

Facial Recognition between Whites and POCs

March 30, 2022

Purpose

- Find a model that recognize users' face accurately regardless of their racial background

– Steven H. Yang, Minerva University

Model Design

Model 1

- Collect White ppl's facial image
- Result an eigenface

Model 2

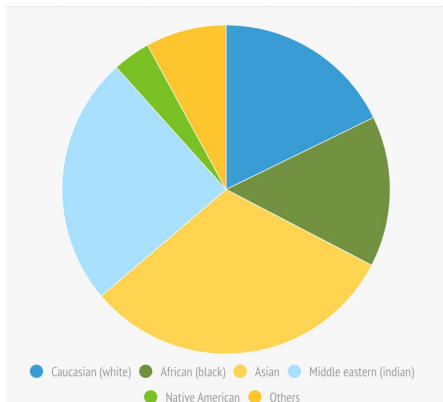
- Collect POC's facial image
 - Result an eigenface
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In Detail

Differentiate and Go Further in Model 2

- Repeat the previous procedure with different racial backgrounds:
 - Asian, Black, Latinx, and etc.
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In Detail

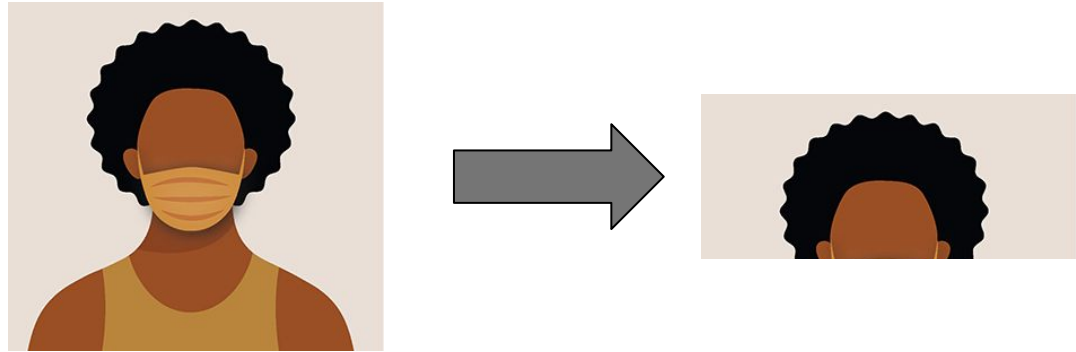


Combine the racial data to make a cumulative model

- Training data includes different data from different racial background of people according to the race of the world population ratio.
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Bonus

Crop the image upto just above the nose to see how this will impact when people are wearing masks.



Bonus



Steven Yang 3:29 PM

Can I have a permission from you including your photo in my presentation slide 😊 ? It's for an explanation



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pwatson 3:55 PM

Caption--Prof. Watson, whitest person.
