


RECOMMENDATION SYSTEM USING IBCF AND UBCF IN R


Customers who bought this item also bought Page 1 of 1



SYSTEM BREAKER™ Black Earphone Pouch Multi Purpose Pocket Storage Case for Headphone,...

★★★★☆ 40


₹ 99.00



Gizga Essentials Earphone Case - Multi Purpose Pocket Storage Travel Organizer Case for...

★★★★☆ 584

₹ 159.00 ✓prime




2 pack

CABLEGALLERY 2 Pack Round Earphone Carrying Case

★★★★☆ 25


₹ 220.00



boAt BassHeads 100 in-Ear Headphones with Mic (Black)

★★★★☆ 7,685


₹ 359.00 ✓prime



Gizga Essentials Gzepgn Earphone Carrying Case(Black/Green)

★★★★☆ 584

₹ 159.00 ✓prime



Tony Stark Multi Purpose Pocket Storage Case for Headphone, Pen Drives, Memory Card, Data...

★★★★☆ 23

₹ 154.00

-Yatin Kode

Project Structure

Recommendation System using R

Select username:

UBCF recommendations for techguy

All-New Kindle E-reader - Black, 6 Glare-Free Touchscreen Display, Wi-Fi - Includes Special Offers

Amazon - Fire 16GB (5th Gen, 2015 Release) - Black

Amazon - Kindle Voyage - 4GB - Wi-Fi + 3G - Black

IBCF recommendations for techguy

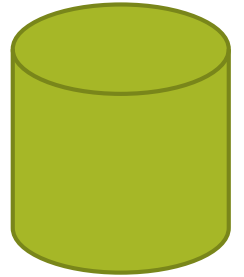
Kindle Oasis E-reader with Leather Charging Cover - Black, 6 High-Resolution Display (300 ppi), Wi-Fi - Includes Special Offers

Amazon Kindle Paperwhite - eBook reader - 4 GB - 6 monochrome Paperwhite - touchscreen - Wi-Fi - black

Amazon 9W PowerFast Official OEM USB Charger and Power Adapter for Fire Tablets and Kindle eReaders

2. Username selected in dropdown passed to R script in command line arguments using PHP

1. usernames from database table populated in dropdown using PHP



Mysql database with table containing users

4. Contents of csv file displayed in frontend using PHP

3. Results obtained by running R script are send to a csv file



Input file
(data to be trained)

R script
with UBCF
and
IBCFAlgo



User Based collaborative Filtering

- Find users similar to the user u (called the *peer users*) for whom predictions are to be made using any similarity measure like the correlation coefficient
- For each product p that the user has not seen, calculate the weighted average of the ratings given to p by the peer users
- Recommend the top- n products to the user u

Item Based collaborative Filtering

- Find items similar to the product p (often called peer group of items) using a similarity measure
- Calculate the rating that the user will give to the product p using the weighted average of the ratings given to the nearest products by the user
- Recommend the top- n products to the user

Thank You

Lets connect on Linkedin :

<https://in.linkedin.com/in/yatin-kode>

Check out my other projects on Github :

<https://github.com/yatinkode>