

# ***BOARD GAME FEATURES***

EDRIC MA



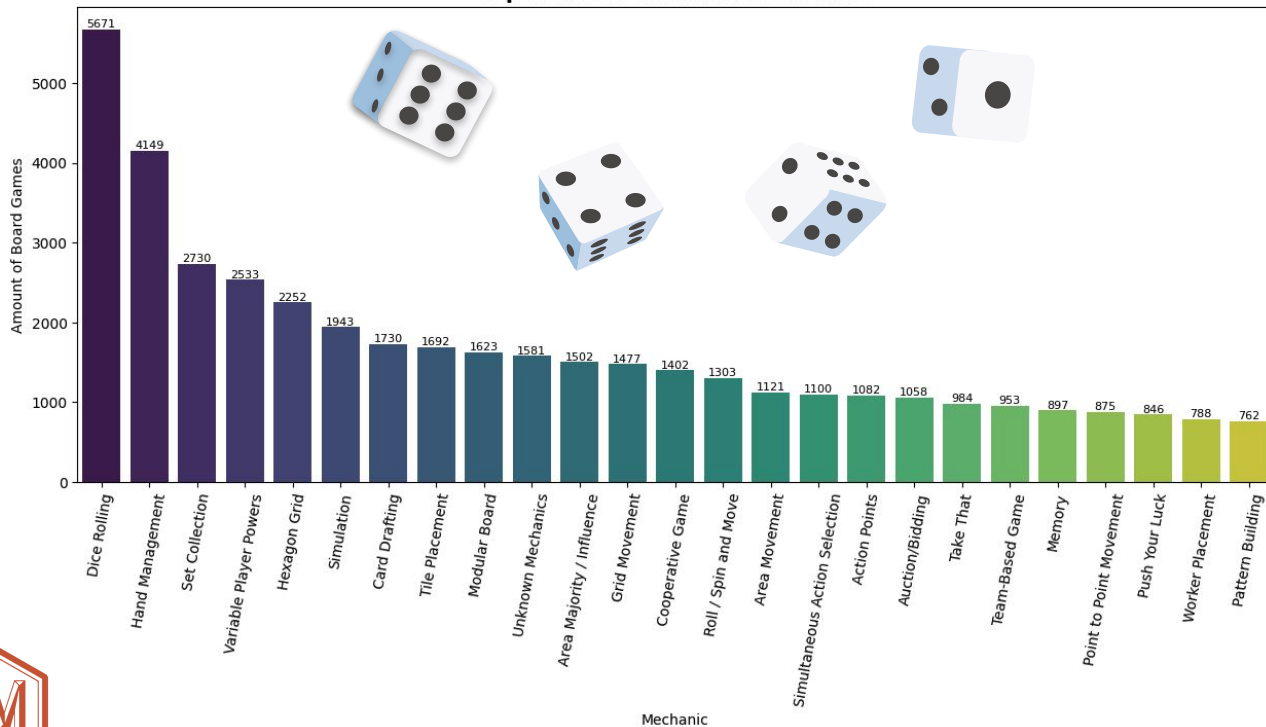
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Flatiron Data Science  
Phase 1 Project



# WHAT WERE THE MOST POPULAR MECHANICS?

Top 25 Most Common Mechanics



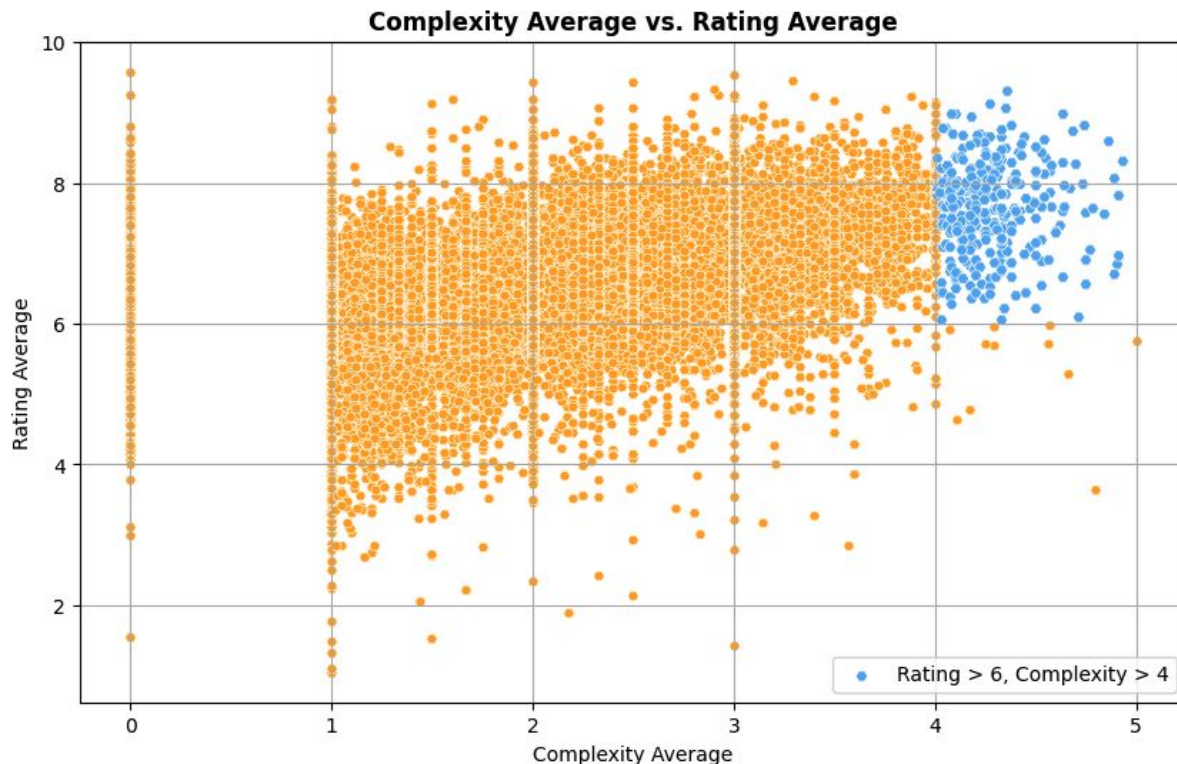
**DICE ROLLING** and **HAND MANAGEMENT** were by far the most common mechanics

**THREE** of the top **SEVEN** mechanics involve cards



# HOW DOES COMPLEXITY AVERAGE AFFECT RATING AVERAGE?

**COMPLEXITY** seems to be **APPRECIATED** by the board game community



**HIGHER COMPLEXITY AVERAGE** seems to be moderately correlated to **HIGHER RATING AVERAGE**



# WHAT IS THE RATING AVERAGE OF THE TOP 3,000 OWNED GAMES?

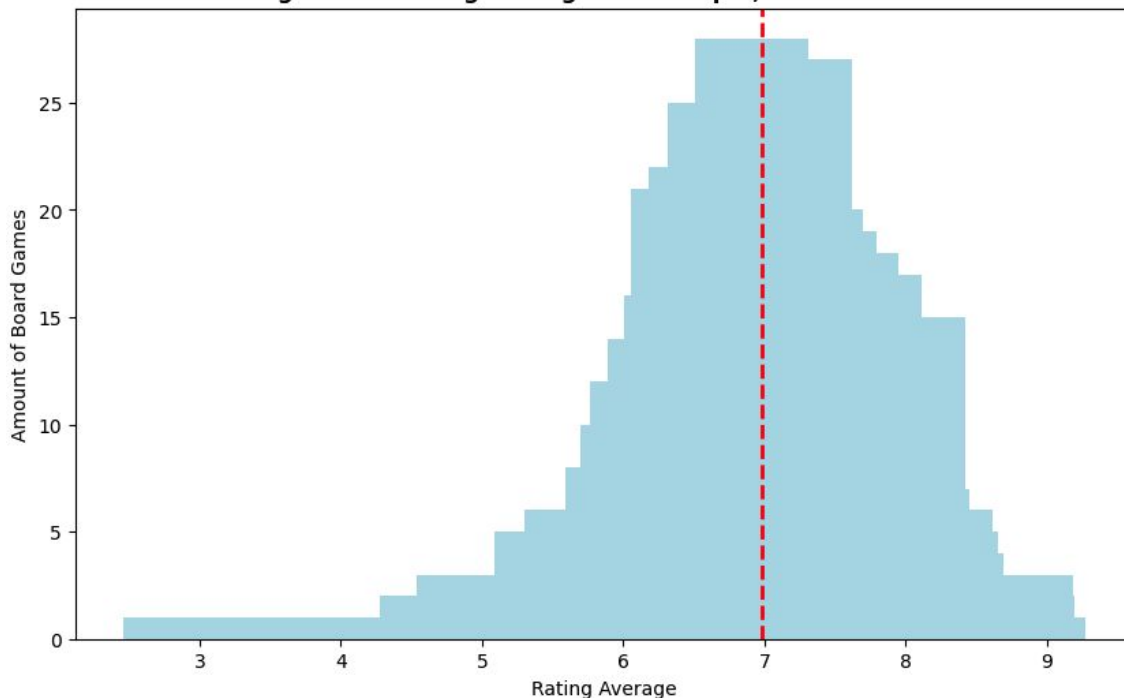
**TOP OWNED** games  
show a relatively high  
**AVERAGE RATING**

**MEDIAN** lies just below **7**,  
indicating reason for  
filtering down by users  
owned to identify features  
for **GOOD GAMES**



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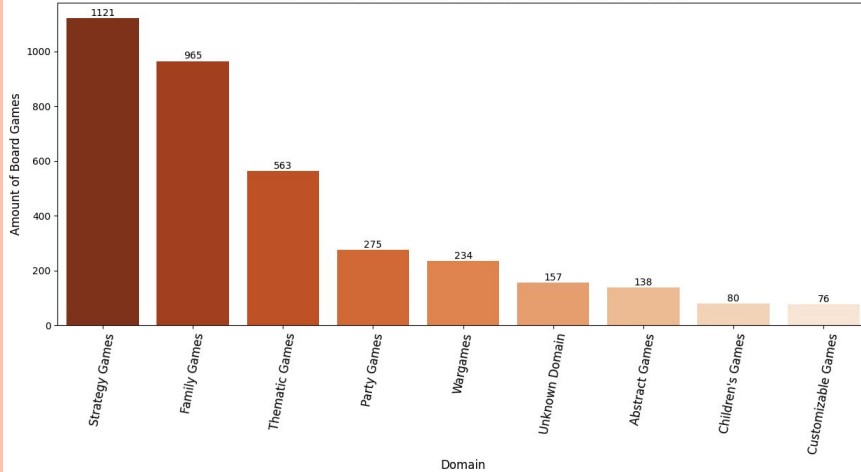
Histogram for Rating Average of the Top 3,000 Owned Games



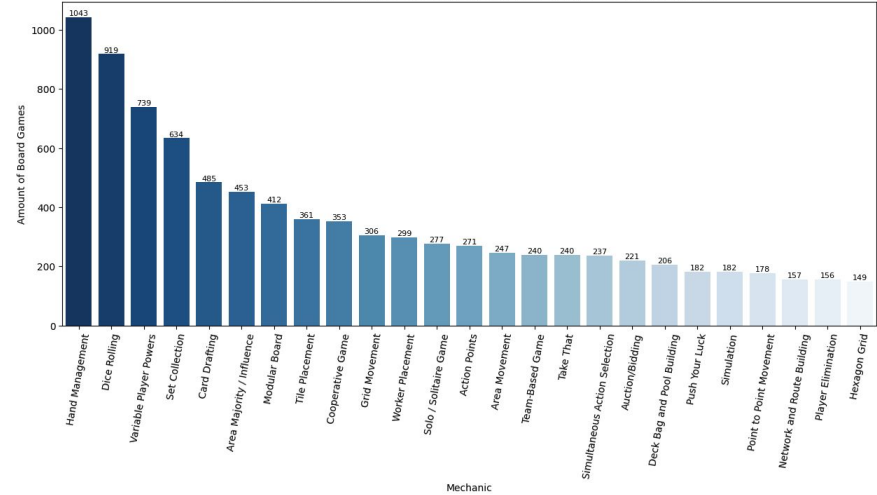


# WHAT ARE THE TOP DOMAINS AND MECHANICS OF THE TOP 3,000 OWNED GAMES?

Most Common Domains in the Top 3,000 Owned Games



Top 25 Most Common Mechanics of Top 3,000 Owned Games



**STRATEGY GAMES** dominates as the most common domain.  
**HAND MANAGEMENT** dominates as the top mechanic.

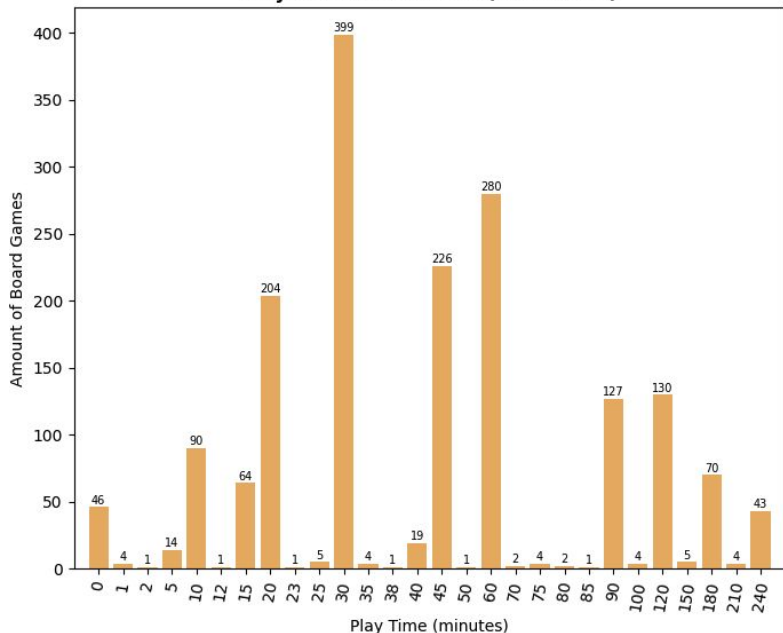


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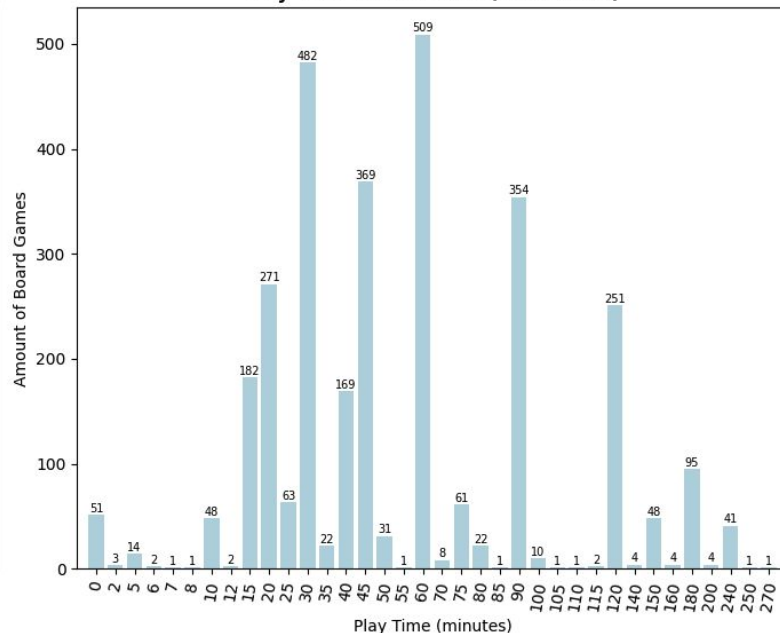


# HOW HAS PLAY TIME CHANGED BETWEEN 2000-2004 AND 2018-2022?

Play Time Distribution (2000-2004)



Play Time Distribution (2018-2022)



**30 MINUTE** games were the most popular in **2000-2004**  
**60 MINUTE** games were the most popular in **2018-2022**

# RECOMMENDATIONS



## **Mechanics**

Development towards games that involve **HAND MANAGEMENT** and **DICE ROLLING**



## **Domains**

**STRATEGY GAMES** reign supreme in the board game realm



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## **Complexity**

**HIGHER COMPLEXITY** is somewhat more likely to garner **POSITIVE REVIEWS**



## **Play Time**

People seem to **ENJOY** games that have playtimes between **30 AND 60 MINUTES**

# APPENDIX

Slide Template:

- <https://slidesgo.com/theme/gameboard-time>

Images:

- <https://gideonsgaming.com/scythe-boardgame-review/>
- <https://meeplesource.com/proddetail.php?prod=FCScythe9Factions-hoodie>
- <https://icv2.com/articles/news/view/56513/stonemaier-sales-drop-second-year-2023>
- <https://www.cbr.com/wingspan-board-game-beautiful-cards/>
- <https://www.ign.com/articles/wingspan-board-game-review>

Additional Research:

- <https://blog.tapresearch.com/what-is-nps>
- <https://www.qualtrics.com/experience-management/customer/net-promoter-score/>
- <https://towardsdatascience.com/the-magic-of-stratification-in-data-analysis-f1ee4800a283>

