

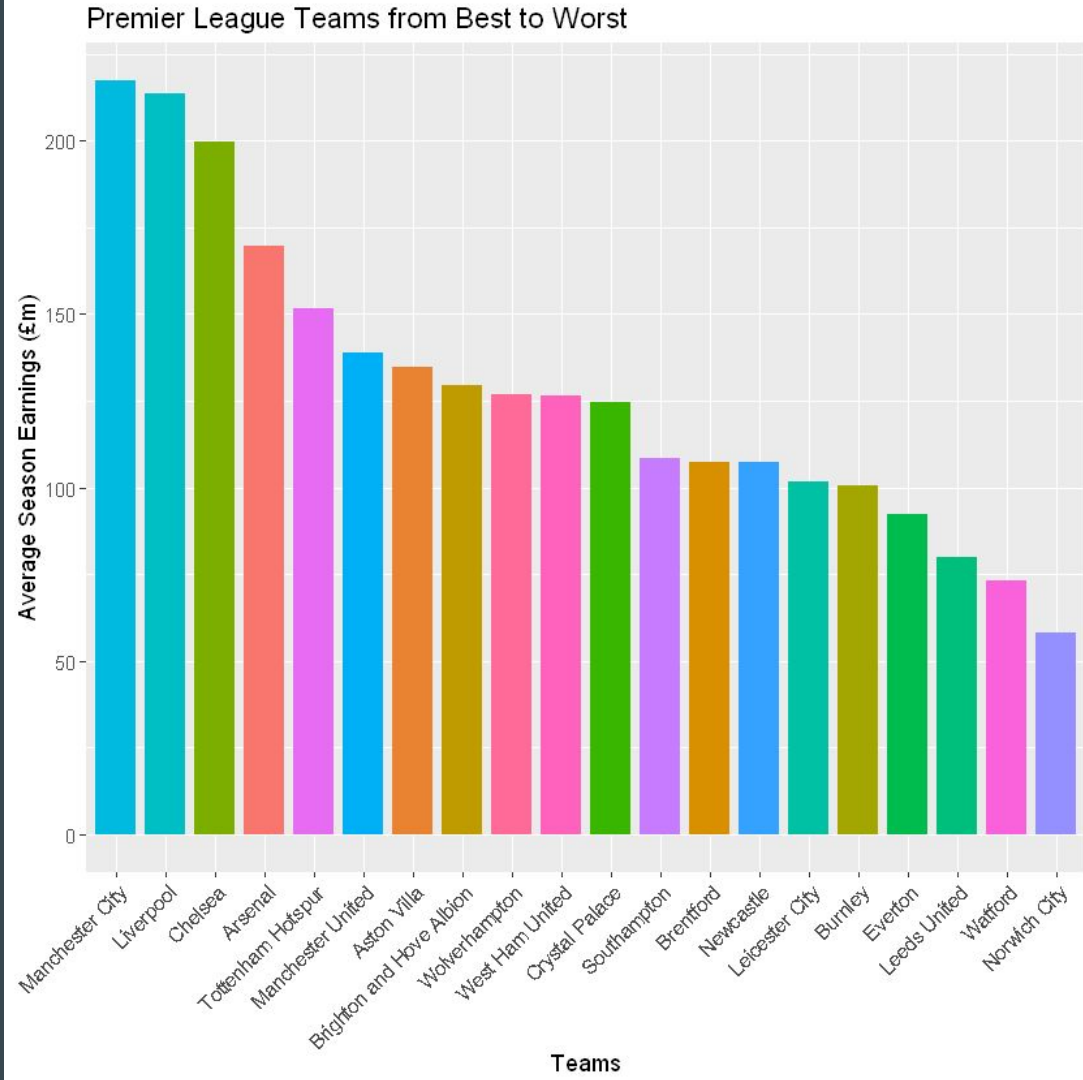
A composite image featuring the Premier League trophy in the center, surrounded by several football players from various clubs. The players are arranged in a circular pattern around the trophy, which is illuminated with a bright light. The background is a dark, starry space. The text "Premier League Simulation" is overlaid in the center in a large, white, serif font. Below the text are three small white dots.

# Premier League Simulation

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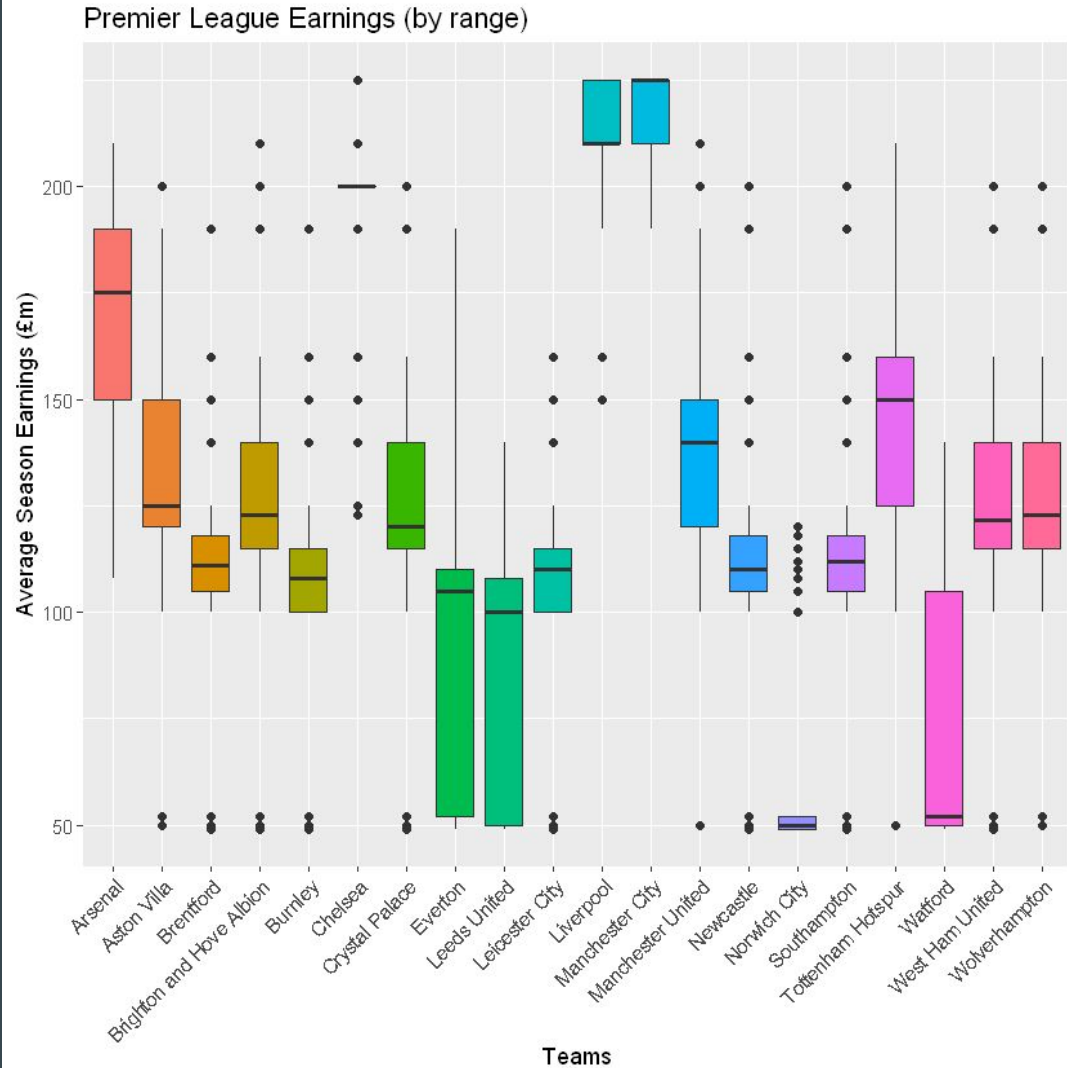
# Ranking of Teams





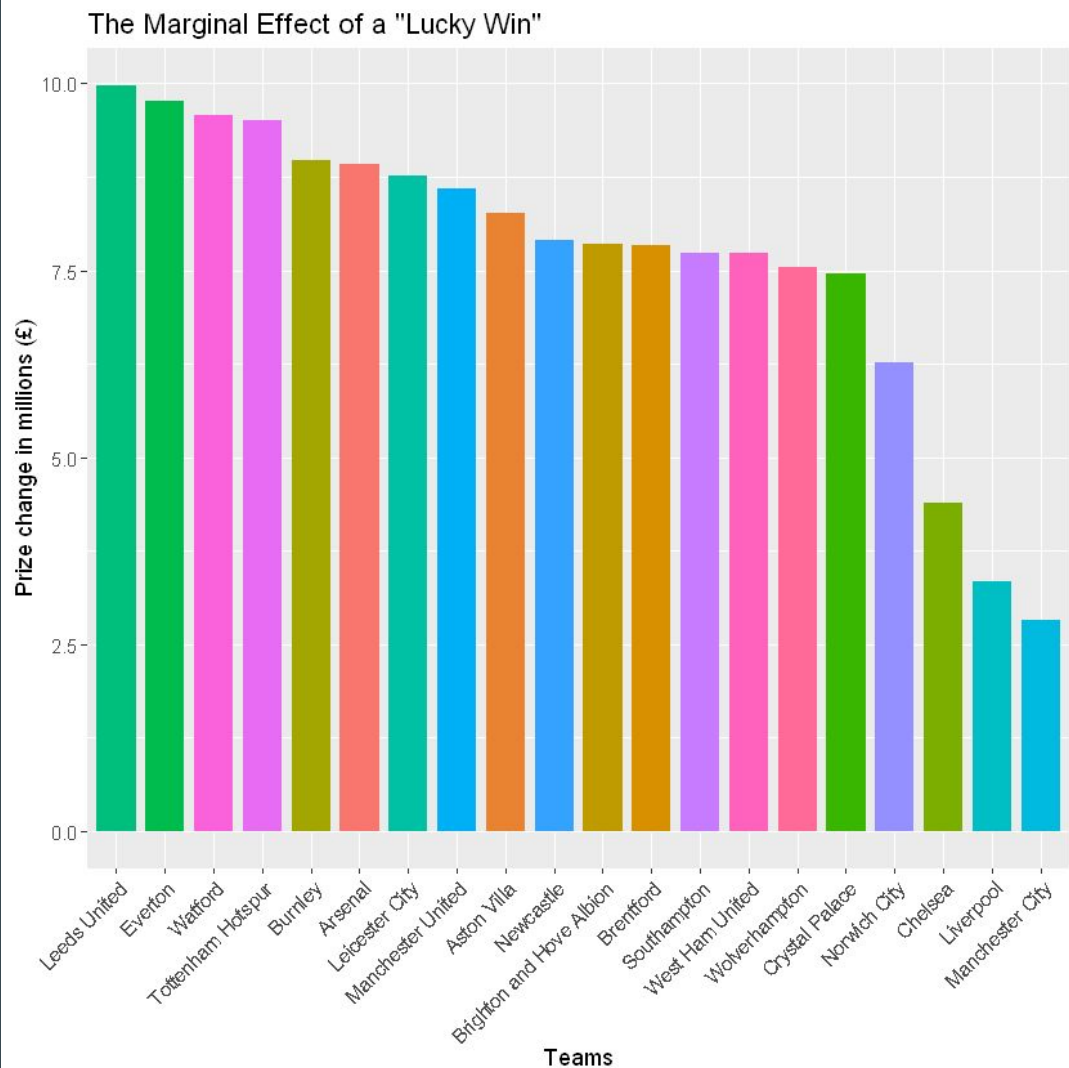
# Most Variability in Earnings

- Everton, Leeds United, and Watford have the largest variability in their earnings
- Manchester City and Liverpool tend to have some of the lowest variability
  - These two teams dominate every year and don't tend to perform poorly
- Norwich City tends to always earn poorly, thus they have low variability at the bottom

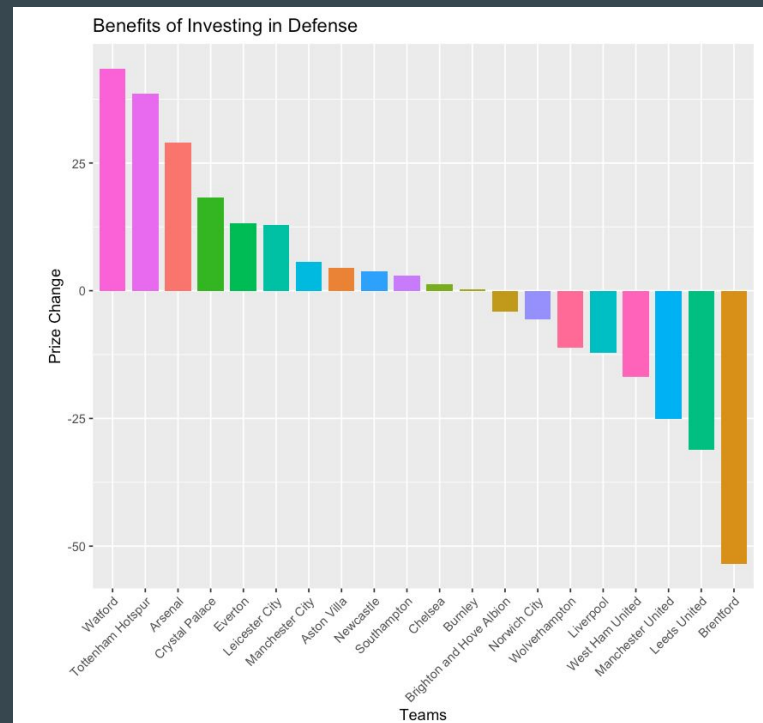
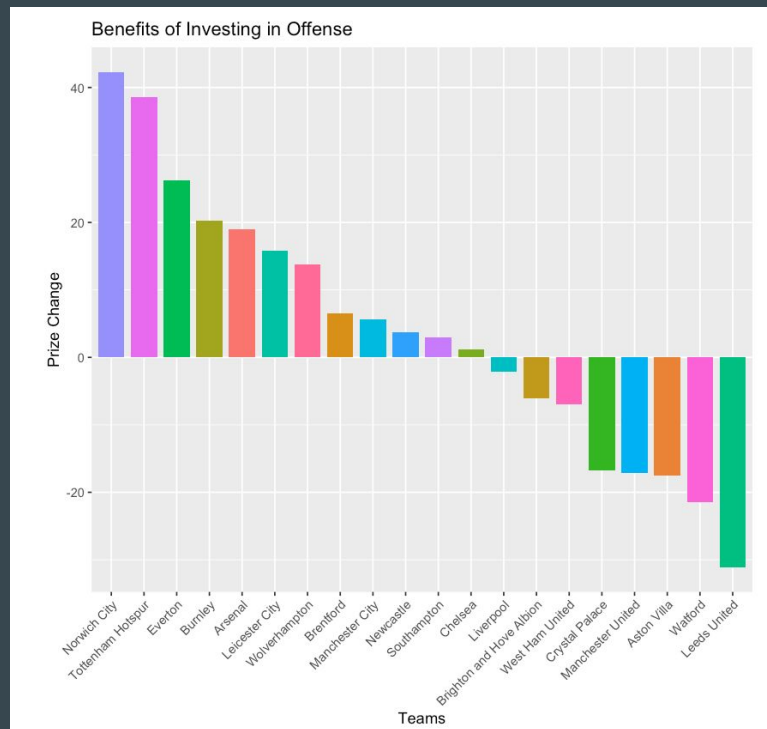


# Who Benefits the most from a “Lucky Win” ?

- Teams that benefit the most are the ones that tend to have variability in their earnings
  - Top 3 in variability (Leeds United, Watford, and Everton) are in the top 5 that benefit from a lucky win
- Low variability teams such as Manchester City and Liverpool tend to not benefit as much from lucky wins



# Investing in Offense vs Defense: 10% Increase in Goals Scored vs 10% Decrease in Goals Conceded



# Investing in Offense vs Defense: 10% Increase in Goals Scored vs 10% Decrease in Goals Conceded

- Teams that earn more money(prizes) investing in offense and lose money(prizes) investing in defense should shift their gameplans to a more offensive attack
  - Norwich City, Wolverhampton, Brentford
- Vice versa if they earn more investing in defense while lose for offense
  - Watford, Crystal Palace, Aston Villa
- Team that tend to earn more money investing in both offense and defense can sit tight or choose which earns more

