

# **Personalised Body Type Fashion Recommender and Classifier**

# The Problem

The fashion industry's current recommendation systems currently focus only on purchase history, similar buying patterns and new trends.

They lack personalization based on a user's body type. Fashion being a way to express oneself, each piece should be chosen such that it flatters one's particular body type.

You may ask yourself why this trendy outfit that looks so good on this person not look as good on me? We are often unhappy with our purchases for this reason.



# Our Solution

We attempt to solve this issue by recommending products for the user's body type that are more likely to suit the user's figure.

To address this, we propose a deep learning-based recommendation system that personalizes clothing suggestions based on body shape, hence providing better results than existing methods.

# 01

## Classification

New and trendy outfit images from the internet are classified into body type categories using our ML model.

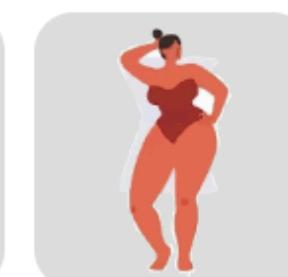
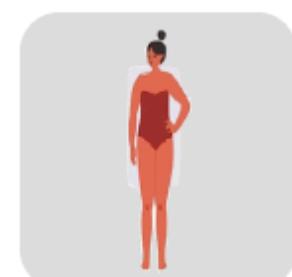
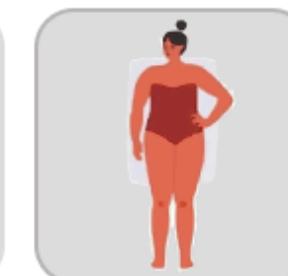
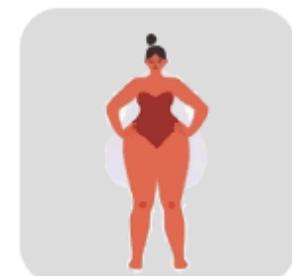
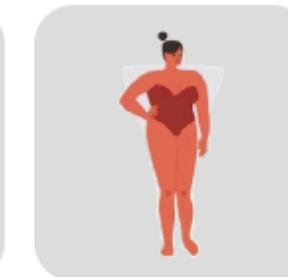
# 02

## Identify User Body Type

A questionnaire is used to identify the user's body type.

### Select your body type

Unsure of your body type? NEW  
[Use our calculator!](#)



CONTINUE

### Body Type Calculator

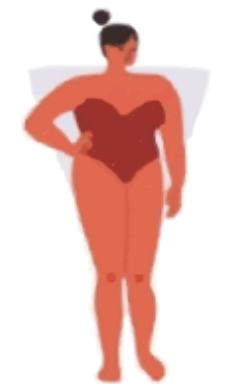
Bust Size  in

Waist Size  in

High Hip Size  in

Hip Size  in

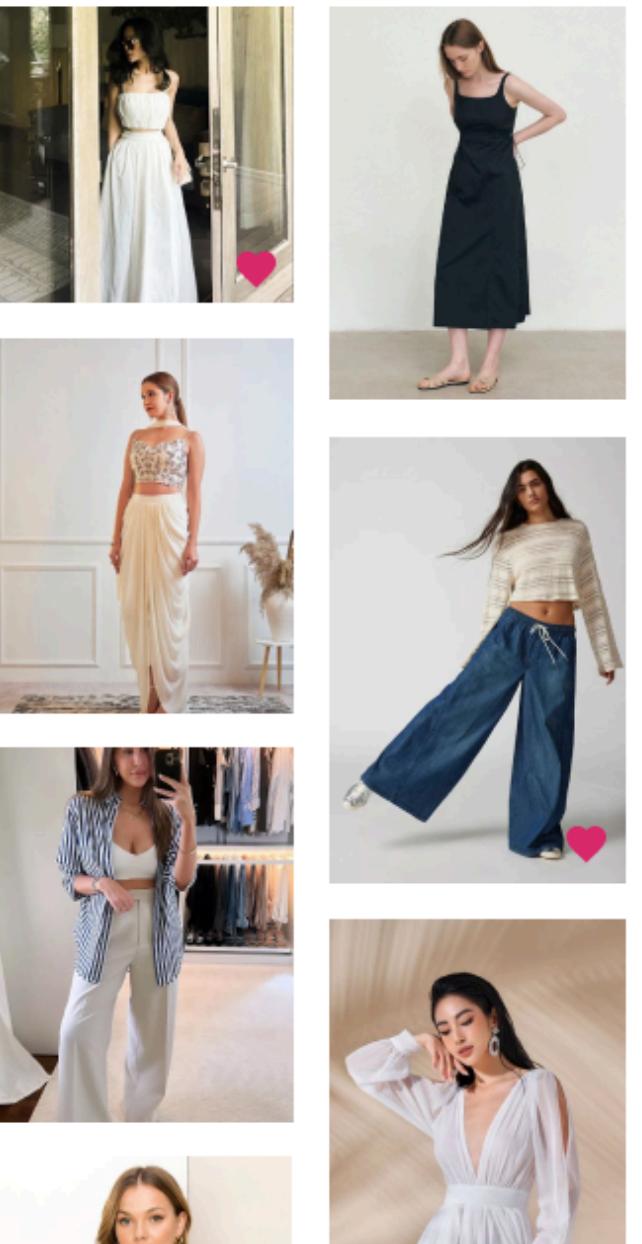
CALCULATE



You are a  
Inverted  
Triangle

CONTINUE

## Browsing for Inverted Triangle



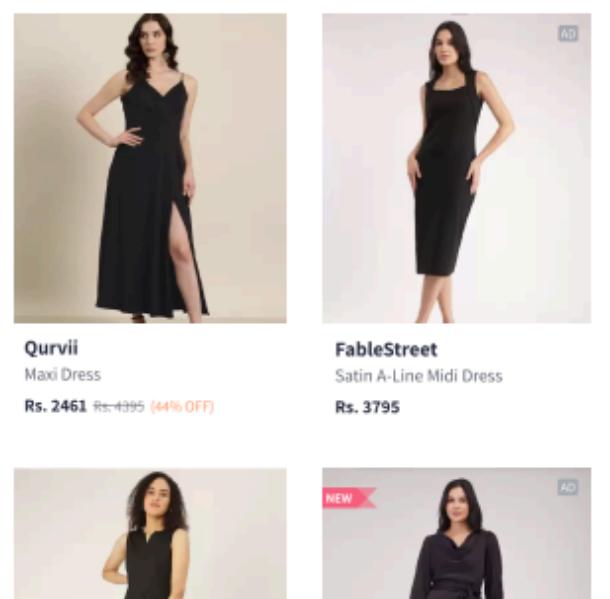
# 03

## Classification

Trendy outfit images from the user's body type class are displayed. The outfits can then be scanned to find similar outfits.



Similar Myntra Products



# 04

## Recommendation system

Recommendation system based on which images the user favourites. The user's style will be learned.

# Benefits

## Today's trendy outfits

Our system uses current internet trends' images to make sure that the latest fashions styles are recommended.

## Styles that fit the user

We provide a personalized shopping experience, helping users find clothing that fits their unique body shapes perfectly.

## User's taste easily accessed

Our system recommends styles by analyzing users' choices, ensuring that each suggestion aligns with their unique fashion sense.

thank you