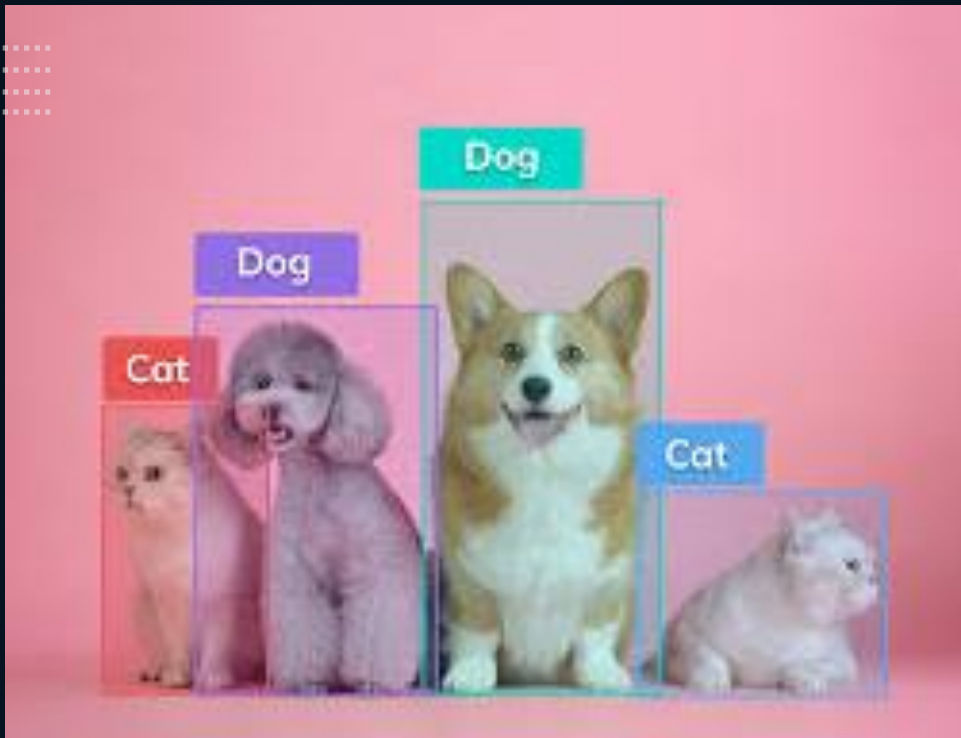
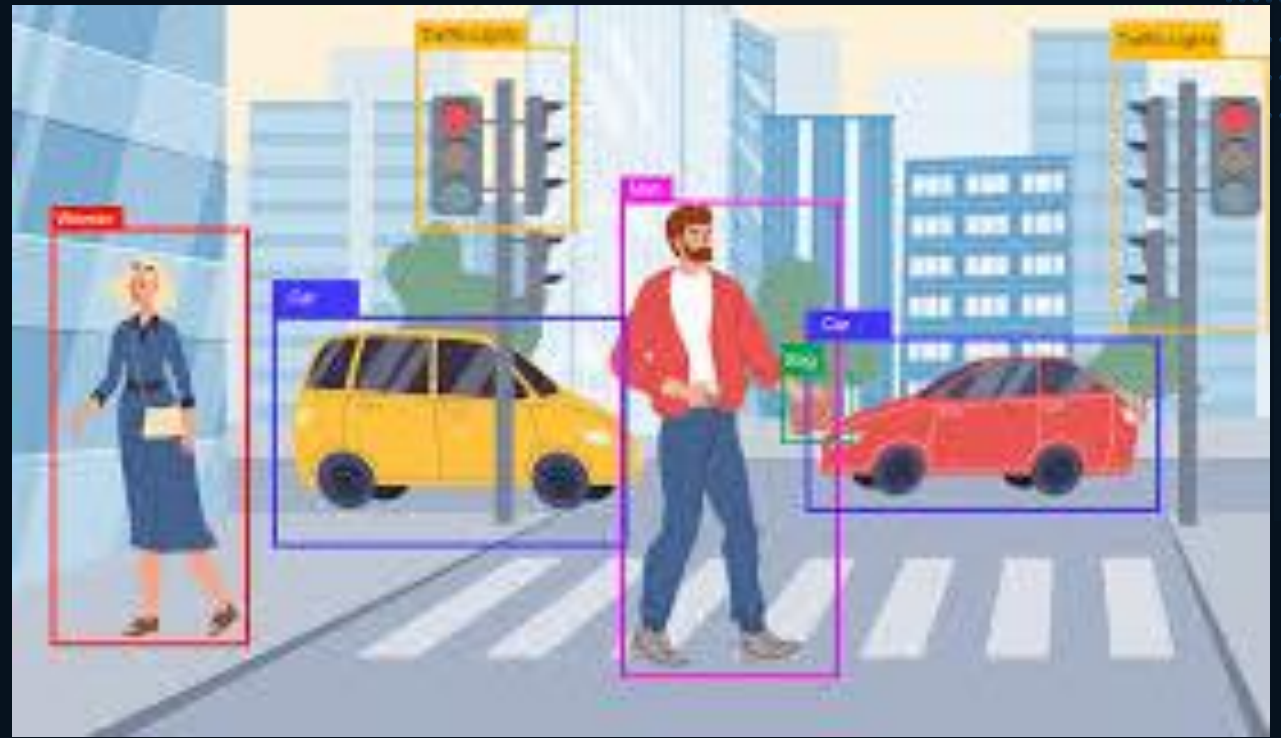


Modelo de detección y reconocimiento facial

Gregorio Alvarez



Clase1, Clase2, ... Clasen

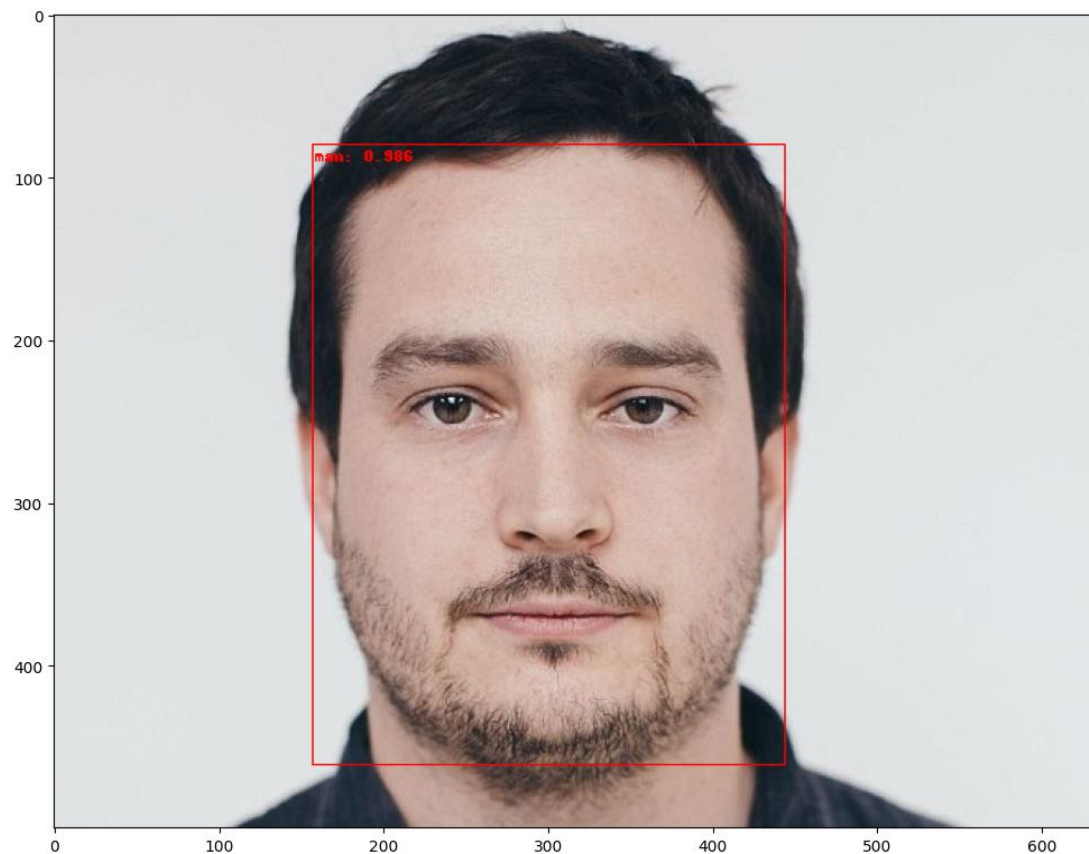


- $X_{min}, y_{min}, x_{max}, y_{max}$

Classes:

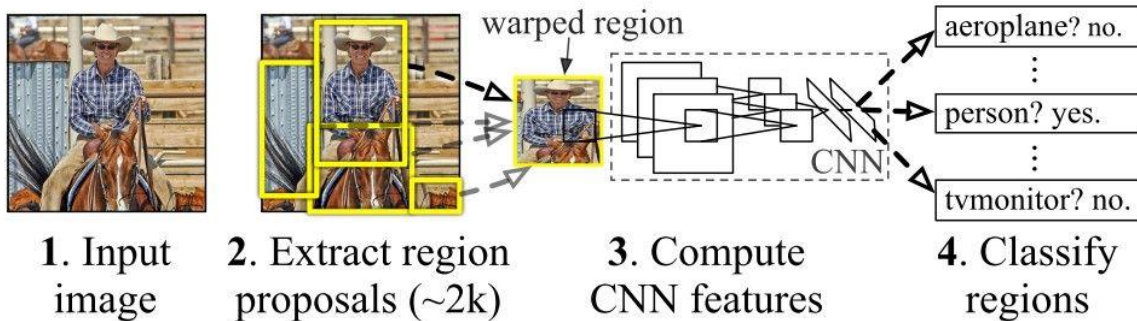
Masculino

Femenino



Faster R-CNN

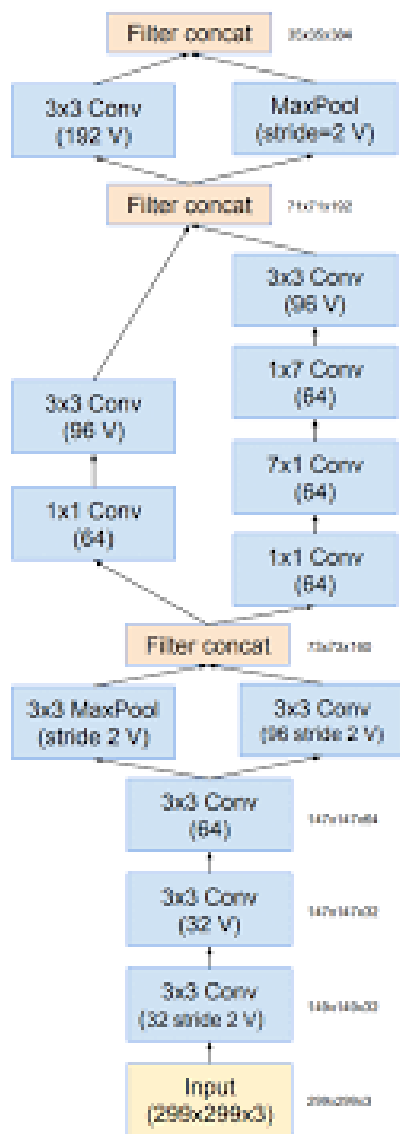
Localización de caras y clasificación de genero



Costo

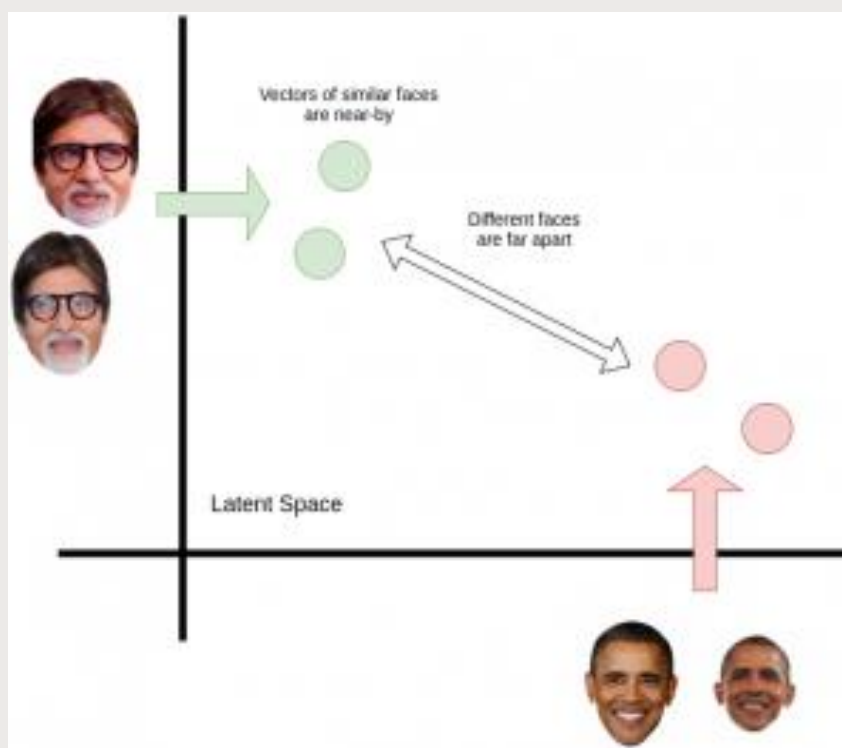
IOU (MSE)

Softmax



Inception-Resnet v1

Reconocimiento facial



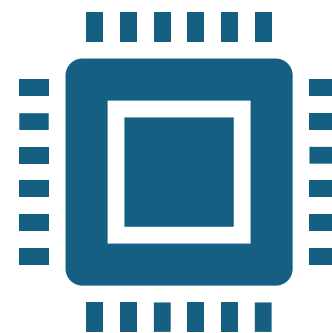
Fuente: <https://www.baseapp.com/deepsight/a-comprehensive-guide-to-facial-recognition-algorithms-part-2/>

Fuente: <https://iq.opengenus.org/inception-resnet-v1/>

Resultados

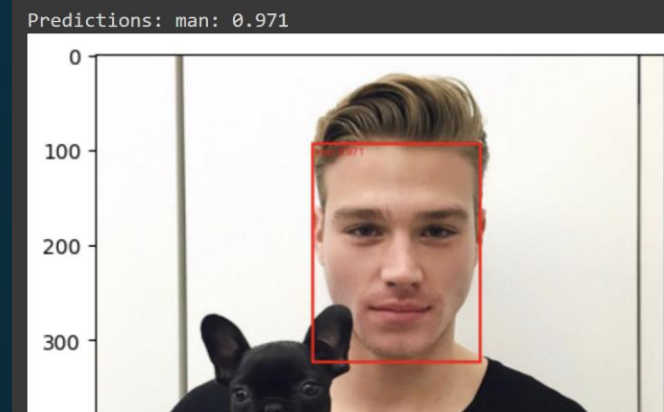
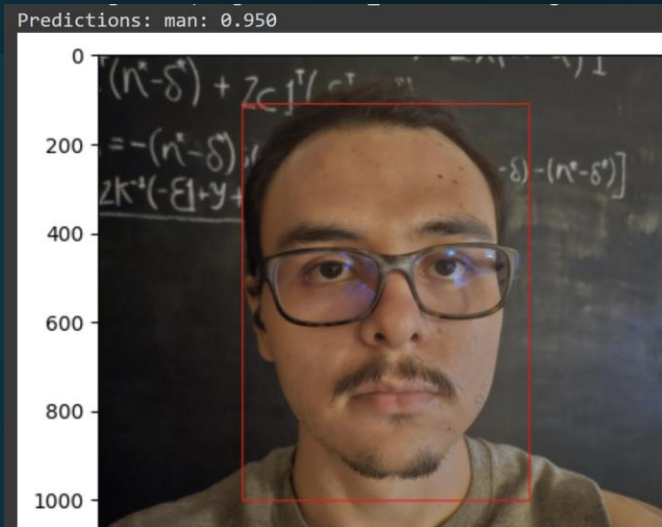


Average Precision (AP): 0.7245



Average Recall (AR): 0.5855

Predicciones





Gracias