# Board Game Recommender

**Thomas Prich** 

## FEATURES OF THIS TOPIC



#### 1. How it was Built

From gathering the data to how it chooses games.



## 3. The App

Hello, I want to play a game.





#### 2. Fun Facts

What do the top 1,000 board games look like?



### 4. Going Forward

To infinity, and beyond!

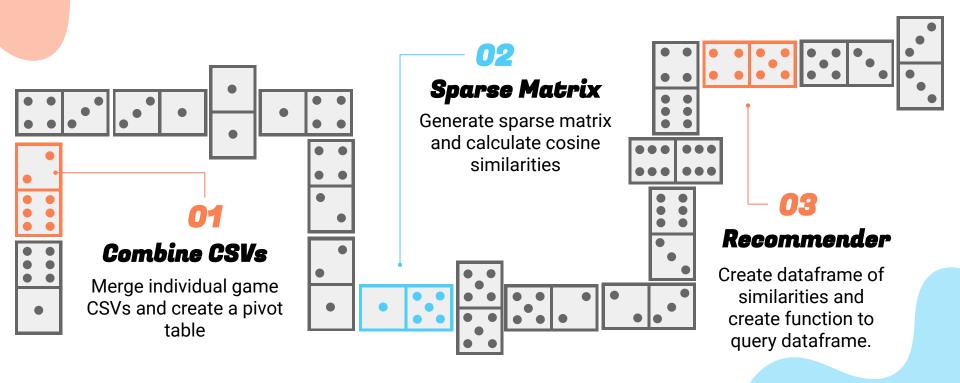
# How it was Built

#### Gathering the data from **BoardGameGeek**:

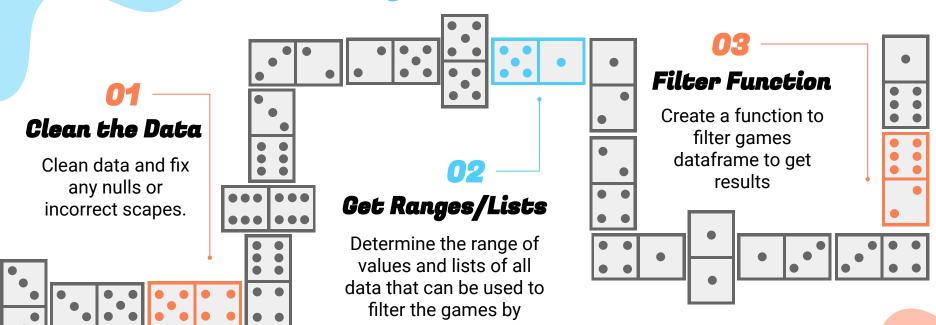
- Scraped for top 1,000 board games
- User Reviews GeekDo API (2 weeks)
  - 11,170,197 total reviews
- Scraped for Categorical Data (3 hours)



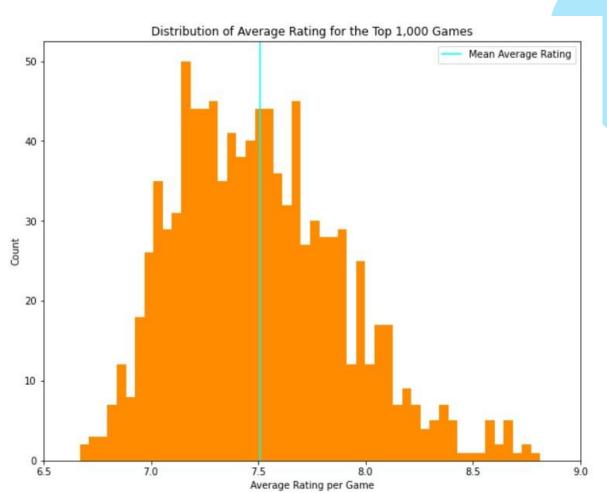
# User-based Recommender

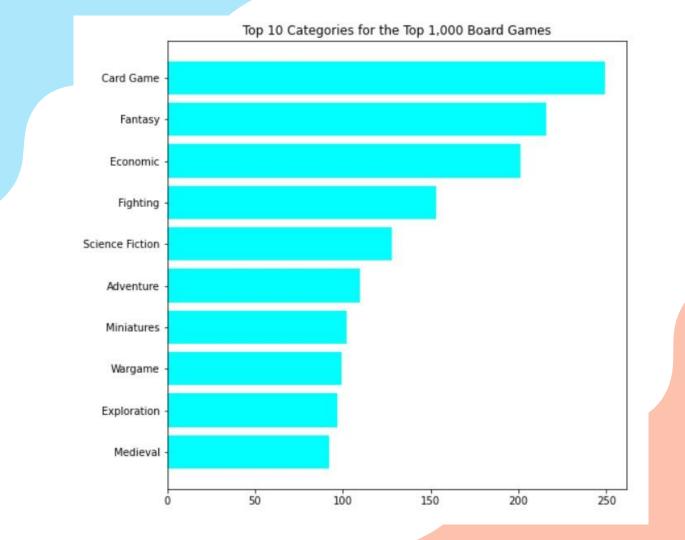


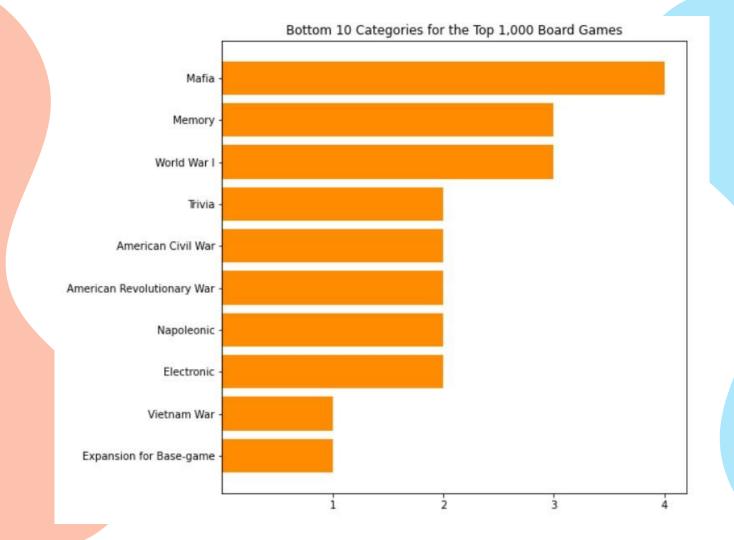


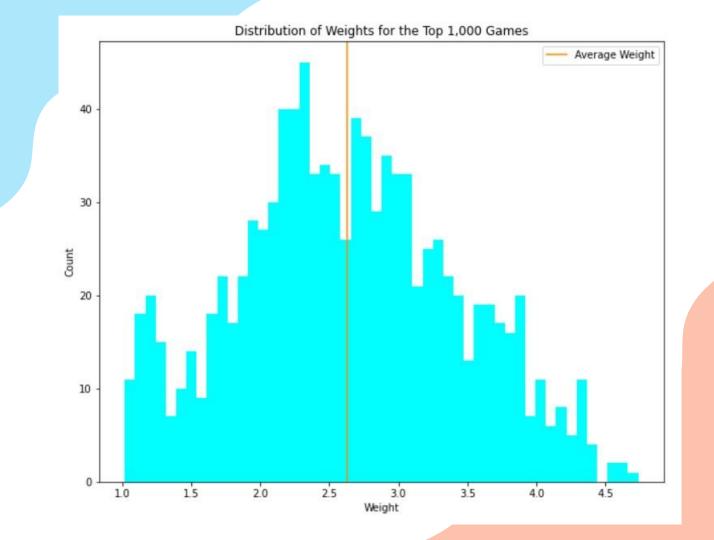


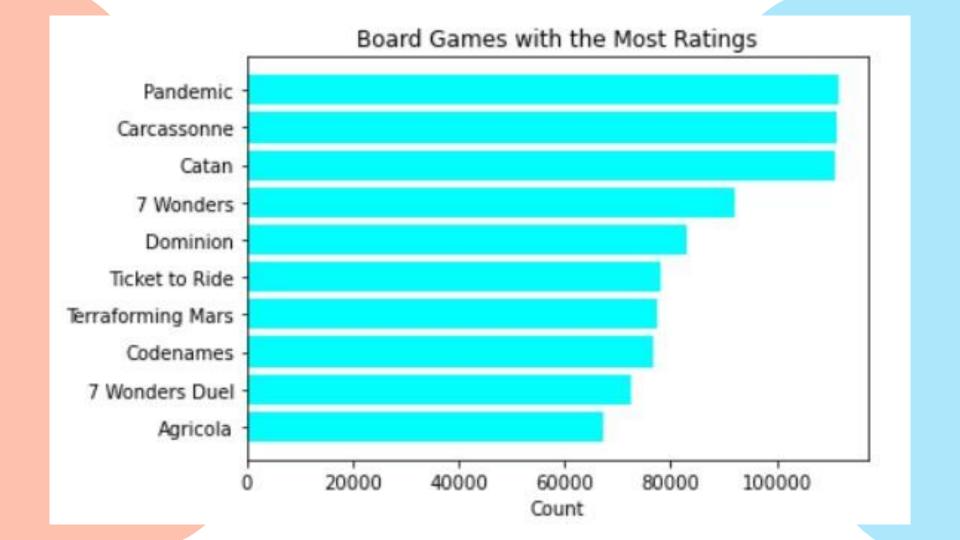
# Fun Facts

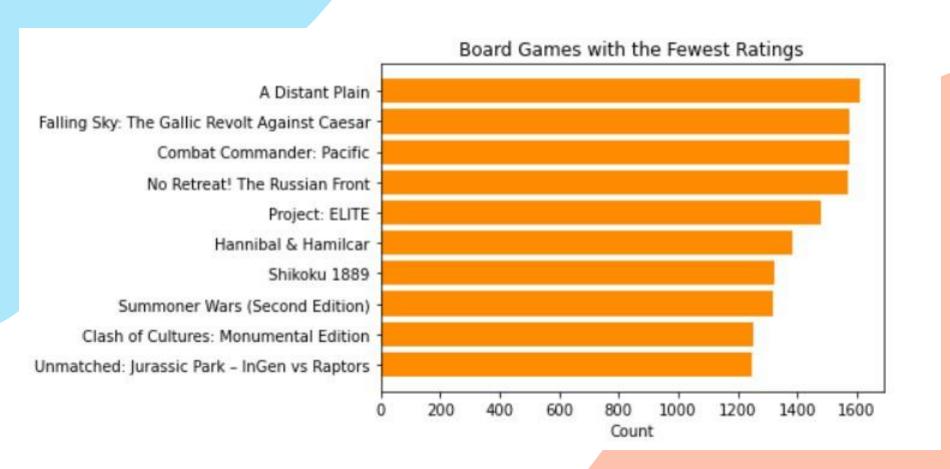


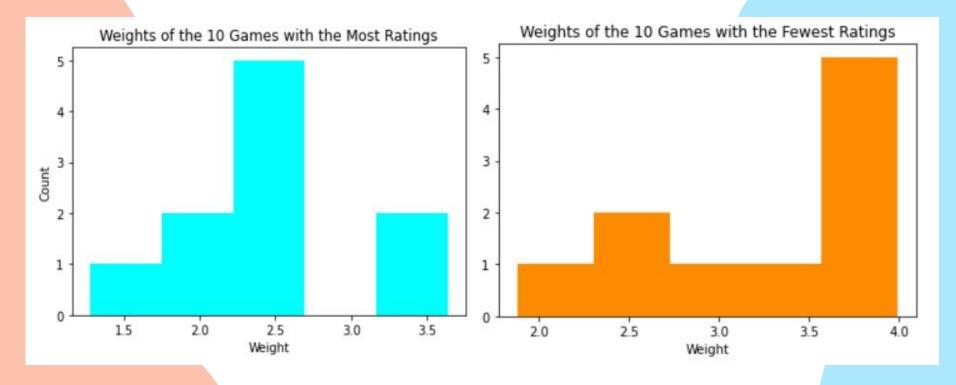






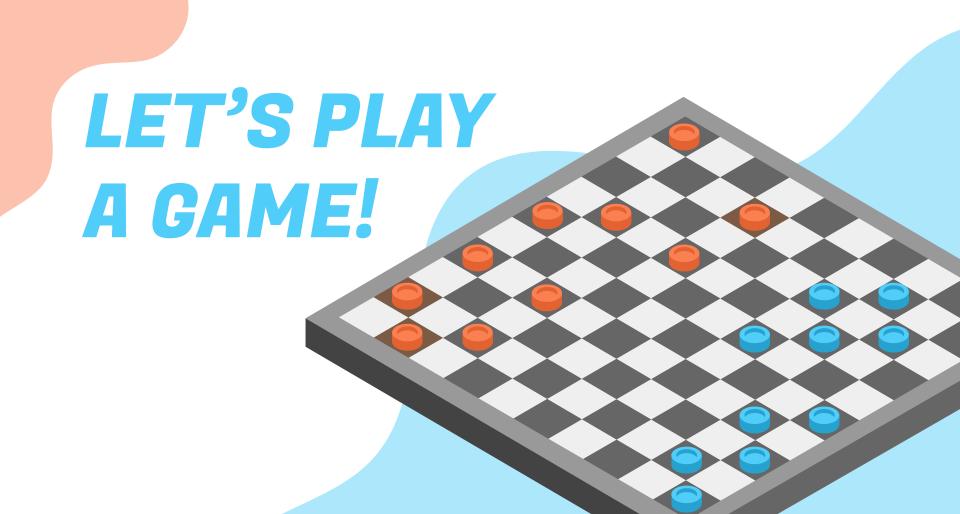






Average Rating7.69

Average Rating8.13



# <u>The App</u>

Pick how you want to get your recommendations

- Based on a game.
- Explore by filtering features.

#### **Board Game Recommender**

Welcome, and thank you for visiting my board game recommender! This app uses data on the top 1,000 board games from <a href="boardgamegeek.com">boardgamegeek.com</a> (as of March 16th, 2022) to give recommendations 3 different ways. Select an option from the side panel to get started!

For this option, select a board game and you will get recommendations based on over 11 million user reviews to give the best matches.

#### Enter a board game:

Type or select a board game:

13 Days: The Cuban Missile Crisis

Recommendations Please!

Thanks to BoardGameGeek for providing the games, reviews, and all related data under the <u>Attribution-NonCommercial-ShareAlike 3.0 Unported license</u>.



# **Going Forward**

- Add in Mechanics to the filter
- Add section to both filter and search by game
- More games!
- Fine tune the app to be more efficient.

THANKS!

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Do you have any questions?

Email: <a href="mailto:thomasprich.datascience@gmail.com">thomasprich.datascience@gmail.com</a>

LinkedIn: <a href="https://www.linkedin.com/in/thomas-prich">https://www.linkedin.com/in/thomas-prich</a>

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