

3rd Sprint Review

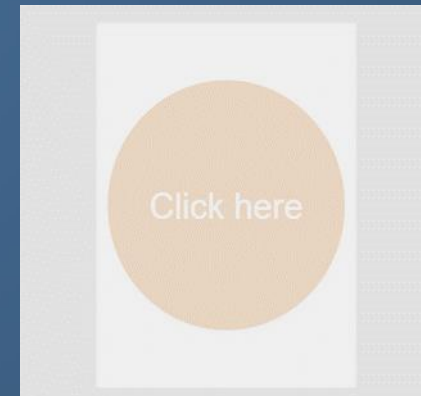
Dat O

What I wanted to accomplish

- To familiarize myself with JavaScript and learn to code the visuals aspect of the program
- Discover more cases of AI using natural selection to get the best genes for certain cases
- Having a specific scenario selected for the program

Research so far

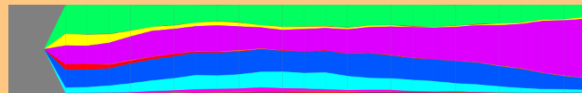
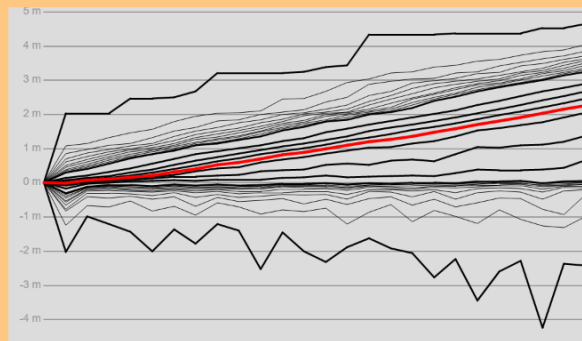
- I have a basic understanding of the JavaScript Language
- I have seen multiple simulations of programs going through multiple iterations to find the best machine for a certain task
- Started to learn about neural networks and thought about implementing a very basic one.



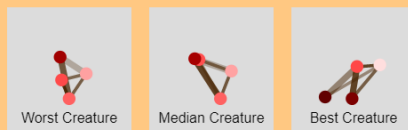
Research so far

Generation 25

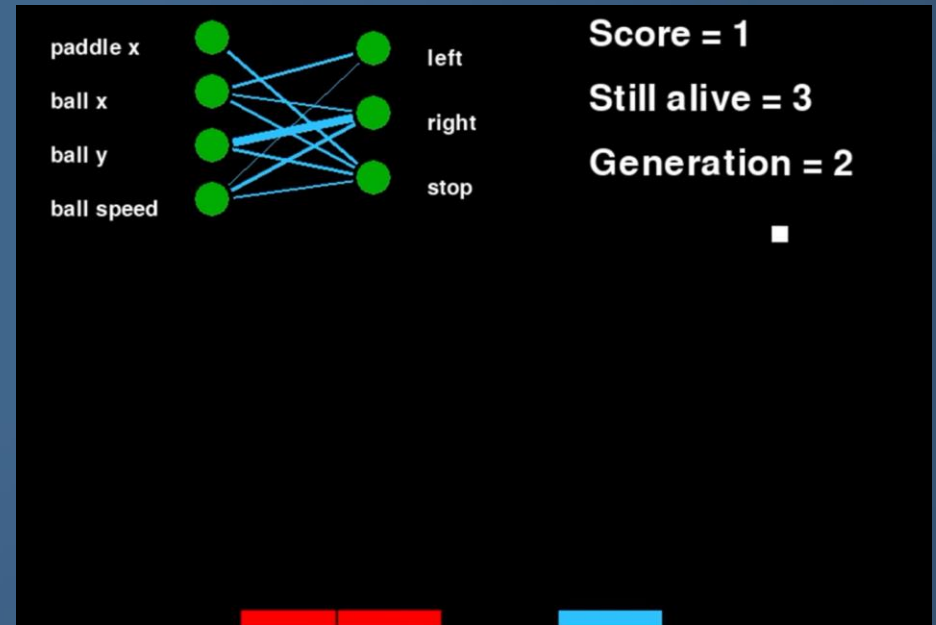
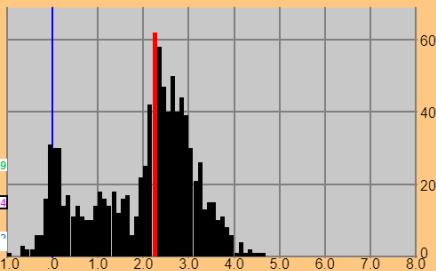
Median Distance 2.269 m



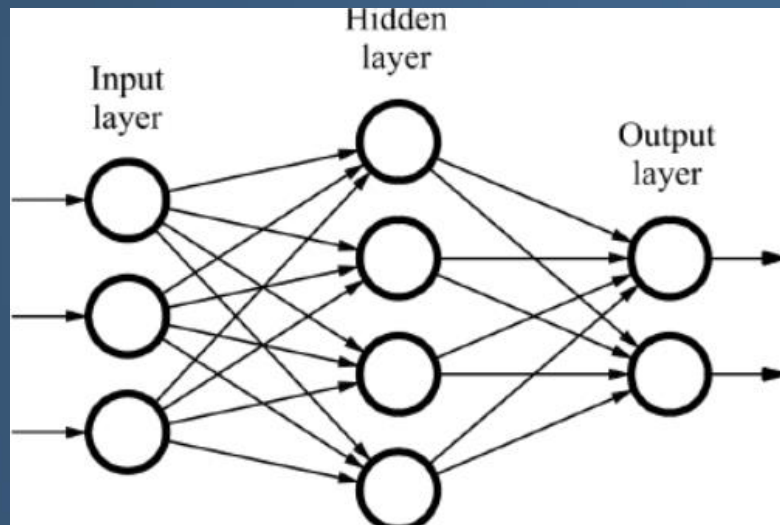
Do 1 step-by-step generation.
Do 1 quick generation.
Do 1 gen ASAP. Do gens ALAP.



25



What to accomplish next?



Try to implement a neural network use the genetic algorithm to help it evolve.

To create an evolutionary baseball simulation, focusing on the batter and their stats: accuracy, hitting speed, running speed, swinging power, etc.

To ultimately see if I can make a working prototype before the final presentation.

