

BOARD GAME FEATURES

EDRIC MA



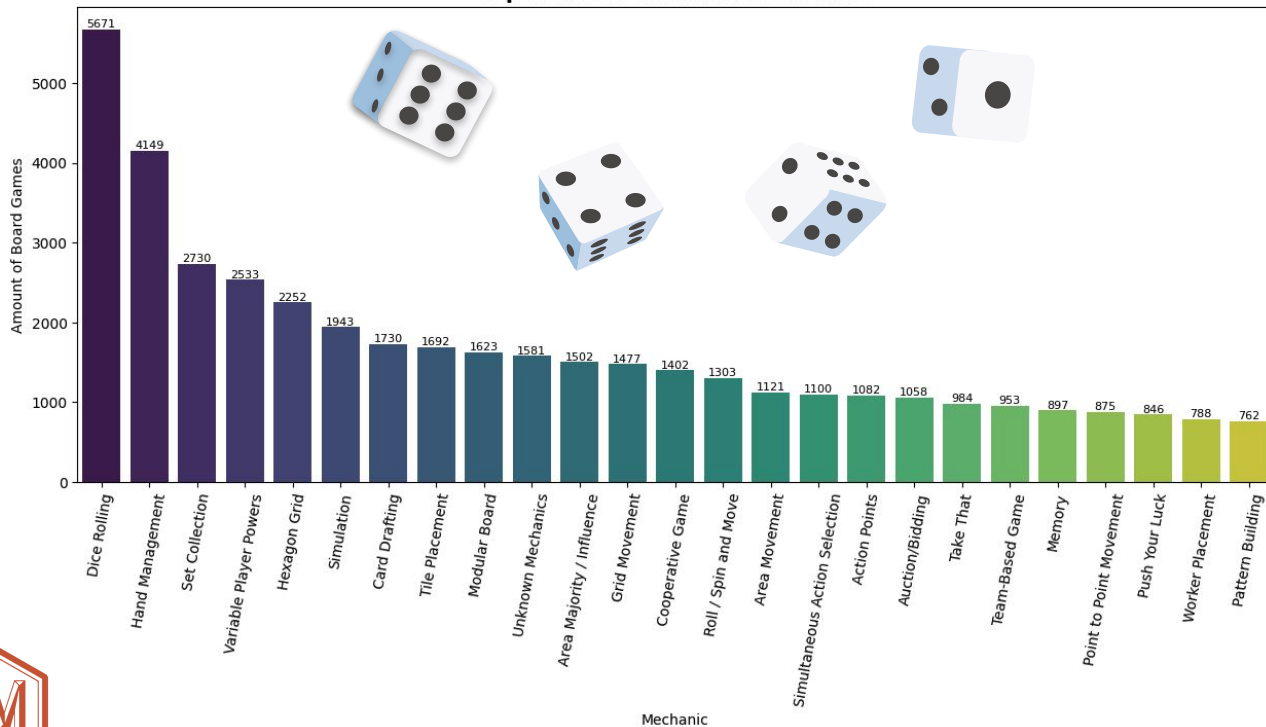
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Flatiron Data Science
Phase 1 Project



WHAT WERE THE MOST POPULAR MECHANICS?

Top 25 Most Common Mechanics



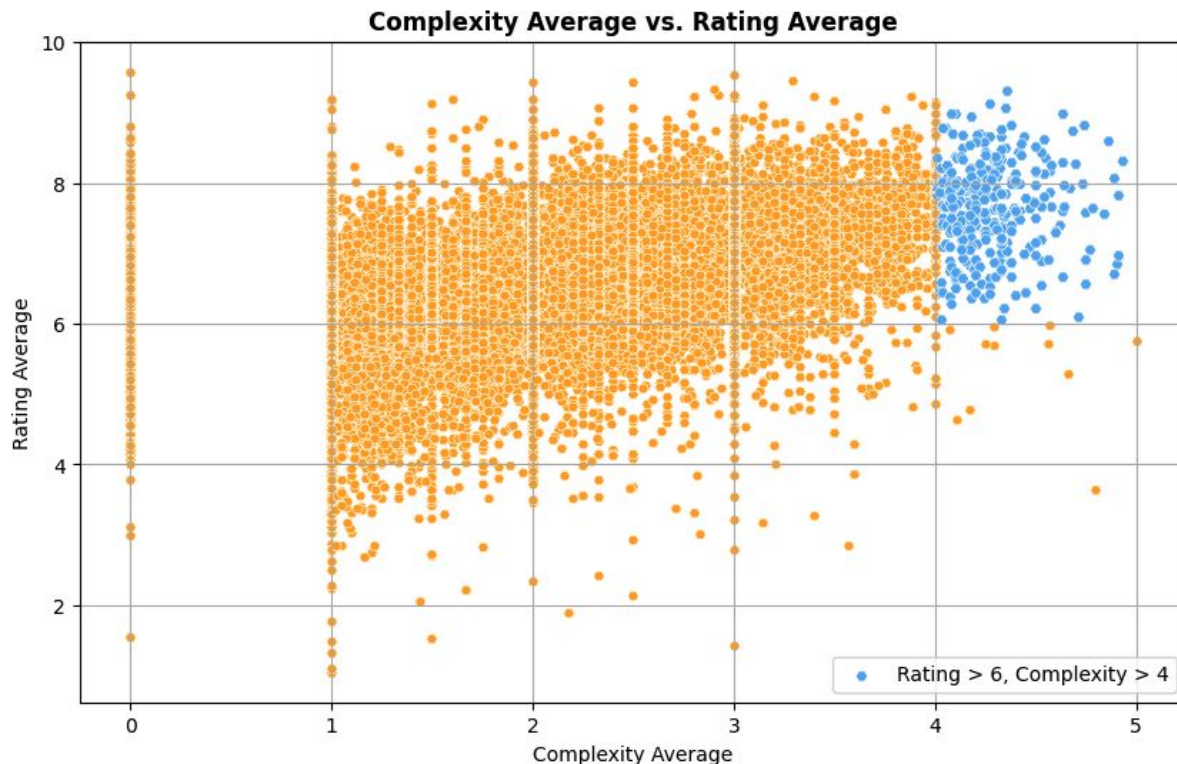
DICE ROLLING and **HAND MANAGEMENT** were by far the most common mechanics

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?

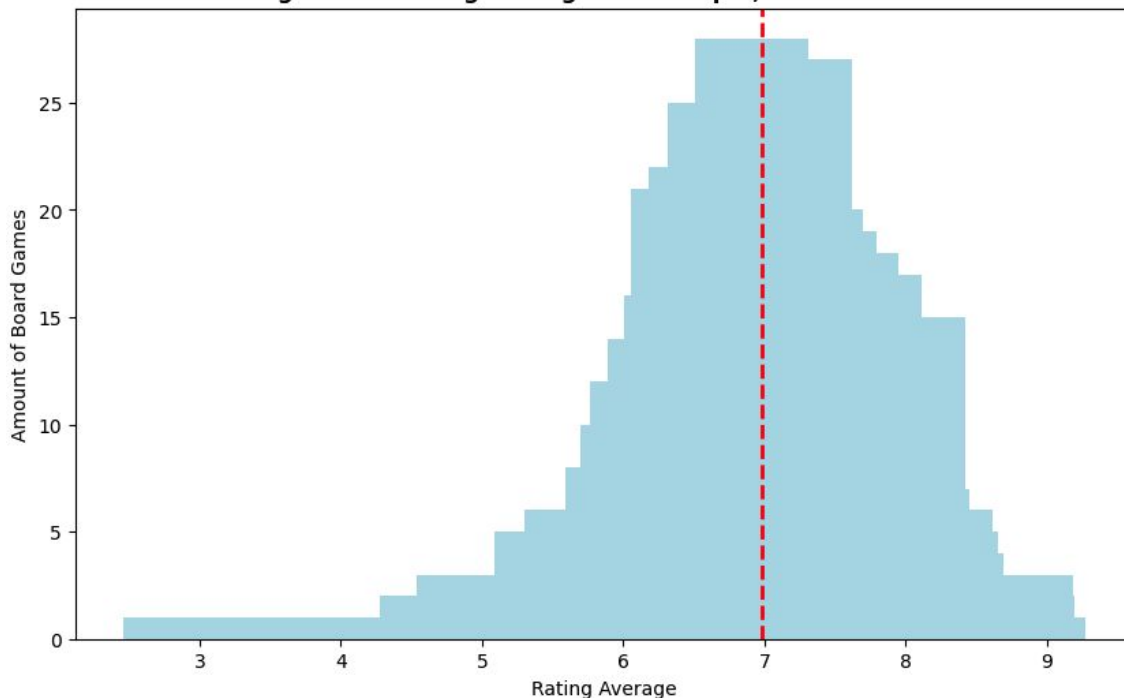
TOP OWNED games
show a high **AVERAGE**
RATING

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



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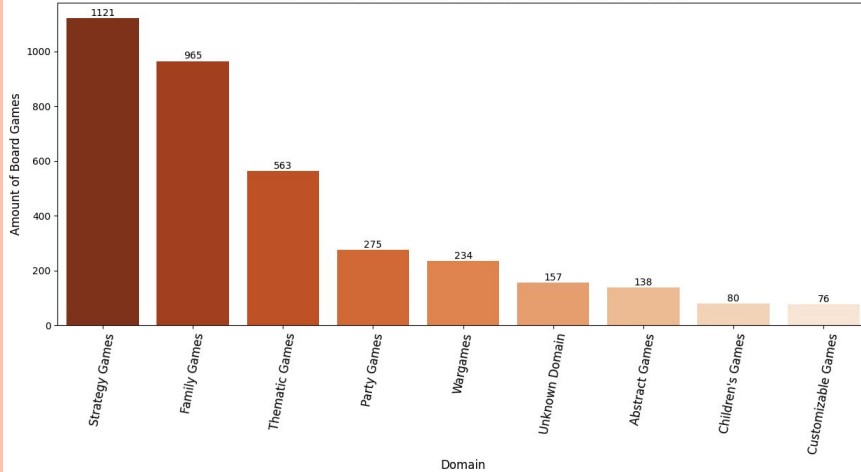
Histogram for Rating Average of the Top 3,000 Owned Games



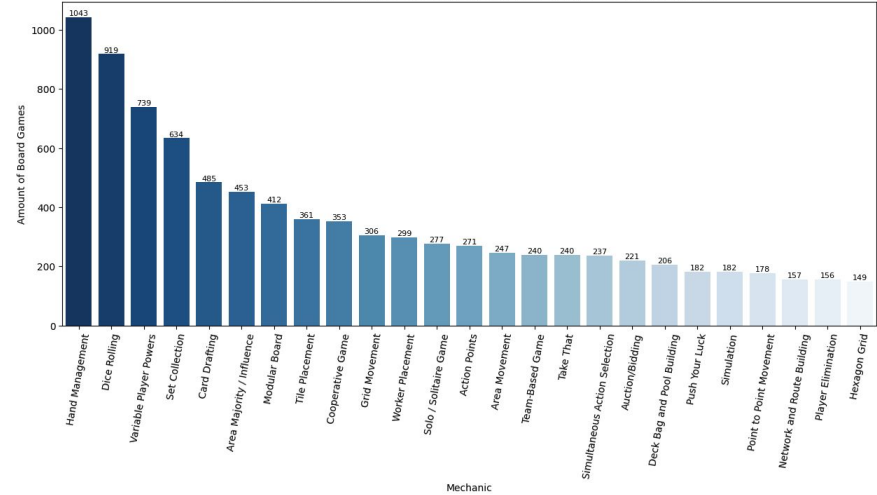


WHAT ARE THE TOP DOMAINS AND MECHANICS OF THE TOP 3,000 OWNED GAMES?

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.

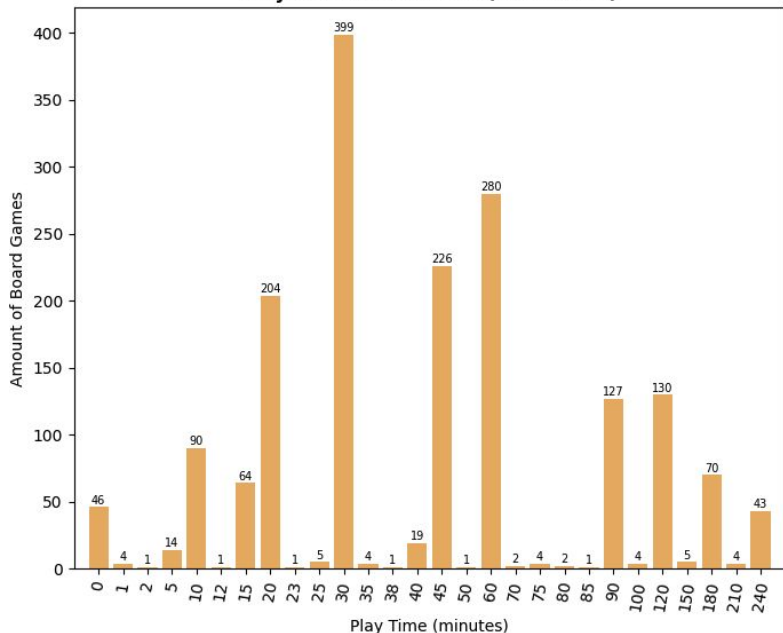


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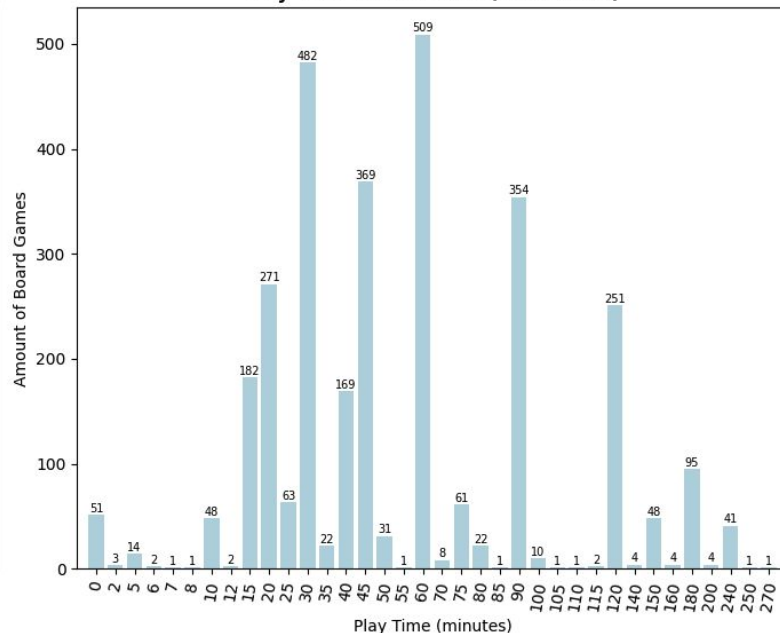


HOW HAS PLAY TIME CHANGED BETWEEN 2000-2004 AND 2018-2022?

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 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://towardsdatascience.com/the-magic-of-stratification-in-data-analysis-f1ee4800a283>

