

Fashion_Recommendation_System_using_Pytl

```
In [1]: import numpy as np
import pandas as pd
from sklearn.metrics.pairwise import cosine_similarity
import matplotlib.pyplot as plt
from wordcloud import WordCloud, STOPWORDS, ImageColorGenerator
from nltk.corpus import stopwords
import string

data = pd.read_csv("Mynttra kurtis.csv")
print(data.head())
```

	Brand Name	Product URL	Image	Product Ratings
0	Rain & Rainbow	https://www.mynttra.com/kurtis/rain--rainbow/ra...		4.2
1	HERE&NOW	https://www.mynttra.com/kurtis/herenow/herenow-...		4.2
2	Anouk	https://www.mynttra.com/kurtis/anouk/anouk-wome...		4.2
3	Anubhutee	https://www.mynttra.com/kurtis/anubhutee/anubhu...		4.3
4	GERUA	https://www.mynttra.com/kurtis/gerua/gerua-wome...		4.2

	Number of ratings	Product Info
0	28	Printed Pure Cotton Kurti
1	805	Embroidered Pure Cotton A-Line Kurti
2	2800	Printed Pure Cotton Indigo Anarkali Kurta
3	1100	Ethnic Motifs Printed Kurti
4	157	Ethnic Motifs Printed Kurti

	Selling Price	Price	Discount
0	837.0	1395.0	(40% OFF)
1	719.0	1799.0	(60% OFF)
2	594.0	1699.0	(65% OFF)
3	521.0	1739.0	(70% OFF)
4	449.0	1499.0	(70% OFF)

```
In [2]: print(data.isnull().sum())
```

```
Brand Name      0
Product URL     0
Image          467
Product Ratings 198
Number of ratings 0
Product Info    0
Selling Price   74
Price           74
Discount        74
dtype: int64
```

```
In [3]: data = data.drop("Image", axis=1)
```

```
In [4]: data = data.dropna()
```


	Brand Name	Product Info \
48	Tissu	Women Floral Print A-Line Kurti
11	Anubhutee	Ethnic Motifs Printed Kurti
155	Anubhutee	Women Printed Kurti
66	YASH GALLERY	Printed A-Line Kurti
27	Anubhutee	Women Printed Straight Kurti
102	AKIMIA	Embroidered Pure Cotton Kurti
88	Tissu	Women Floral Printed Straight Kurti
3	Anubhutee	Ethnic Motifs Printed Kurti
42	Rain & Rainbow	Women Printed Pure Cotton Pure Cotton A-Line K...
18	GERUA	Ethnic Motifs Printed Kurti

	Product Ratings	Score	Selling Price	Discount
48	4.4	4.338320	549.0	(45% OFF)
11	4.4	4.300868	521.0	(70% OFF)
155	4.4	4.296895	486.0	(72% OFF)
66	4.5	4.295568	629.0	(55% OFF)
27	4.3	4.274815	521.0	(70% OFF)
102	4.5	4.273667	767.0	(52% OFF)
88	4.3	4.267992	548.0	(39% OFF)
3	4.3	4.267992	521.0	(70% OFF)
42	4.4	4.264685	797.0	(50% OFF)
18	4.6	4.262359	449.0	(70% OFF)

So this is how you can create a fashion recommendation system using Python.

A fashion recommendation system is an application that recommends the most trending fashion based on the user's search query. Myntra is one of the popular e-commerce platforms known for its fashion recommendations. I hope you liked this article on building a fashion recommendation system using Python.

THANK YOU!

GitHub Link: <https://github.com/anujtiwari21?tab=repositories>