

EPQ

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What is facial recognition and what is it being used for?

The difference between face detection and recognition

Conventional facial recognition

Why should we be worried about it?

Companies using it to track you

Chinese social credit system

Why it really matters

Implementing a facial recognition system.

A Basic Overview of Machine Learning

What is a model?

How are models trained?

What is deep learning?

Two different problems

YOLO Architecture

What is YOLO trying to do?

Resnet Architecture

Darknet Architecture

YOLO Training

Dataset

BABY Architecture

What is BABY trying to do?

Unsupervised learning

Auto-encoders

The advantage of unsupervised learning

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BABY Training

Dataset

What can it do?

How other systems may differ.