

List of Problem Statements

1. In India, E-commerce is growing day by day. It is a tedious task for customers to find the appropriate product from the very wide collection of products. Smart Fashion Recommendation System helps the customer by recommending the products based on their needs and preference instead of searching the products.

2. Who does the problem affect?

When the customer is unable to find the product of their choice

- Unhappy customers who did not get their desired product.
- The seller who lost a potential sale or even a client in some cases.

3. What are the boundaries of the problem?

- Requires a huge data set to train a reliable system.
- Customer's data needs to be collected, stored and analysed.
- Only in-stock items should be recommended.
- Items should be recommended according to the customer data.

4. What is the issue?

- Customer becomes unsatisfied when recommendation system doesn't give the relevant items.

5. When does the issue occur?

The desired product will not be recommended if

- The user data is insufficient.
- The product is not available in stock.
- Synonymy problem: When the same product is listed under different names.

6. Where is the issue occurring?

- Due to lack of knowledge about the products.
- Use of incorrect dataset.

7. Why is it important that we fix the problem?

- It saves customer's time.
- It increases sales.
- To make the desired products more accessible to customers.