



PROFESSIONAL GOLF AND THE USGA BALL ROLLBACK

MSBR 70280 Data Wrangling
Final Project
Alex Heck

Agenda

Background

Analysis

Why does it matter?

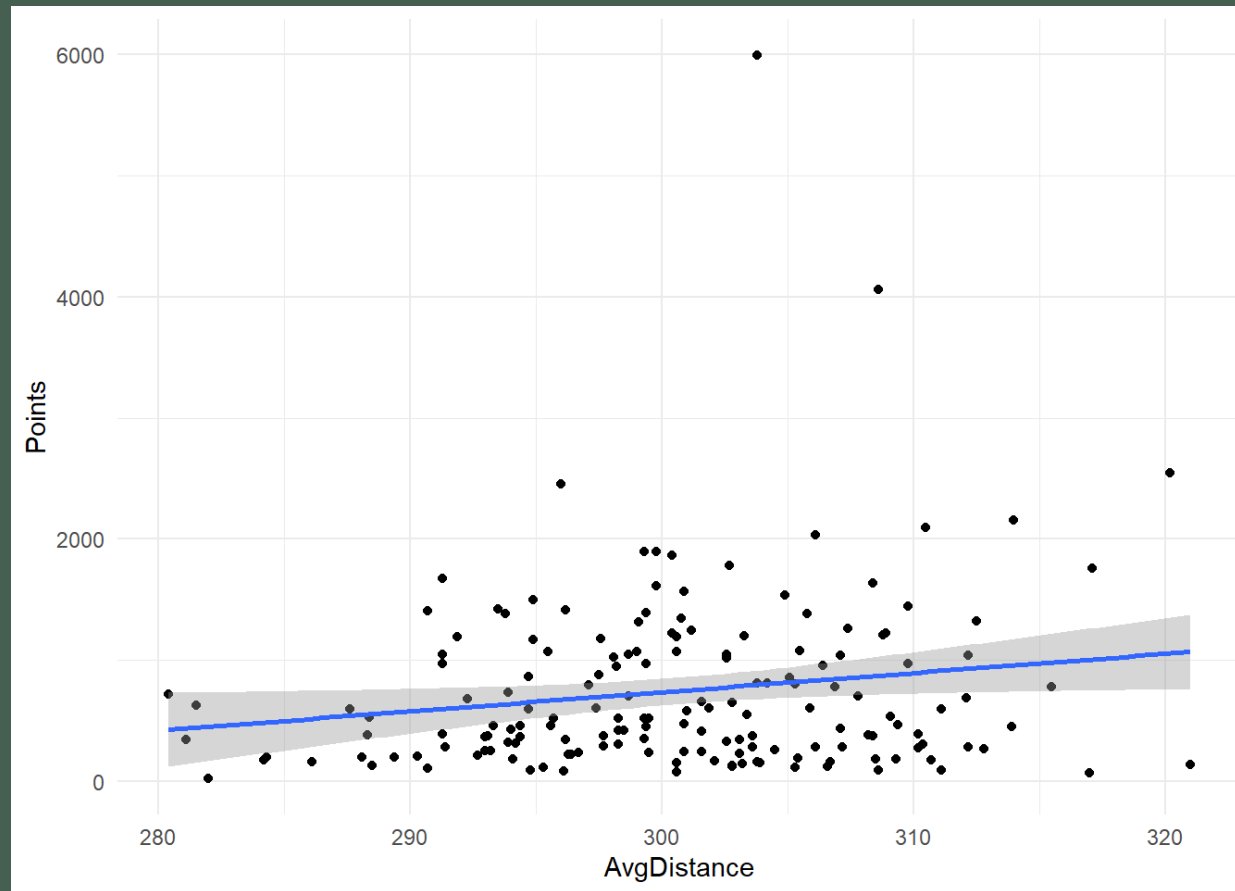
Background

- USGA announces golf ball roll-back in Winter of 2023 to take effect Jan1 of 2028
- They are attempting to modify the way the golf ball is manufactured to reduce distance. (5% reduction in overall distance)
- My inspiration

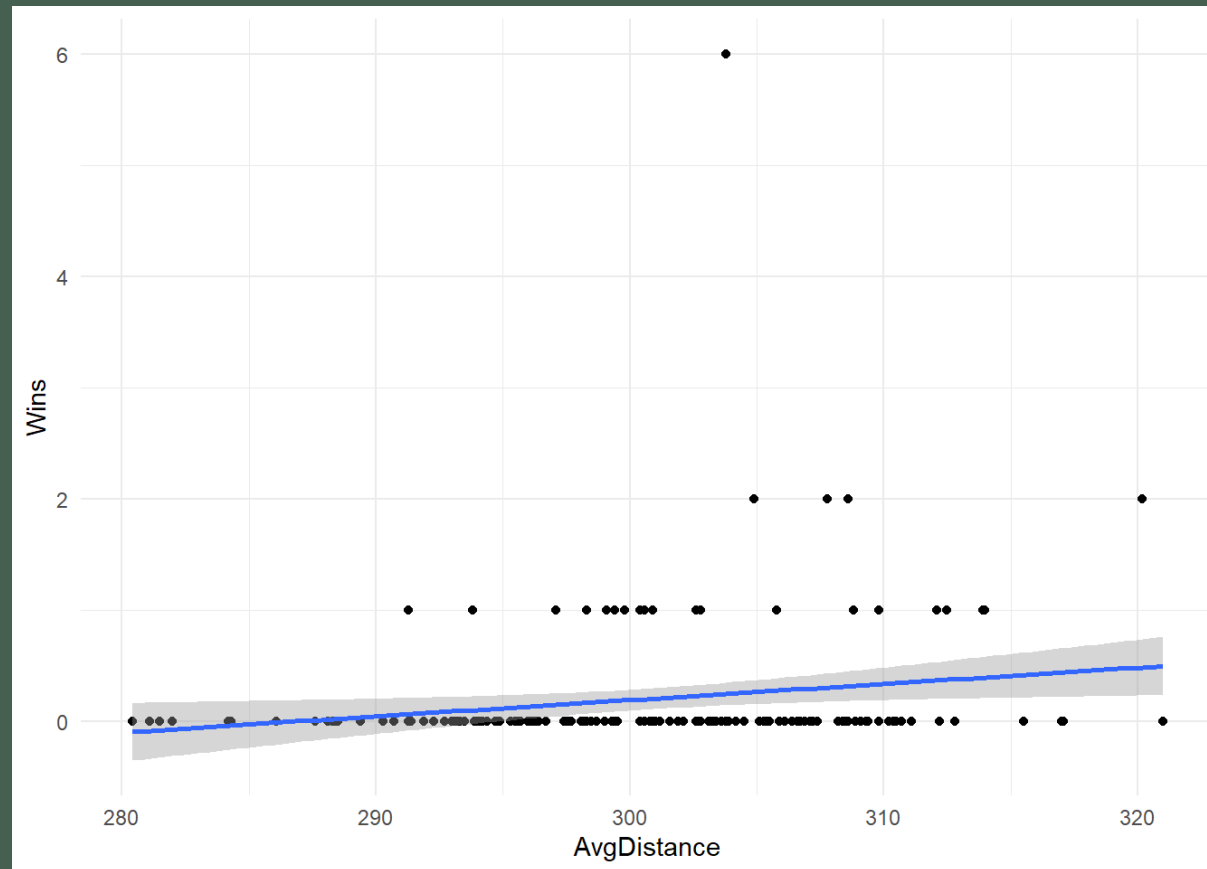


Analysis

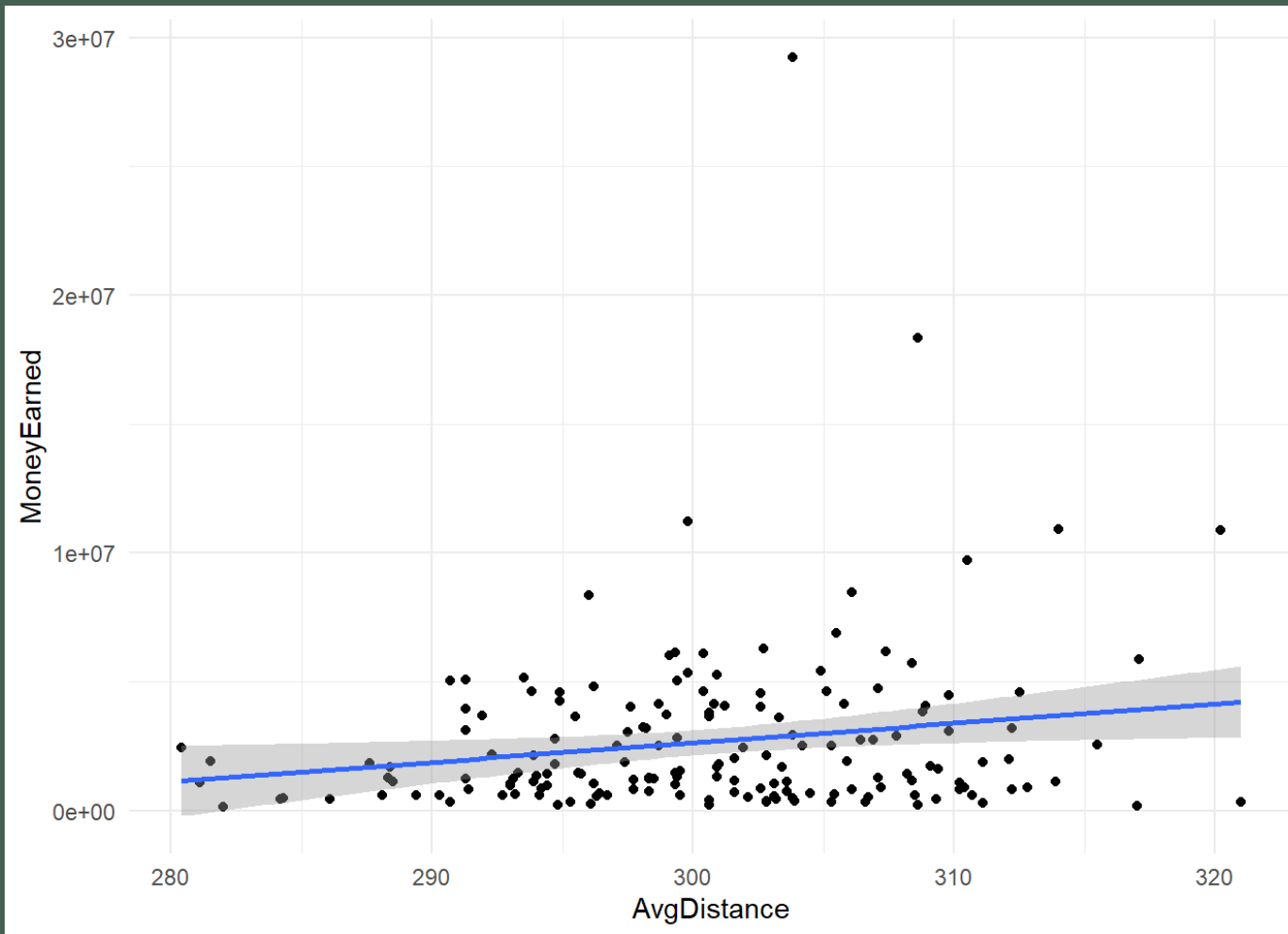
- I selected to look at how distance (average driving distance) on the PGA Tour affects success.
- Success is subjective (FedEx cup Points, Wins, and Earnings)
- Simple linear regression analysis (looking at R-Squared Values).



R Squared extremely low 0.02889



Again, the observed R Squared extremely low
0.03341



Finally, R Squared still extremely low 0.03267

Why It Matters

What does this tell us?

Can't just use Average Driving Distance to predict success.

Anyone who plays/watches competitive golf knows other parts of a player's game will determine success.

USGA is unjust in their decision to shorten the game and roll the ball back.

Players who hit the ball far are often the fan favorites.

By doing this, USGA is unintentionally stunting the growth of the game.