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Product-Based Collaborative Filtering Recommendation System for E- Commerce

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Abstract: Recommendation System are an application of ML. RS in any E-commerce websites are an important aspect as they are needed to satisfy the customers and for a better user experience. They help to suggest the best possible products a user might want to buy. The Product- based Collaborative Filtering is used in RS to suggest the desired products in an efficient way. They will allow a customer using the website to buy a product of a particular brand or of a certain price limit. Further it will not need much struggle as it will use the previous history of the user to recommend the products. This method can further enhance the UI. Further RS also has its roots in DL where we can use Neural networks for the RS.

Keywords: ML (Machine learning), RS (Recommendation System), UI (User Interface), DL(Deep Learning).

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