

Horse Racing Simulator



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Concept

Two Main Modes:

Create Horses / Random Horses:

- User gives a 1-8 rating for speed, consistency, and endurance
 - Can be randomized
- Odds are based off race simulations determined by these ratings

Real Horses:

- User enters real horse names
- Odds are based off race simulations determined by the horses' past times

Purpose

“Smart” Betting (Lose Less Money)

Create Horses / Random Horses:

- Assess betting strategies by comparing odds with race simulation results
- **Ex:** If the fourth favorite horse has 16-1 odds is it a good idea to bet on it to show? How often does it happen?

Real Horses:

- Get a new set of odds based on past data
- Compare the simulator's odds with the real odds and make informed decisions

Next Steps

- Include more information on real horses
- Show betting advice along with odds
- Validate simulations