

SMART FASHION RECOMMENDER APPLICATION

IDEATION

Fashion recommendation systems (FRS) proposed by researchers vary from each other based on the filtering techniques used, information collection and learning procedures, feature extraction methods and types of recommendations provided to users or consumers.

The paper has categorized the recommendation systems into five classes such as fashion image retrieval, a personal wardrobe recommendation system, a knowledge-based recommendation system, smart or intelligent recommendation systems and a social-network based recommendation system based on previous research and academic articles.

A fashion image retrieval system is formulated based on clusters of fashion products and their feature similarity as well as correlation analysis based on individual historical data.

A smart or intelligent recommendation approach uses features or attributes of the clothing and user in terms of users' body shapes, contextual information of wear, outfit type and genre characteristics .

A social-network-based recommendation approach offers recommendations to many social-media-based information discovery and social collaborations among potential collaborators using social networking features.

Sachdeva and Pandey focused on the analysis of patterns for different consumer groups with finely grained fashion elements using a large-scale fashion trend dataset (FIT) compiled from Instagram reports.

The usage details were provided to the Knowledge Enhanced Recurrent Network model (KERN), which takes advantage of the capacity of deep recurrent neural networks to model time series of fashion elements, considering very complex patterns effectively.

It can reinforce the prediction of styles.

With the development of AI-powered recommendation engines, recent research from Emerald Insight also shows that recommendation engines are becoming more common in the areas of fashion and apparel.

While some recommendation engine applications are standalone, other applications, with strong affiliations to maquis clients, can be integrated into the retailer-specific mobile apps of fashion brand sites.