

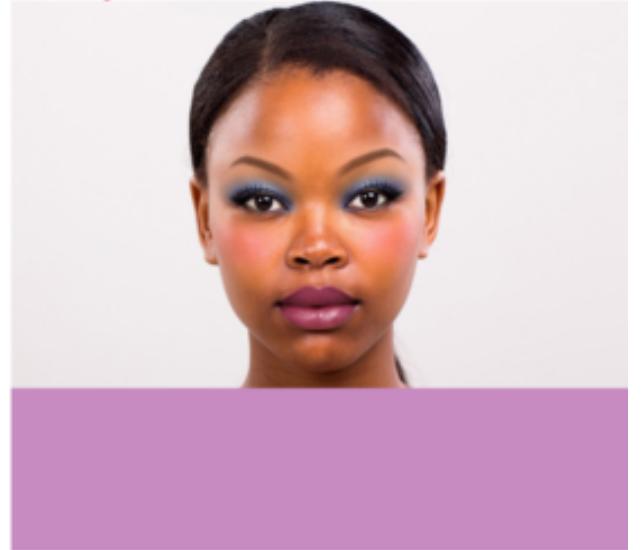
Skin tone classification using ML

Shorouk batrah -Linah aljawi -Essra sultan

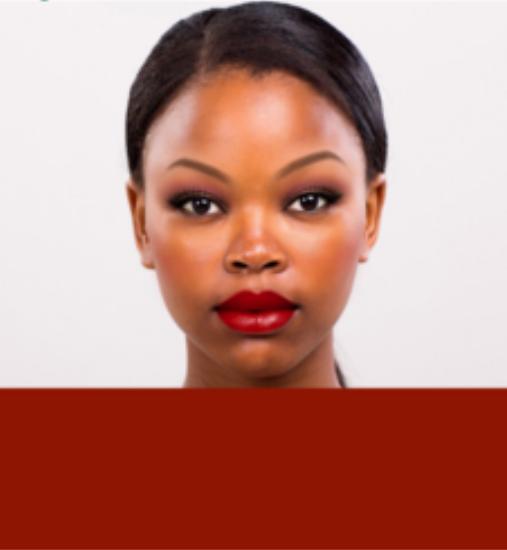
Idea

Analyzing people's skin tone to link it to appropriate colors palette that does not make them appear sick or pale. In this project, we aim to build a smart model that classifies skin tone (from the picture) to an appropriate season. The color seasons refer to two main types of seasons, which are cold and warm

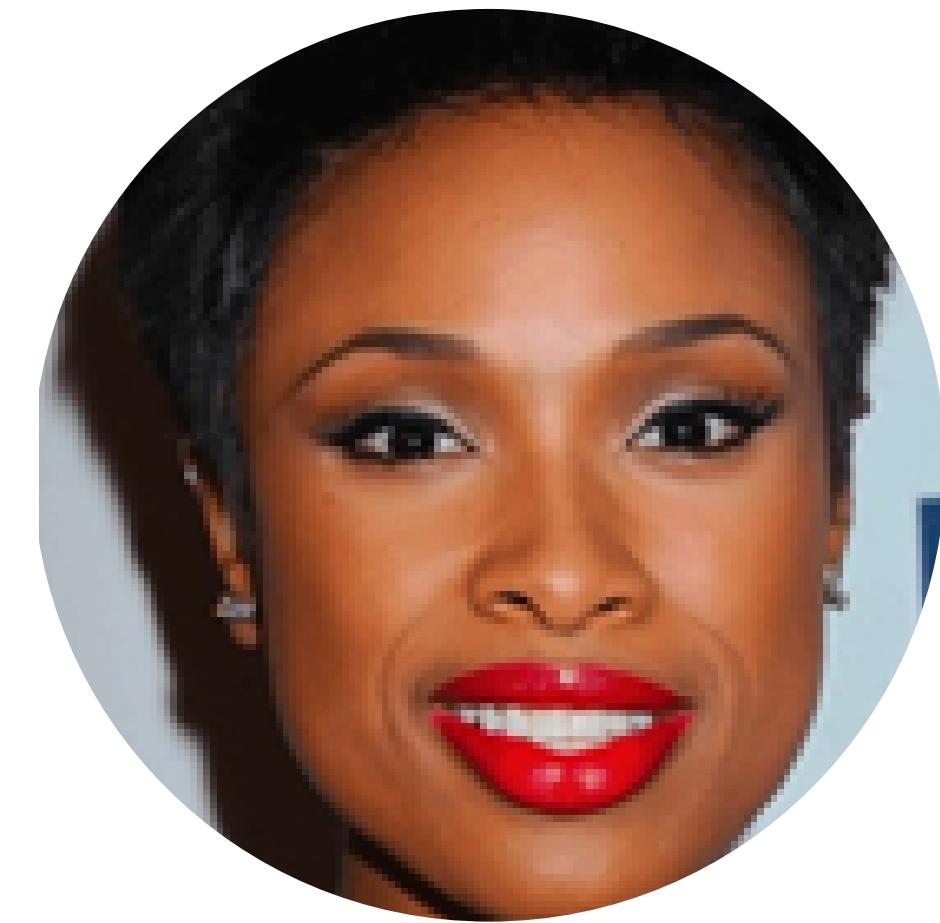
X Summer Colors



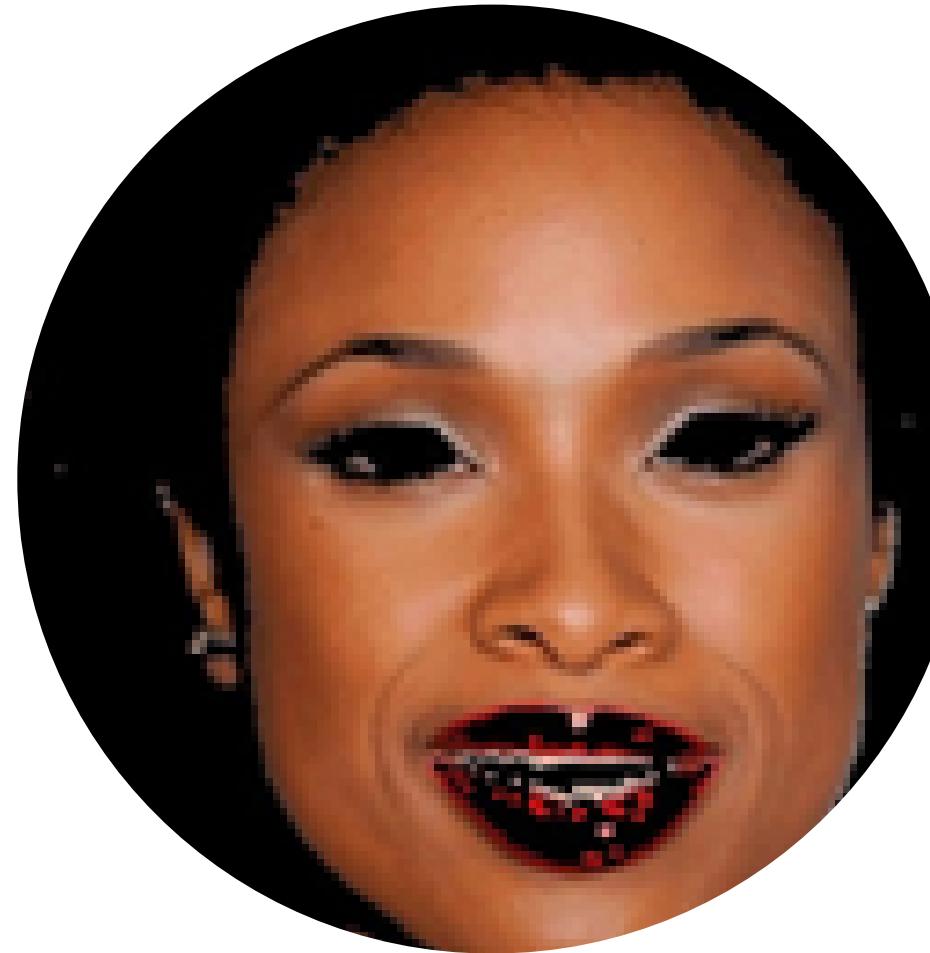
✓ Autumn Colors



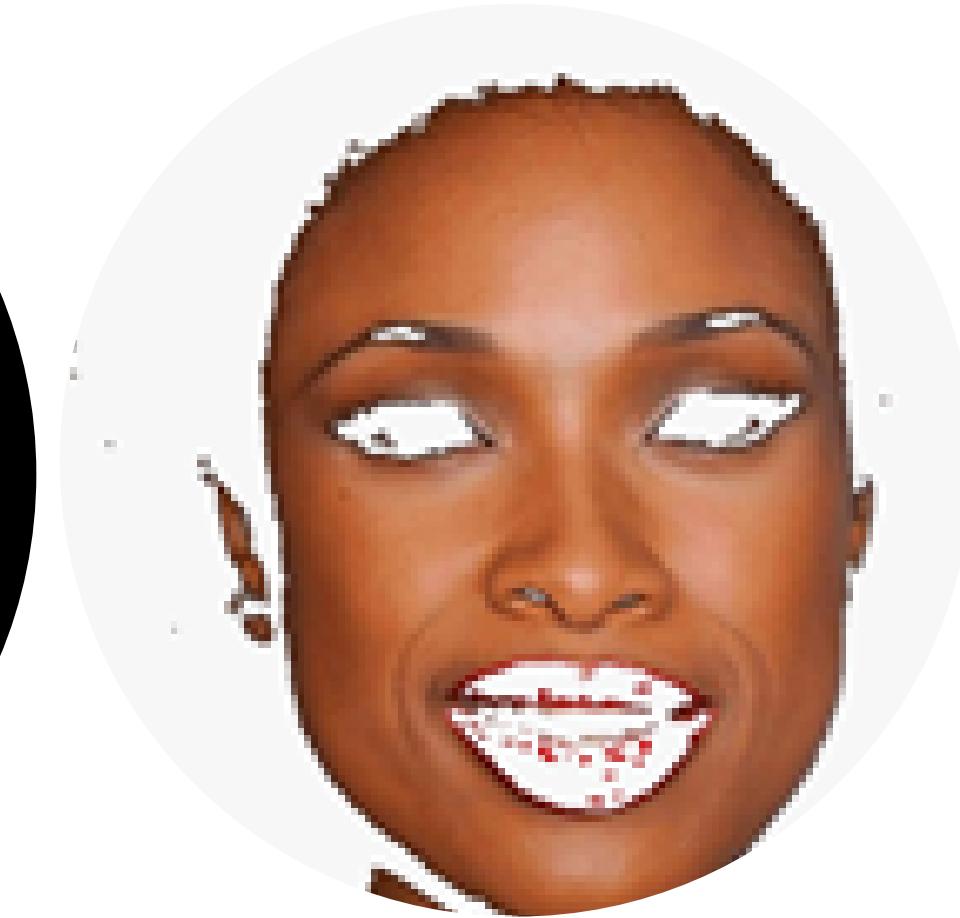
Data preparation and labeling



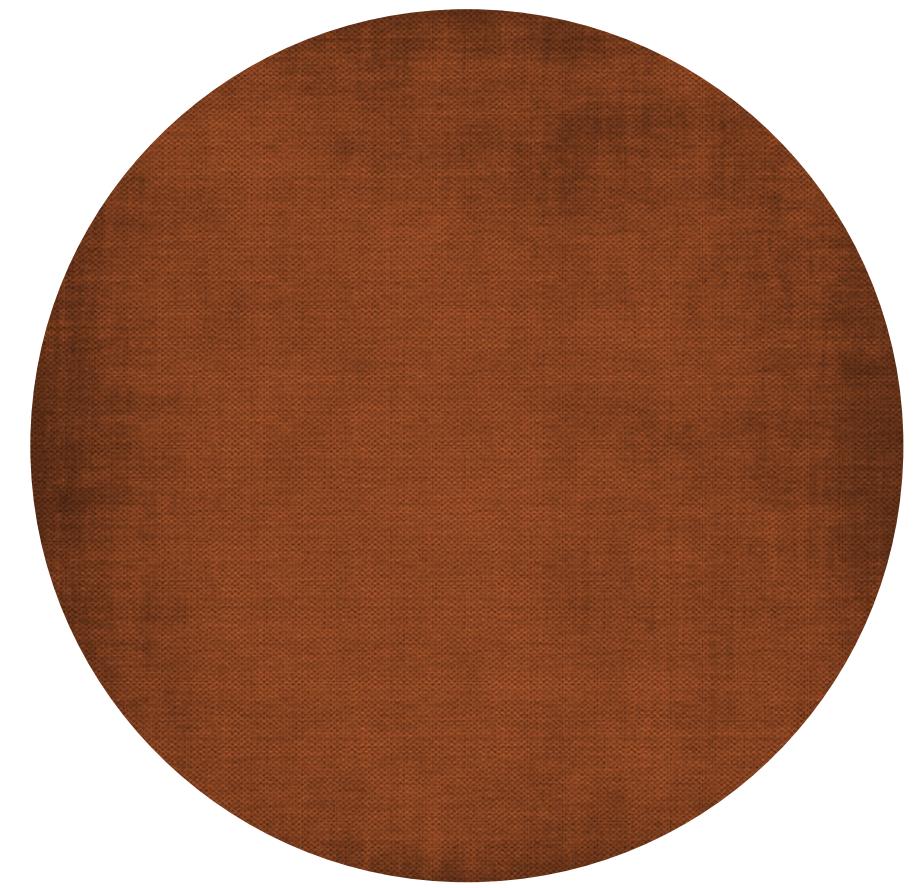
DATA LABLING



SKIN DETECTION



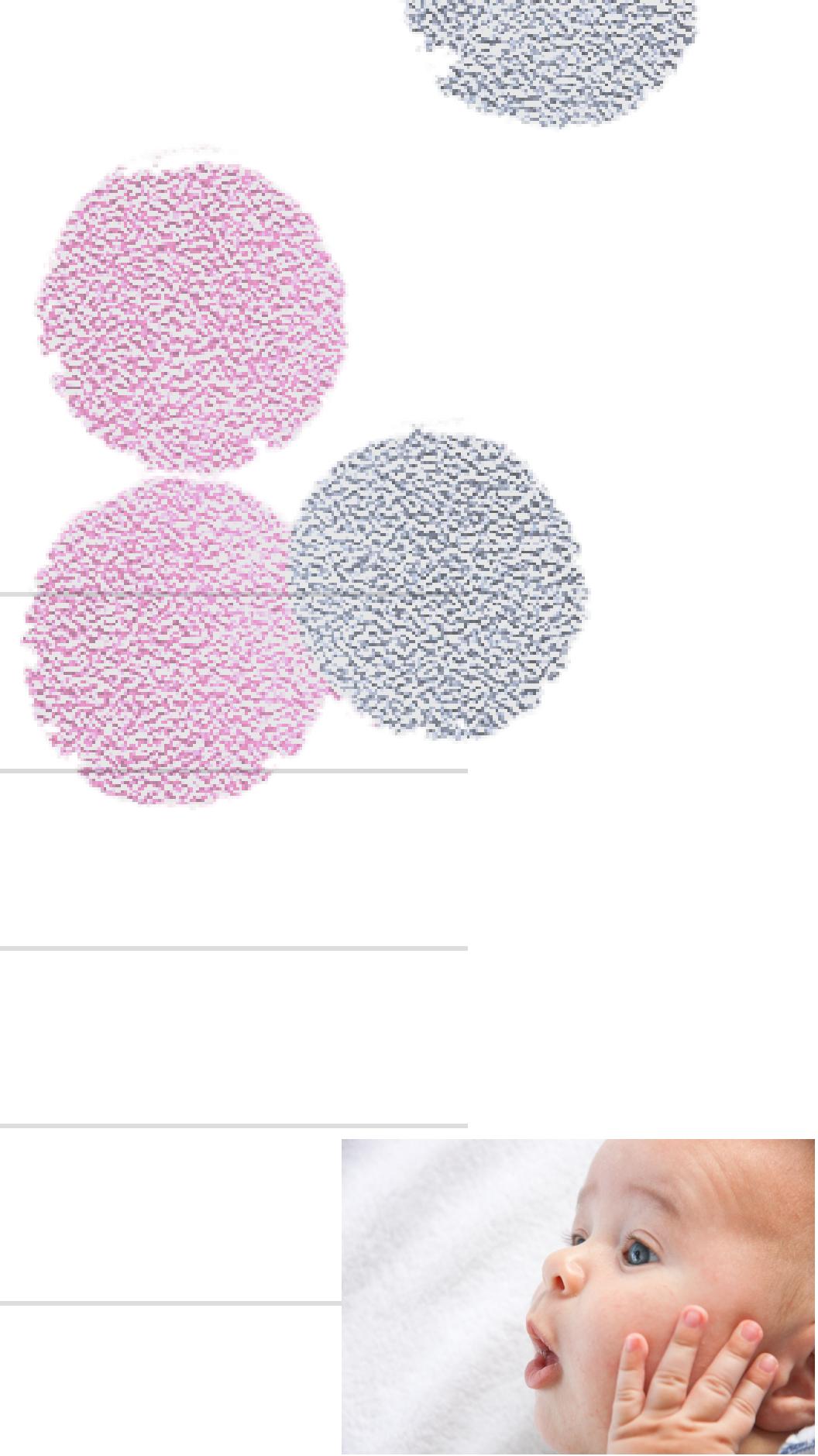
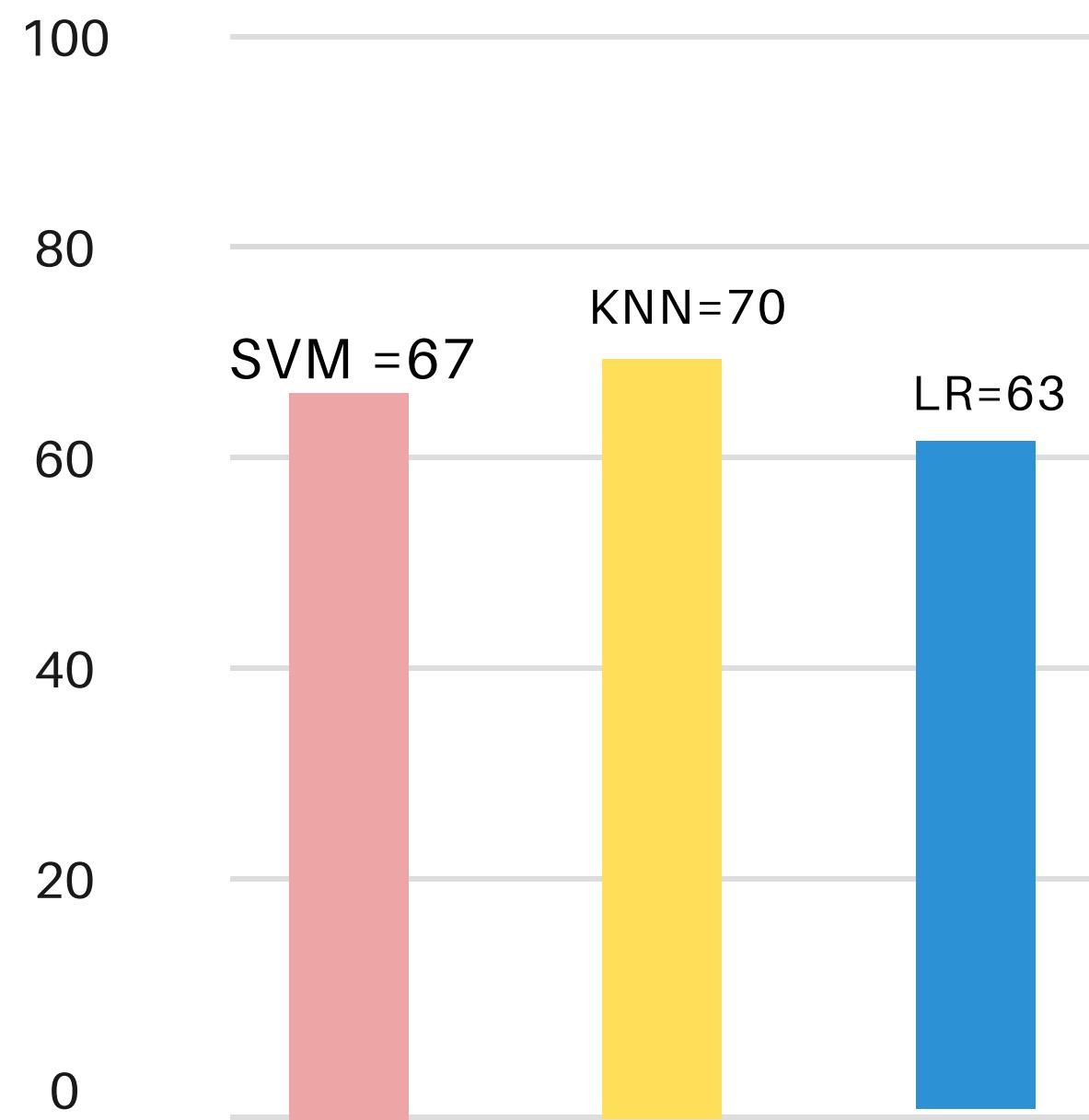
REMOVE BLACK

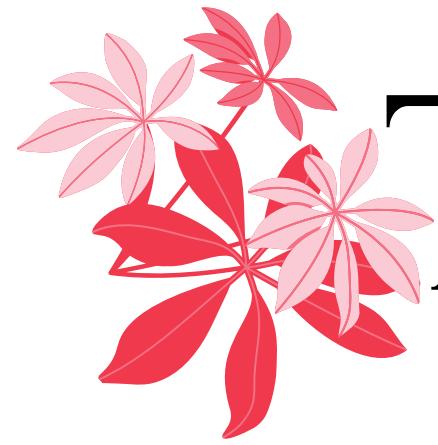


SKIN COLOR EXTRACTION

MODELS AND THEIR ACCURACY

3NN preform the best with accuracy =70%





Thanks for listening!

KEEP CALM AND STAY
BEAUTIFUL

