LITERATURE SURVEY

The textile and apparel industries have grown tremendously over the last years. Customers no longer have to
visit many stores, stand in long queues, or try on garments in dressing rooms as millions of products are now
available in online catalogs. However, given the plethora of options available, an effective recommendation
system is necessary to properly sort, order, and communicate relevant product material or information to
users. Effective fashion RS can have a noticeable impact on billions of customers' shopping experiences and
increase sales and revenues on the provider-side.
The goal of this survey is to provide a review of recommender systems that operate in the specific vertical
domain of garment and fashion products. We have identified the most pressing challenges in fashion RS
research and created a taxonomy that categorizes the literature according to the objective they are trying to
accomplish (e.g., item or outfit recommendation, size recommendation, explainability, among others) and type
of side-information (users, items, context). We have also identified the most important evaluation goals and
perspectives (outfit generation, outfit recommendation, pairing recommendation, and fill-in-the-blank outfit
compatibility prediction) and the most commonly used datasets and evaluation metrics.