

## LITERATURE SURVEY

Date	19 October 2022
Team ID Team Leader Team Member	PNT2022TMID44592 S. Priyadharshini P. Malarvizhi Y. Swetha C. Vignesh
Project Name	Smart Fashion Recommender Application

### 1. Paper Title: Image-based fashion recommender system.

**Publication:** Year (2021).

**Author name:** ShaghayeghShirkhani.

**Methodology:** Collaborative filtering, the iterative filtering process, matrix factorization, and content-based systems. Systems for collaborative filtering make product recommendations based on user similarity metrics and/or by grouping things from similar users' purchases.

Despite the variety of collaborative filtering methods, many widely used systems can be distilled down to just two steps:

1. Seek out users who have similar rating tendencies to the active user (the user whom the prediction is for).
2. To establish a prediction for the active user, utilise the ratings from the users who shared your interests in step one.

### 2.Paper Title:Individualized fashion recommender system

**Author name:** M Sridevi, N ManikyaArun, MSheshikala and E Sudarshan

**Methodology:** This design seeks to use an image of a product provided by the stoner as input to prompt recommendations because people frequently see things that they're interested in and tend to look for products that are similar to those. We reuse the Deep Fashion Dataset (DFD) photos using neural networks, and we generate the final suggestions using a closest neighbour backed recommender.

### **3.Paper Title :A Review on Clothes Matching and Recommendation System Based on user attributes.**

**Author name:** AtharvPandit ,KunalGoel , Manav Jain , NehaKatre

**Methodology:** It's crucial to dress adequately while venturing out into the real world. The confidence of the individual is raised and a very positive impression is made when they are dressed appropriately in clothing that exhibits some degree of style and is worn in a way that complies with societal norms. The goal of the study is to make it easier for customers to locate the best-fitting outfits by taking into account fine elements like style, patterns, colours, and textures, as well as user characteristics like age, skin tone, and favourite colours. It seeks to assist the user in organising their closet and making stylish clothing selections. It makes an effort to assist the user in dressing appropriately for the occasion and in finding clothing that complements their personal style. In order to create a robust system that discovers the user's matching outfits and provides recommendations, an in-depth analysis of numerous systems that are built for various aspects is undertaken in this research. Systems created to propose clothing using various methodologies have been researched, with both their benefits and drawbacks highlighted. It has also been investigated how to make clothing detecting systems user-friendly while accepting feedback from the user.

### **4.Paper Title: An Intelligent Personalized Fashion Recommendation System**

**Author :**QingqingTuLe Dong

**Methodology:** The proposed system develops a novel way for the analysis of fashion multimedia information from both diversity and personalized aspects based on fashion

### **5 .Paper Title: Fashion Recommendation Systems**

**Author name:** SamitChakraborty , Md. SaifulHoque, NaimurRahmanJeem, Manik Chandra Biswas, DeepayanBardhan and Edger Lobaton.

**Methodology:** Fast fashion has grown significantly over the past few years, which has had a significant impact on the textile and fashion industries. An effective recommendation system is needed in e-commerce platforms where there are many options available to sort, order, and effectively communicate to user's pertinent product content or information. Fast fashion retailers have paid a lot of attention to image-based fashion recommendation systems (FRSs), which offer customers a customised purchasing experience. There aren't many academic studies on this subject, despite its enormous

potential. The studies that are now accessible do not conduct a thorough analysis of fashion recommendation systems and the accompanying filtering methods. This review also looks at many potential models that might be used to create future fashion suggestion systems.