**TOP IDEAS**

**Smart Fashion Recommender Application**

* In recent years, the textile and fashion industries have witnessed an enormous amount of growth in fast fashion. On e-commerce platforms, where numerous choices are available, an efficient recommendation system is required to sort, order, and efficiently convey relevant product content or information to users. Image-based fashion recommendation systems (FRSs) have attracted a huge amount of attention from fast fashion retailers as they provide a personalized shopping experience to consumers. With the technological advancements, this branch of artificial intelligence exhibits a tremendous amount of potential in image processing, parsing, classification, and segmentation.
* The modern web platforms dealing with large number of items are using recommender systems to suggest automatically new interesting items to users and, hence, to keep them using the platform. From the users' perspective, recommender systems help them to handle information. In this paper, a Framework for Cloud Based Hybrid Recommender System (FCHRS) for Big Data Mining is proposed and methods and algorithms that are used in the framework are discussed. It is based on the Iterative collaborative filtering, which traditionally is the most used approach, and on the Sentiment Analysis (known as opinion mining) as well. It refers to the use of natural language processing, text analysis and computational linguistics to identify and to extract subjective information.
* **The massive growth in the data volume provided by the development of the computational capacity has exceeded the users' cognitive ability to analyse large data masses. This paper presents the research and development of a file’s recommendation engine in a cloud storage environment, using the content-based technique filtering added to cloud factors. Thus, it proposes a cloud-based recommendation model. The main contribution from this work is the use of cloud factors, which when applied in generating of recommendation can infer considerable gains in terms of recommended files availability and the saving time by the user in the search for new contents, besides to filter relevant contents in an immensity of data stored into the cloud.**