

Computational Trick to make Deployment better - Precompute the f(x) values for all the employees So that if new employee walks in, then hopefully his/her Imagés f(x) will be very close to the f(x) found in the database (of his own previous Image)
& .. he will be able to walk through the door quickly - If a Random person (not an employee) walks in, then his f(u)will not match Any of the f(n) in the database :. the difference will be large => he wont be let through

Summary

Image 1 Image 2

(Sane person)

Image 1 Image 2

Image 1 Image 2

(Different person)

- Trained on Siamese

network with encodings f(n)

as output