



Face Recognition

Recognition of individual faces by a security camera:

The goal is to train a facial recognition model to recognize faces and identify potential threats.

Keymakr collected and annotated more than 20 million images of various people. For each person's image, there were a number of attributes to track: facial annotation – marking all facial features, for example, eyes, nose, brows, etc. The next step was to add attributes for each individual image depending on the requirement such as of gender, age, ethnicity, expressed emotion and mark the accessories like hat or glasses.

In addition to the images, Keymakr provide 1000 hours of video footage with people from various angles. Throughout the videos, each person has a mugshot and at its side an assigned ID.

As a result, the security camera AI was able to recognize individual faces from different angles, even in a crowd.

Face recognition in a crowd video: https://www.youtube.com/watch?v=v-i3mJo_u4I&feature=youtu.be

