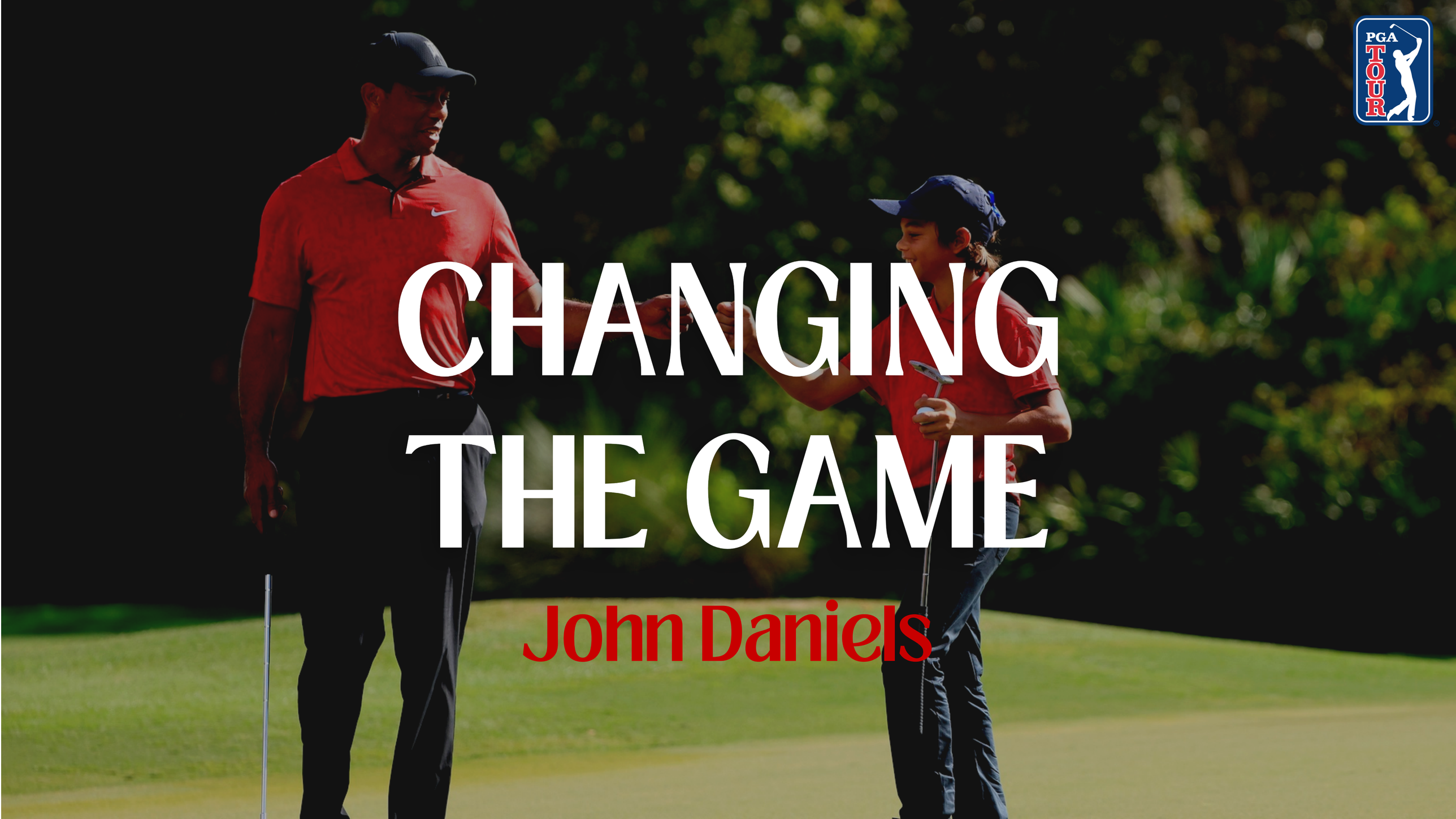
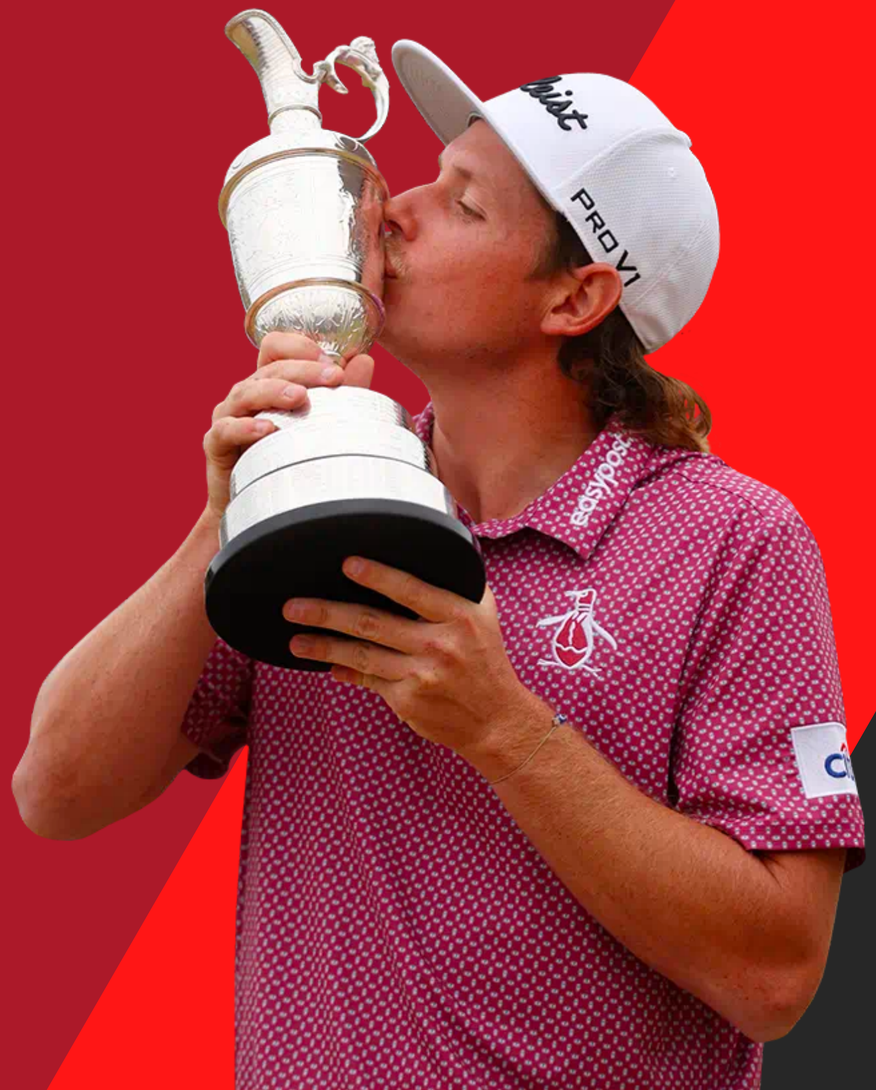

CHANGING
THE GAME
John Daniels

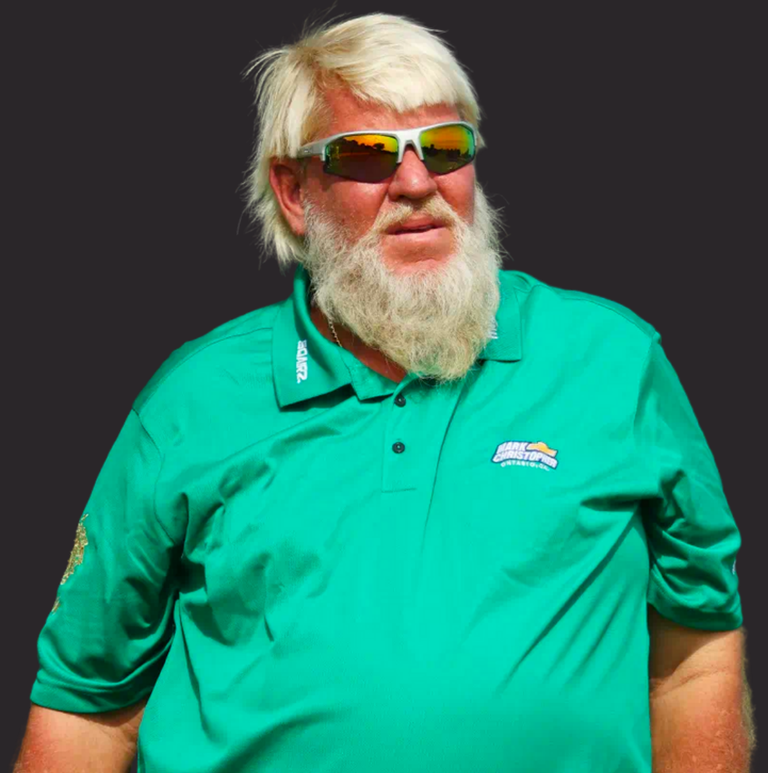


THE PROBLEM

- Predict scoring average using PGA TOUR statistics

- Analyze which statistics lower scoring average the most

OUTLINE



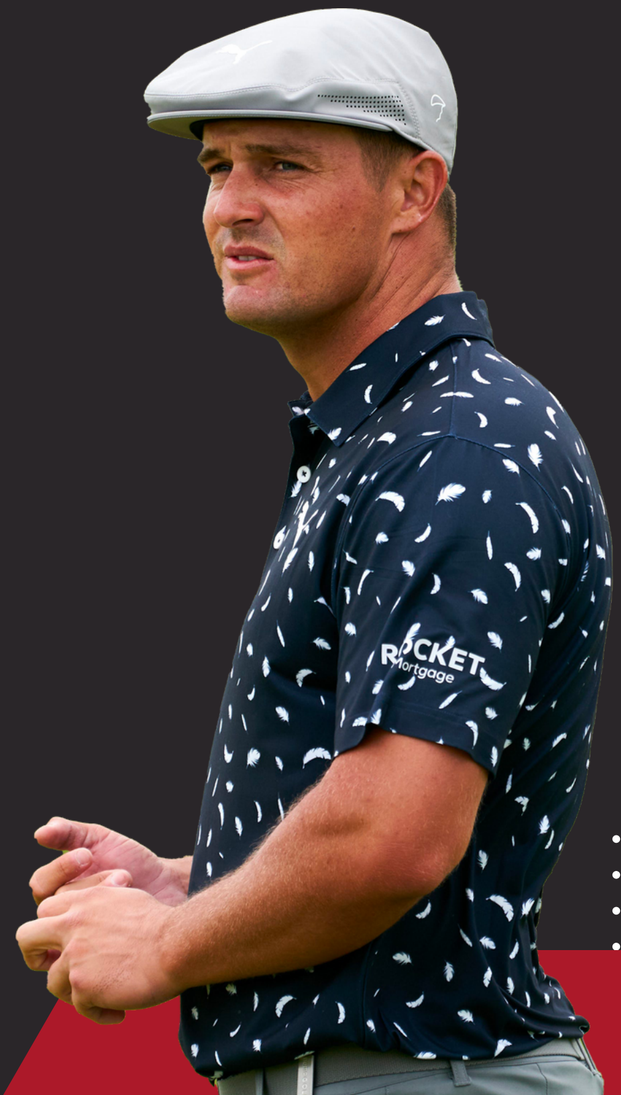
1. The Data
2. The Model
3. Example
4. Discoveries
5. Conclusions
6. Future Plans

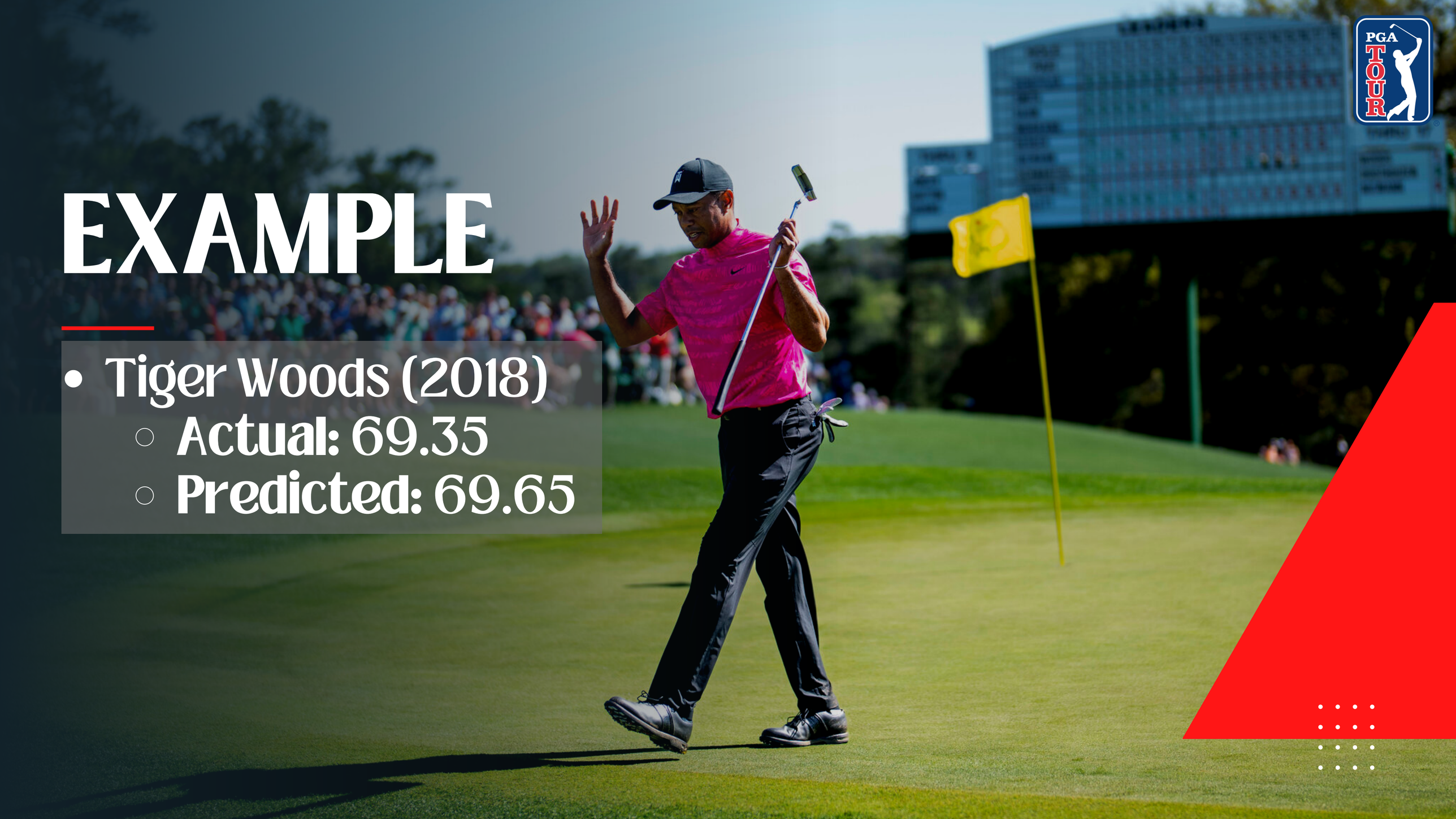
THE DATA

- 2600 rows, web scraped from pgatour.com
- 18 statistical variables
- Ex: Scoring Average, Driving Distance, Strokes Gained, Putting - Inside 10', etc.
- 2009-2022 (as of July 28)

THE MODEL

- Ridge Regression
- Helped fix problems in the data where all of the inputs were related to one other
- 93.3%
- 0.188
- Scoring Avg. ranged from 68.05-74.87





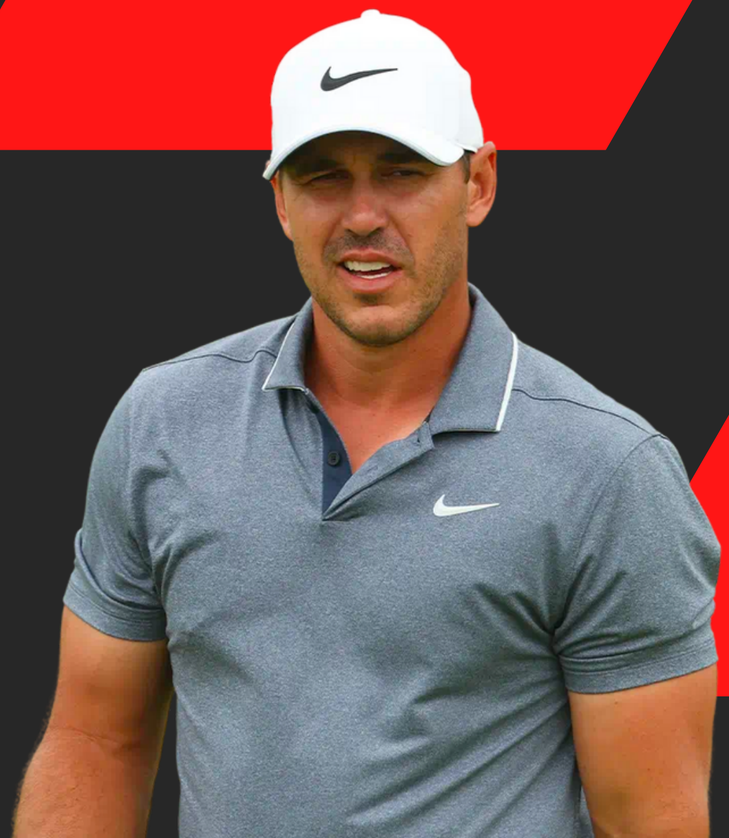
EXAMPLE

- Tiger Woods (2018)
  - **Actual:** 69.35
  - **Predicted:** 69.65

DISCOVERIES

Lowered Scoring Average :

- 2009-2022
  - Strokes Gained Tee to Green
  - Par 4
  - Driving Accuracy is not very affective
- 2022
  - Strokes Gained Putting
  - Par 5

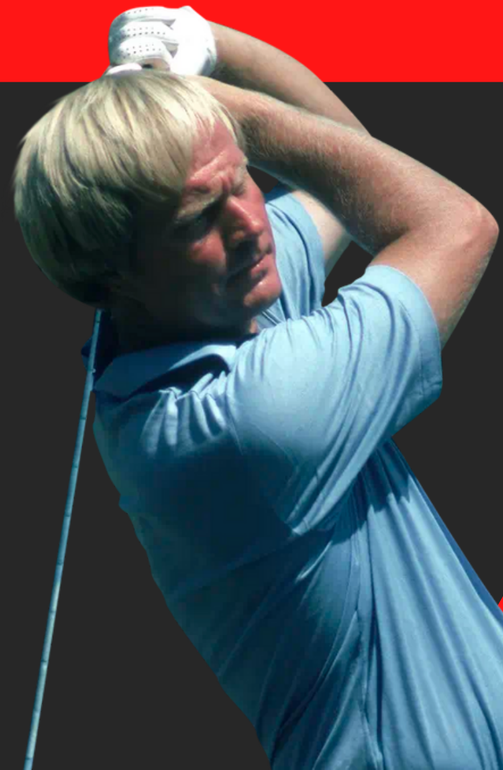


CONCLUSIONS

- Ballstriking has dominated the past decade, but putting is taking over

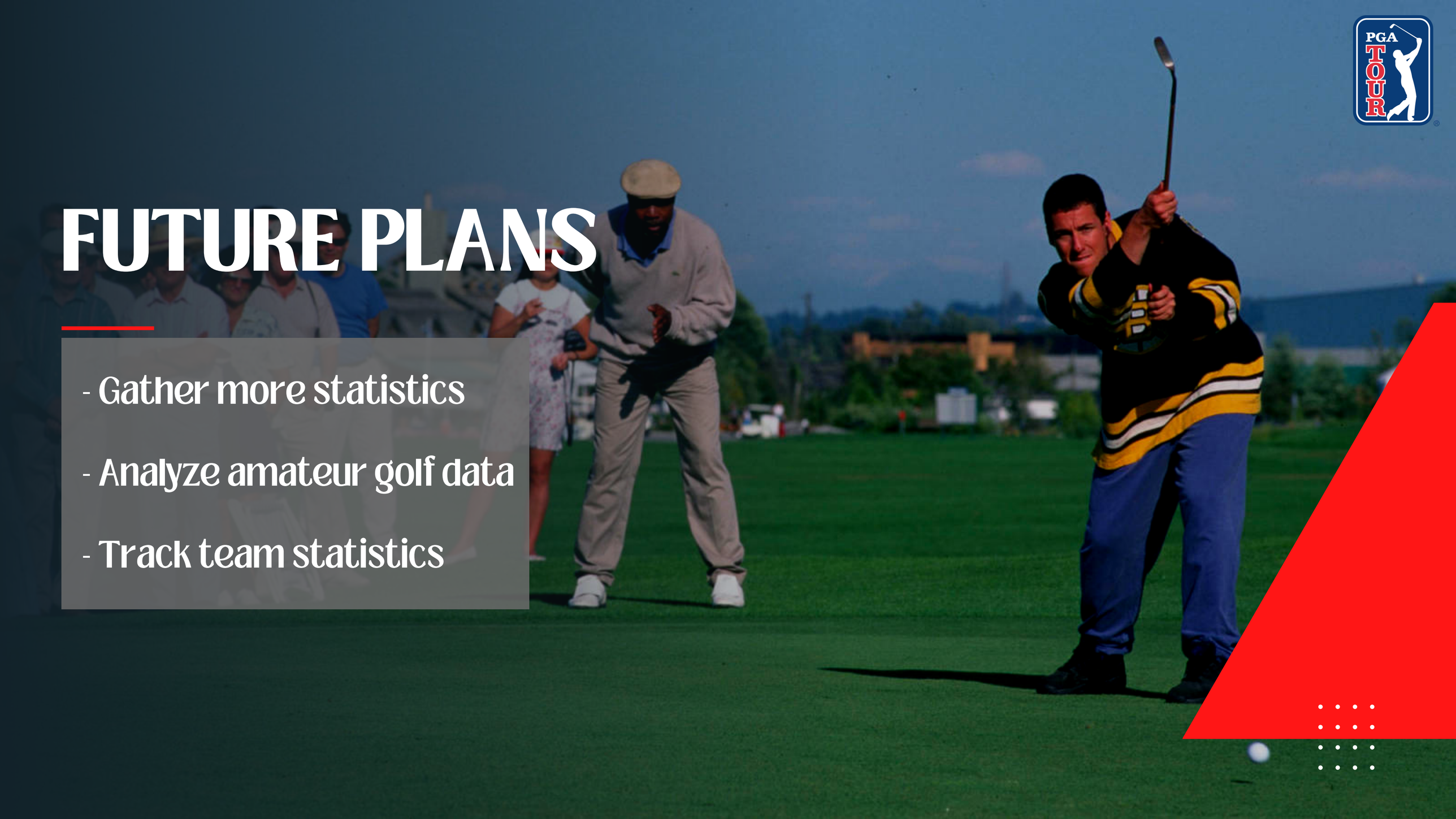
- These guys are really, really good

- If you're not on the PGA TOUR, work hard at all elements of your golf game and have fun!



FUTURE PLANS

- Gather more statistics
- Analyze amateur golf data
- Track team statistics



THANK YOU.

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