

Home Page

The matches message in twitter

Welcome to SmartPortable

We beat our competitors in all aspects. Price-Match Guaranteed


Save \$350 on the ASUS 2 in 1 15.6" Touch Screen Laptop Intel Core i5 12GB Memory 1TB Hard Drive - Sandblasted Aluminum Silver. #Deal

Save \$100 on the Acer Spin 15 2 in 1 15.6" Touch Screen Chromebook Intel Pentium 4GB Memory 64GB Solid State Drive - Sparkly Silver. #Deal

The relevant products in our database

Deal Matches

Acer
169.0\$




Buy Now

WriteReview

ViewReview

ASUS
399.99\$



Buy Now

WriteReview

ViewReview


Recommended products

Cart(1)

1.	LG-stylo4	: 299.99
Total		299.99
		CheckOut

Recommended Products

LG-stylo4
299.99\$




[Buy Now](#)

[WriteReview](#)

[ViewReview](#)

dell 7900
399.99\$



[Buy Now](#)

[WriteReview](#)

[ViewReview](#)

Add to cart

SmartPortables

Search Product:
search here..

[ViewOrder](#) [Hello,Customer,customer](#) [Account](#) [Logout](#) [Cart \(2\)](#)

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- [Pet Tracker](#)

[Phone](#)

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[Treadline](#)

Cart(2)

1.	LG-stylo4	: 299.99
2.	LG-stylo4	: 299.99
Total		599.98
		CheckOut

Recommended Products


LG-stylo4
299.99\$



[Buy Now](#)

[WriteReview](#)

dell 7900
399.99\$



[Buy Now](#)

[WriteReview](#)

Type here to search

ENG 9:57 PM
INTL 11/20/2018

Twitter search result

```
[201]: import re
      for tweet in timeline:
          deal = tweet['text']
          print(deal + '\n')
```

@Nick_BDGE Preview our Black Friday specials hither. <https://t.co/19Kof98wh9>

Save \$100 on the Sharp 43" Class LED 1080p Smart HDTV Roku TV. #Deal

Save \$150 on the Lenovo Yoga 730 2 in 1 15.6" Touch Screen Laptop Intel Core i5 8GB Memory 256GB Solid State Drive - Iron Gray. #Deal

RT @BestBuy: ❤️ this tweet to get the best deals on the perfect gifts! We will alert you as soon as new #BestBuyBlackFriday deals arrive.

Save \$20 on the Insignia 19" Class LED 720p HDTV. #Deal

Save \$400 on the Lenovo Yoga 920 2 in 1 13.9" 4K Ultra HD Touch Screen Laptop Intel Core i7 16GB Memory 512GB SSD - Platinum. #Deal

Save \$30 on the RCA RPJ129 720p Wireless LCD Projector - White. #Deal

RT @BestBuy: This holiday, we'll give your gifts a free ride. <https://t.co/t2y1TYh4B4> <https://t.co/dfzfCBSN3Z>

The products list in database

```
print product
for tweet in timeline:
    deal = (tweet['text'])
    if (len(re.findall('\s'+product[0]+'\\s',deal)) >= 1):
        dealMatchGauranteed = dealMatchGauranteed + [deal]
```

('Garmin',)

('apple watch nike',)

('FitBit',)

('beats',)

('bose',)

('sony',)

('Dell-Inspiron 2',)

('Pixelbook',)

('SamsungPlus2',)

('Acer',)

('dell 7900',)

('ASUS',)

('Poof',)

('GalaxyS9',)

('LG-stylo4',)

('MotoG6',)

('Nokia',)

('IphoneX',)

('Samsung-galaxy watch',)

('Samsung-gear',)

('Oculus Go',)

('Google Daydream',)

('PlayStation-VR',)

('lenovo',)

('Echo',)

('Google Home',)

('Echo Show',)

The relevant messate

```
: # Sanity Test that we got some deals
dealMatchGauranteed[:5]
```

: [u'Save \$250 on the Google Pixelbook 12.3" Touchscreen Chromebook Intel Core i5 8GB Memory 128GB Solid State Drive - Silver. #Deal',

u'Save \$100 on the Acer Spin 15 2 in 1 15.6" Touch Screen Chromebook Intel Pentium 4GB Memory 64GB Solid State Drive - Sparkly Silver. #Deal',

u'Save \$170 on the Acer Mixed Reality Headset and Controllers for Windows PCs - Blue . #Deal',

u'Save \$350 on the ASUS 2 in 1 15.6" Touch Screen Laptop Intel Core i5 12GB Memory 1TB Hard Drive - Sandblasted Aluminum Silver. #Deal',

u'Save \$300 on the ASUS 2 in 1 14" Touch Screen Laptop Intel Core i5 8GB Memory 1TB Hard Drive - Sandblasted Aluminum Silver. #Deal']

recommended result

```

View Insert Cell Kernel Widgets Help Kernel starting, please wait... Trusted
user_ratings.sort(key=lambda x: x[1], reverse=True)
top_n[uid] = user_ratings[:n]

return top_n

# First train an SVD algorithm on the movieLens dataset.
data = Dataset.load_from_file(file_path, reader=reader)
trainset = data.build_full_trainset()
algo = SVD()
algo.fit(trainset)

# Then predict ratings for all pairs (u, i) that are NOT in the training set.
testset = trainset.build_anti_testset()
predictions = algo.test(testset)

top_n = get_top_n(predictions, n=3)

# Print the recommended items for each user
for uid, user_ratings in top_n.items():
    print(uid, [iid for (iid, _) in user_ratings])

out = open(pr_file_path+'matrixFactorizationBasedRecommendations.csv', 'wb')
output=csv.writer(out)

for uid, user_ratings in top_n.items():
    output.writerow([uid, [iid for (iid, _) in user_ratings]])

out.close()

('customer', ['LG-stylo4', 'dell 7900', 'Samsung-gear'])
('customer03', ['GalaxyS9', 'PlayStation-VR', 'bose'])
('customer04', ['Samsung-gear', 'dell 7900', 'Echo'])

```

Training and test set

File Home Insert Draw Page			
POSSIBLE DATA LOSS Some features might be lost when you save it in an Excel file			
A	B	C	D
1	userName	productNa	reviewRating
2	customer	GalaxyS9	5
3	customer	Acer	4
4	customer	Echo	3
5	customer	bose	4
6	customer	PlayStation	5
7	customer04	LG-stylo4	4
8	customer04	Acer	4
9	customer04	Echo Show	1
10	customer03	LG-stylo4	5
11	customer03	dell 7900	5
12	customer03	Samsung-g	5
13			
14			
15			