

# STEAM GAMES RECOMMENDER

Patrick Yamin

Rigat Nirayo

Whitlee Pearson

01/2024



# AGENDA

Business plan

Data insights

EDA

Recommender system

Model Evaluation

Demo

What's next





# WHAT'S STEAM GAMES?



**STEAM®**

Steam is the world's most popular PC Gaming hub, with over 6,000 games and a community of millions of gamers.



# BUSINESS PLAN

Build a recommendation system suggesting games enjoyed by players with similar habits with the hours played , targeting titles you haven't explored yet.

rephrase

# DATA INSIGHT

Data from Kaggle with 200k data points

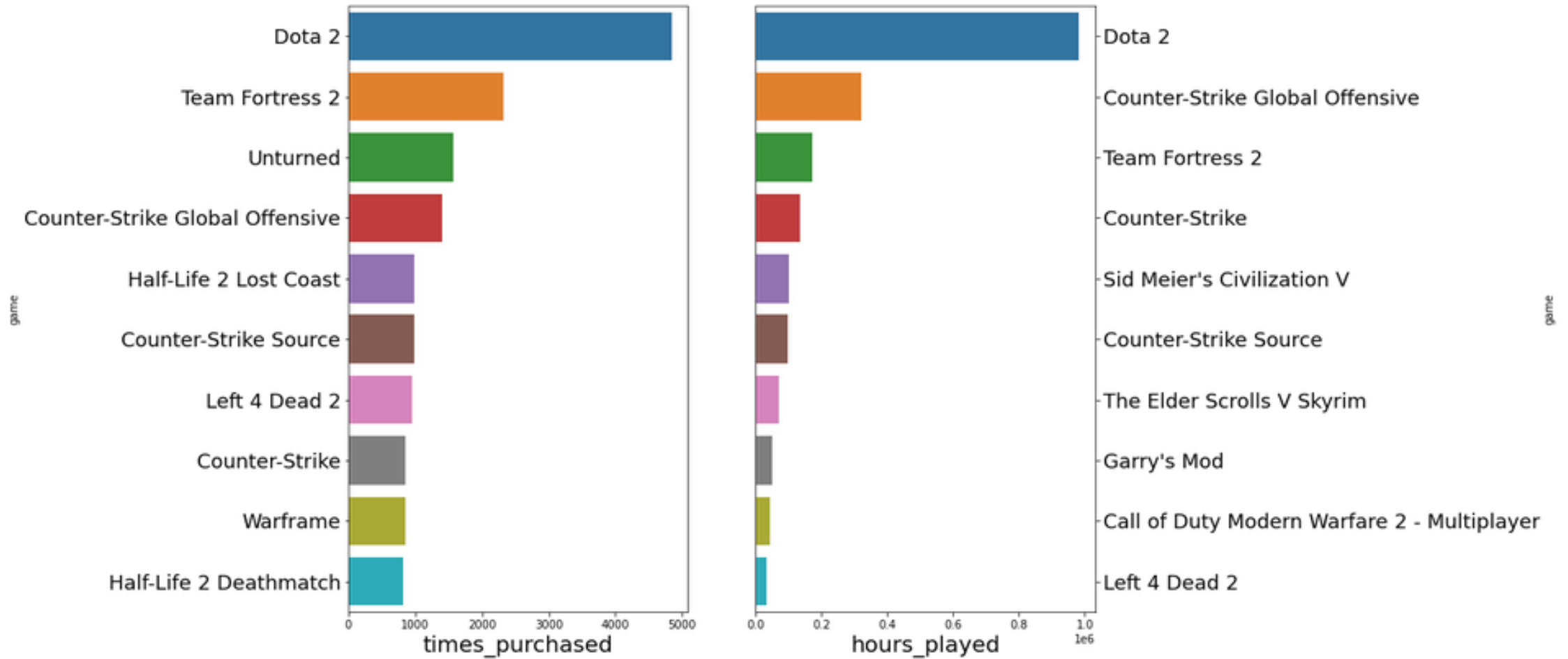


2569



10,271

# EDA





amazon



NETFLIX



Uber

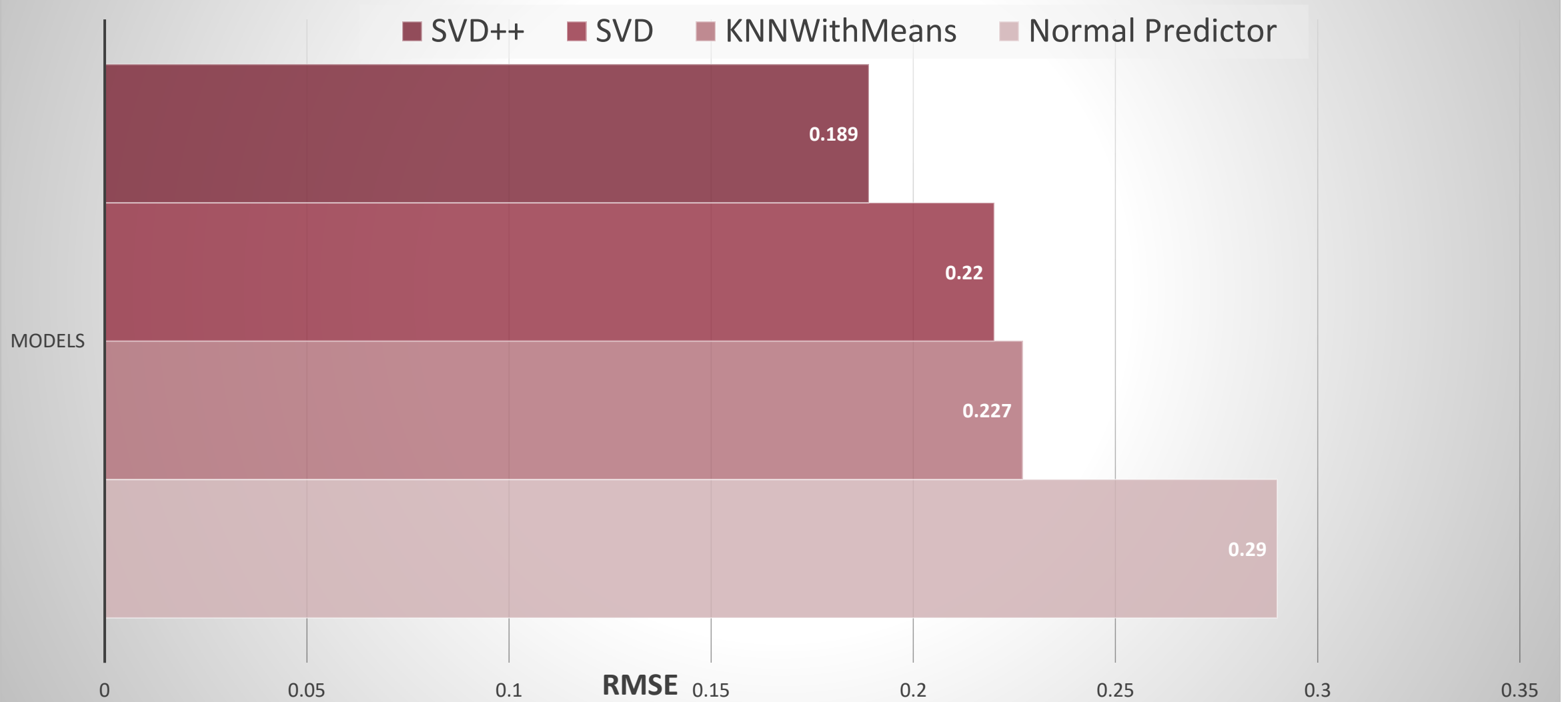
Booking.com

RECOMMENDER  
SYSTEM

Collaborative filtering

- Surprise

# Model Evaluation







DEMO

## Recommendation System for Steam Games

user\_id

Clear

Submit

output

Flag

☰ Examples

Enter User ID here

Input Steam user\_id and generate the top 5 recommended games



# WHAT'S NEXT

- With API calls, lets users input their *user\_id* for personalized game recommendations.

# THANK YOU



Patrick Yamin

- **GitHub username:** pyamin1878
- **Email:** patrickyamin@gmail.com



Rigat Ashebir

- **GitHub username:** RigatN
- **Email:** rigatanirayo@gmail.com



Whitlee Pearson

- **GitHub username:** falloutb1tch
- **Email:** PWhitlee.2013@gmail.com