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(57) Abstract :

[0011] The first thing we do after we wake up in the morning is look into the mirror, even often throughout the day. We planned on doing the same for mirrors, such as being more interactive, informative and entertaining. What if mirrors are your assistant, they could give you beauty tips, guide you in the makeup process, suggest you attractive spectacles and hairstyles, they could deliver personalized news feeds. The camera mounted on the mirror takes a live feed of the person, performs face recognition for personalization and detects facial landmarks to try-out spectacles and makeup tips, this is done with Haar cascades, HOG and Linear SVM algorithms. As peoples preferences are stored in the cloud and deep learning is performed on these data, the trained model is then retrieved by the mirror to give better suggestions.

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