



Image Based Recommendation System – What does this Application do ?

Image Based Recommendation System

Available at: <http://algorithms.hopto.org:7001/>



- Recommendation system based on just the **images of the products**
- System suggests similar looking products (pattern, color, etc.)
- No user specific data is required

Image Based Recommendation System

- Problem Statement : Recommend products from the products catalog based on the image of the original product
- Dataset : Around 70K images of different products from three main categories : Shoes, Clothes , Electronics

Real World Example

Input Product Image



Recommendations by our Image based RecSys



- Time taken for generating real-time recommendation for input product: < **100 milliseconds**
- Practical benefit: only **product image** is required to build a recommendation system
- The algorithm gave **better** results than a **market leader in Image analytics**

Thank you!