Scene 1. Joaquin, Julia and Azu are recorded in MIDS shirts.

Julia: you know, there is one question in life I really want to know an answer for…

Joaquin *(confidently!):* why can't penguins fly!

Julia: Close! How the phone can recognize the faces? Wouldn’t it be awesome to do something like this?

Azucena: if only we were data scientists and knew something about machine learning then we can do this magic too…

*All three look at each other. “Idea” sound.*

Scene 2.

Azu: if we only we had a lot of data…

Julia: so much data that we can train the model to recognize us…

Joaquin: obviously everyone will want to use our app…What’s an easy way to train and deploy model and to make it accessible for anyone at any time?

All together: CLOUD!

Scene 3.

Julia: let’s record the videos of each person! Each video has thousands of images – it will be enough to train the model!

Azu: we need to first crop the video to frames and then we could use a pretrained model like VGG-16 to detect faces!;

Joaquin: then we can mapped images which are matrices to a vector to get something called image embeddings.

Julia: voila! We have all we need to train the model! SVM is way to go – classic is always a good approach and we trained it using SageMaker like Noah taught us!

Azu: let’s use Flask app to make the process smooth and beautiful.

Scene 4: *all three look extremely proud and look straight to the camera.*

Let us demonstrate this masterpiece

DEMO STARTS