rectangular buttons: 'REACTION' with a person icon, 'ACTION' with a play/cross icon, and 'CARDS' with a deck of cards icon. In the center is a video feed of a poker player at a table. A dashed rectangular box highlights a portion of the table where two cards are visible: a three of spades and a seven of hearts. To the right of the video is a callout bubble containing the text 'Raise \$20'. At the bottom right is another callout bubble containing the text 'Opponent's confidence: 91%'.

REACTION

ACTION

CARDS

Raise \$20

Opponent's confidence: 91%