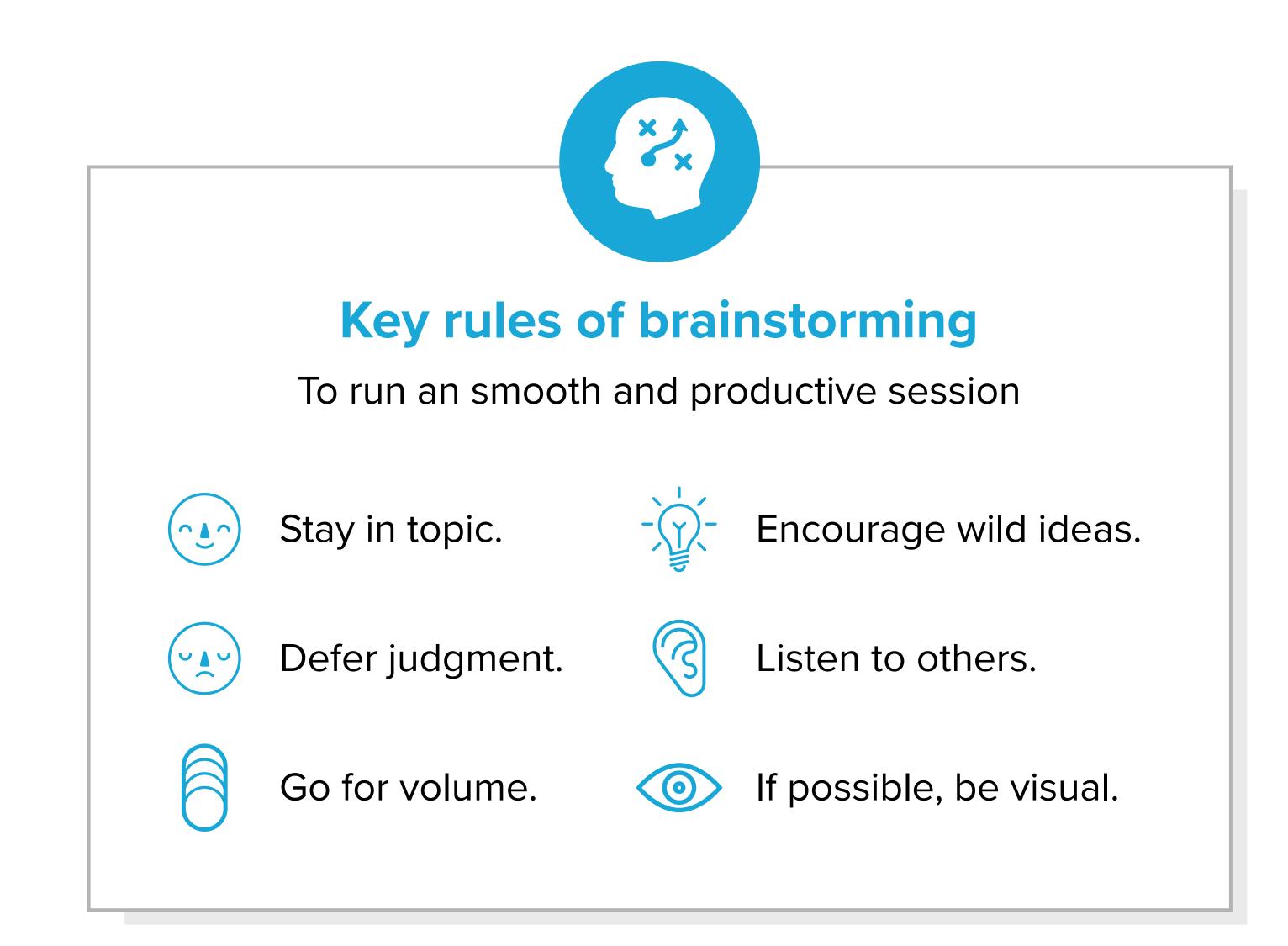


Define your problem statement

Smart Fashion Recommender Application by using the cloud computing

5 minutes

Online Recommender system for the new generation





Brainstorm

With the help of Recommender system the application developed by us will show the recommendation to the users with their provious regression or wishlists.

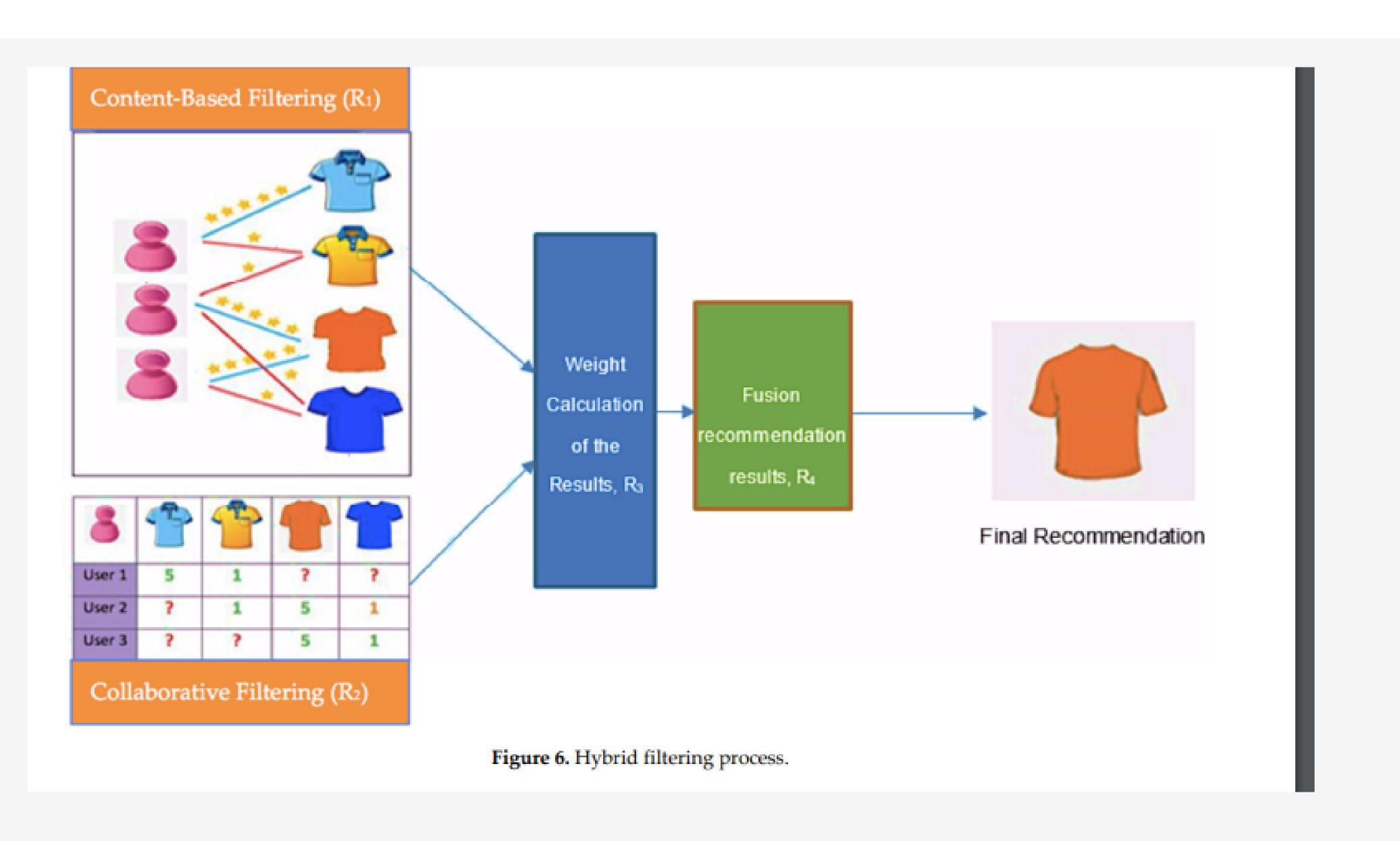
Person 1	Person 2	Person 3	Person 4
images has attracted the attention of modern-day researchers, as it can help to predict fashion trends and facilitate the development of effective recommendation systems This review paper has identified state-of-the art algorithms and filtering techniques that have high potential to become more popular in the future.	Recommendation system (RS) is referred to as a decision-making approach for users under a multidimensional information environment . The foundation of the recommendation system relies on three types of input such as explicit feedback, implicit feedback, and hybrid	A learning algorithm is applied in this phase to filter and exploit the users' features based on the feedback collected in the information collection phase. The type of metric used depends on the type of filtering technique. Root Mean Square Error (RMSE), Receiver Operating Characteristics (ROC), Area Under Cover (AUC), Precision, Recall and F1	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. Multilayer perceptron (MLP), recurrent neural network (RNN), knearest neighbor (kNN), convolutional neural networks (CNN), Bayesian networks, generative adversarial network (GAN) and autoencoder
Data can be retrieved in the forms of voting, tagging, reviewing and the number of likes or dislikes the user provides. With the continuous progress in computer vision algorithms, personalized recommendations utilizing personal factors and user reviews have become more popular	Explicit feedback needs to be of high quality as it encompasses users' explicit input regarding their interest in or choice of a product. Implicit feedback is also important in understanding users' preferences, which are inferred indirectly through observation of user behavior.	Different research addressed apparel attributes such as the formulation of colors, clothing shapes, outfit or styles, patterns or prints and fabric structures or textures fashion image retrieval, a personal wardrobe recommendation system, a knowledge-based recommendation system, smart or intelligent recommendation systems and a social-networkbased recommendation system based	The proposed CNN model achieved a maximum of Normalized Discounted Cumulative Gain (NDCG) ranking score of 0.50, which outperformed support vector machine (SVM), because SVM achieved an NDCG score of 0.45 The proposed CNN model Amazon dataset and the Aesthetic Visual Analysis (AVA) dataset to train the recommendation models and the aesthetic network, respectively. The Amazon dataset contains records of 39,371 users and 23,022 items.
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Group ideas

Our Idea on the recommendtion

① 20 minutes

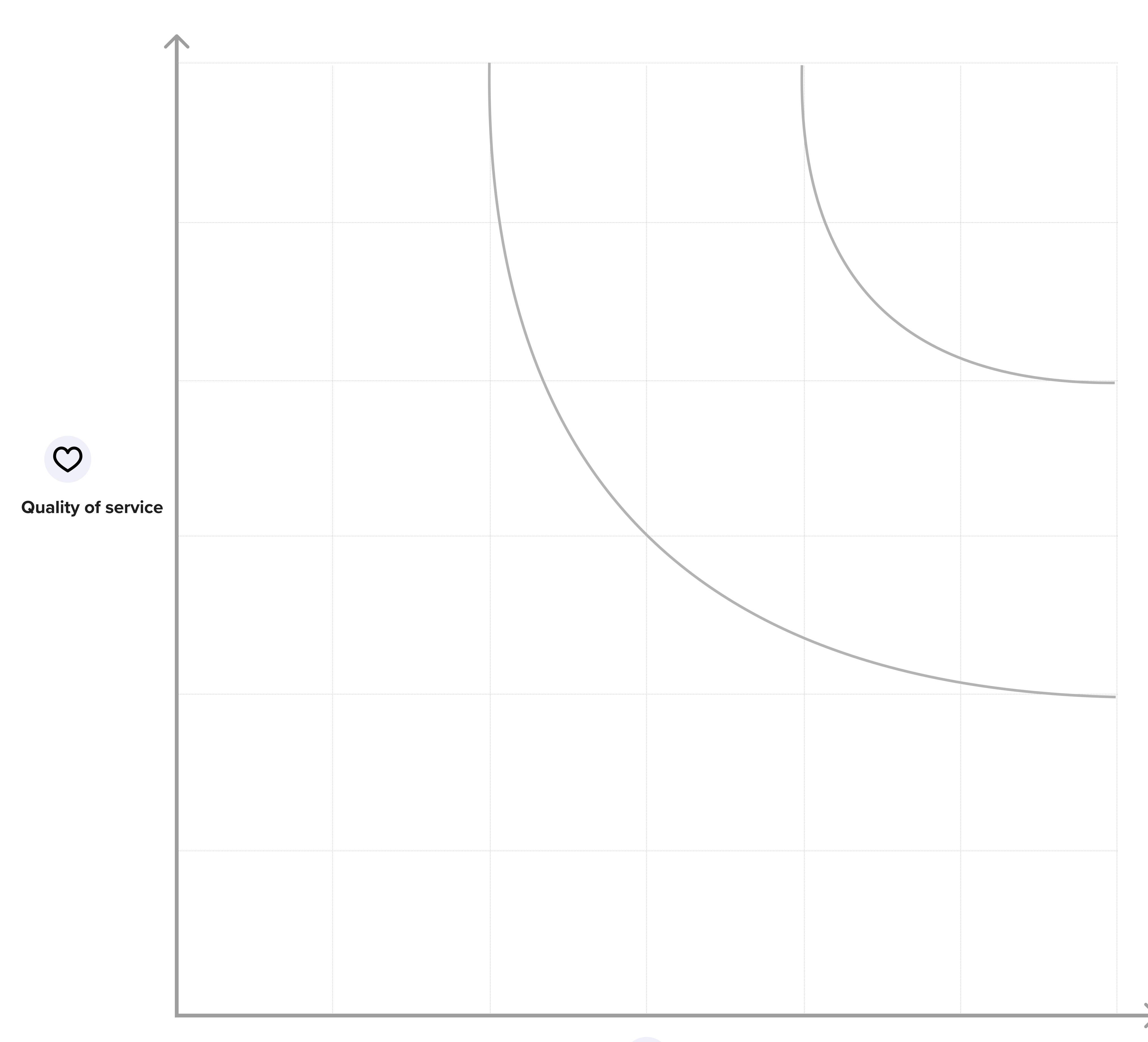


Recommendation systems have the potential to explore new opportunities for retailers by enabling them to provide customized recommendations to consumers based on information retrieved from the Internet. They help consumers to instantly find the products and services that closely match with their choices. Moreover, different stat-of-the-art algorithms have been developed to recommend products based on users' interactions with their social groups. Therefore, research on embedding social media images within fashion recommendation systems has gained huge popularity in recent times. This paper presented a review of the fashion recommendation systems, algorithmic models and filtering techniques based on the academic articles related to this topic. The technical aspects, strengths and weaknesses of the filtering techniques have been discussed elaborately, which will help future researchers gain an in-depth understanding of fashion recommender systems. However, the proposed prototypes should be tested in commercial applications to understand their feasibility and accuracy in the retail market, because inaccurate recommendations can produce a negative impact on a customer.



Prioritize

① 20 minutes





bility