

AI-Based Fashion Curator

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Problem

- Online Shopping takes a lot of time and effort sifting through different websites.
- Size can be very inconsistent based on what is seen online.
- Finding exactly what you are looking for is based on what websites your search engine shows you
- For more specific searches it is harder to find exactly what you are looking for

Solution

- An AI based shopping assistant that learns from the user.
- Help the user determine fit and intention and make it easier to find exactly what they are looking for.
- Different than standard search engines as they only search with input text, but this gets personalized with a person over time.
- Standard search engine also only show popular brands or sponsored brands while this allows for smaller reputable brands to be shown if it matches the users request.
- Helps users by find clothes exactly to their wishes and retailers by lowering return rate of clothes

How will AI be incorporated into the project ?

- Understanding user intent through different NLP methods to not just search what the user types but what they might be intending.
- Personalized results based on information provided by the user like height/weight and calculating what lengths could be considered cropped or baggy etc.
- Uses AI based methods to show a ranked based output that tries putting the closest match to the users query at the top.
- Uses feedback from user for future suggestions.

Where is the Data coming from?

- Data for this project would come from affiliate network APIs
- Affiliate networks are basically the middleman between retailers and publishers.
- Allows access to certain information across many different sellers.
- The specific one to be used in this project is Skimlinks
- Skimlinks provides information like price, product description, product title, etc for over 48,000 sellers.