



# Movie Recommendation System

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PRESENTATION GOAL

THE DATA

WHAT MY PROGRAM CAN DO

THANK YOU

# A brief overview



# The goal of my program

## **Recommending likable movies**

The main objective of this program is to be able to take in information about any given user's movie preferences and give movie recommendations.

## MovieLens Dataset

This dataset comes from the GroupLens research lab at the University of Minnesota. This dataset is a list of movies, genres, and corresponding users/reviews.  
*Approximately 100,000 records.*

# The Data

## ORGANIZES

Takes in a list of movies and it attributes removes all movies without the user specified genres. Users can opt out of specifying a genre.

Default genre is Comedy

## ACCURATE

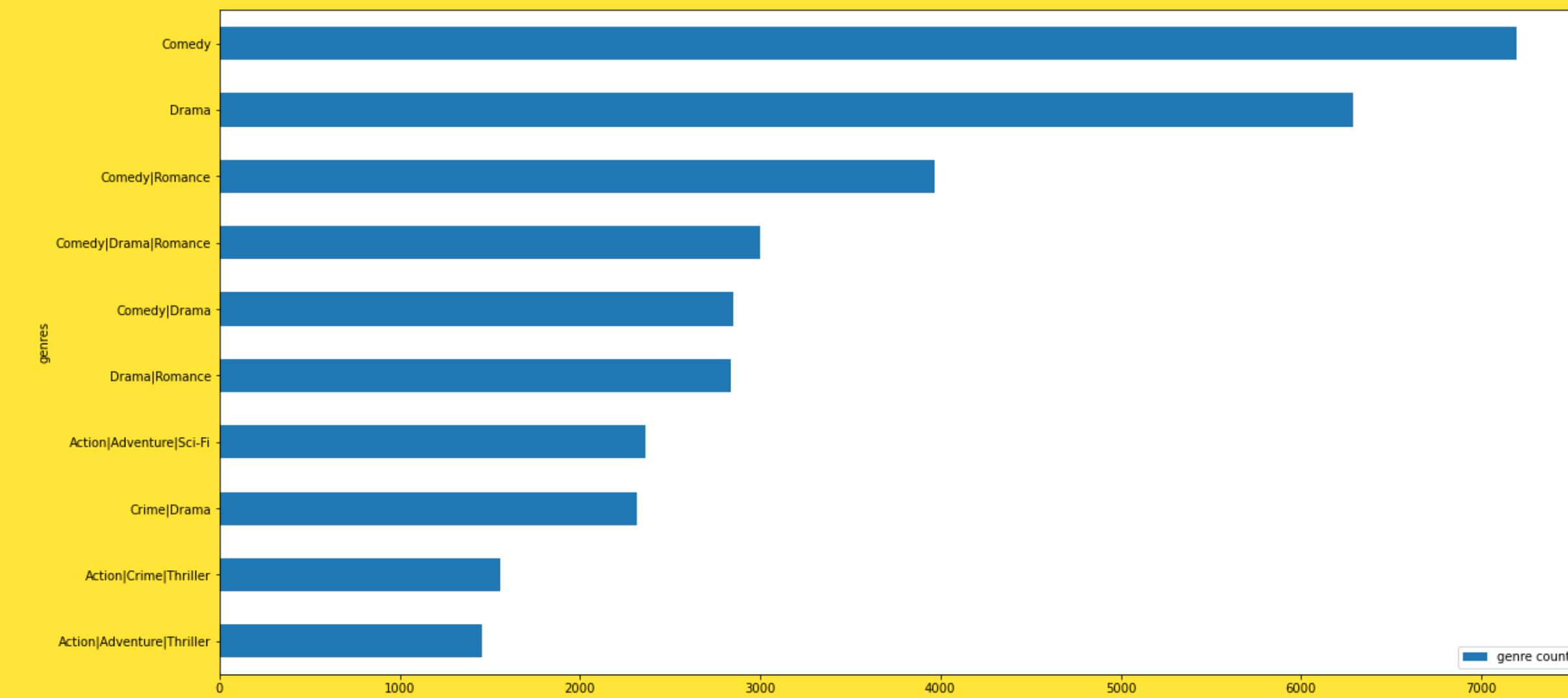
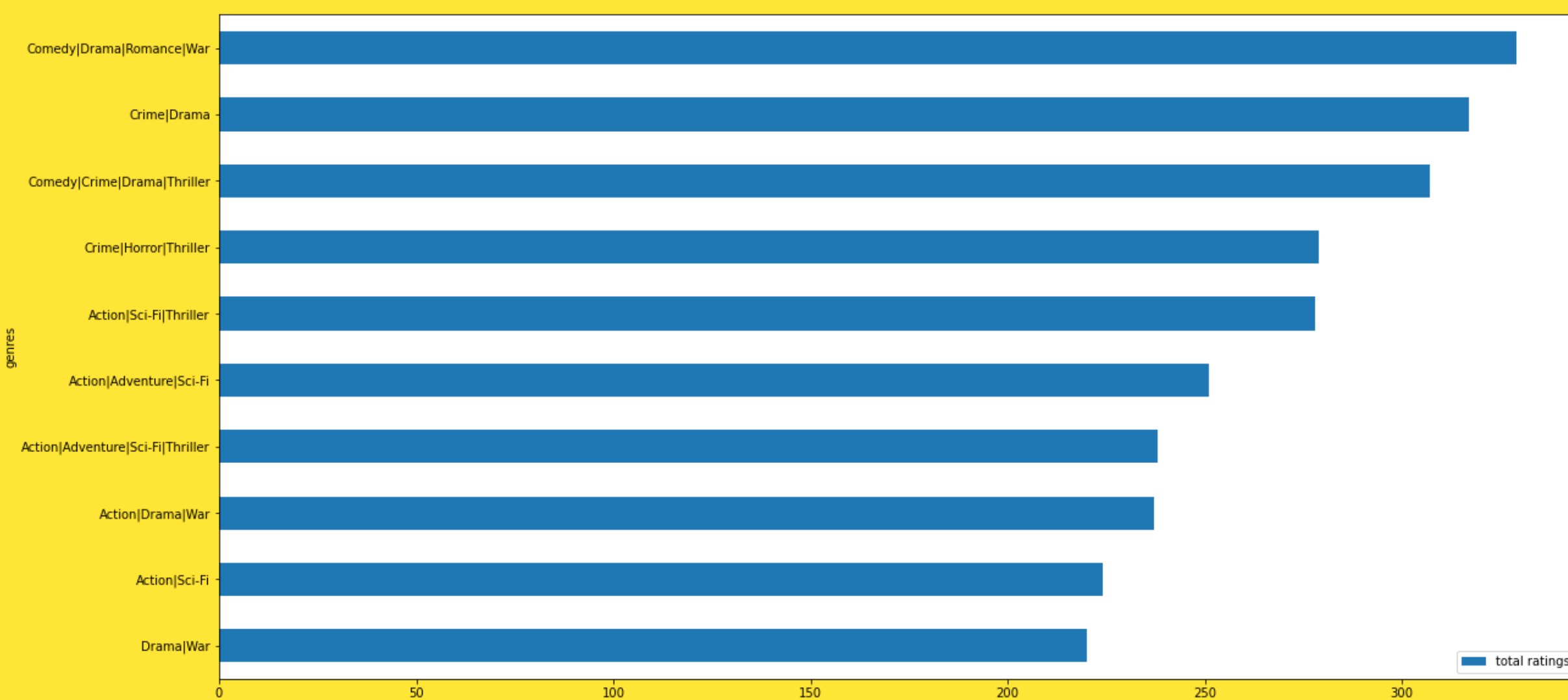
Average RMSE score: 0.87

## PREDICTION

Recommends movies based on popularity of similar movies

# The Model

# Supporting Visualizations



# What can it do?

## IT'S QUICK!

A simple code with a small dataset meant to be run and spit out recommendations quickly

## MANY USES

The quick code is meant to give general recommendations. Weather as a standalone app for bored, indecisive users or for a streaming service to keep users engaged.

## THE MORE THE MERRIER

The more information and engagement from the user this program receives, the better it will perform.



## **More data makes more a mature models**

Currently the model is based on users approve and doesn't factor in users watch time or dislikes.

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# Always room for improvement







# Thank you for you time!

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