

Welcome to the first Homework Challenge of this course!

Many companies today use Computer Vision in their core business to detect emotions. For example, Apple recently bought Emotient, a startup that builds Computer Vision tools to recognize people's feelings (more info [here](#)).

Building an AI that sees emotions can be highly valuable in some markets. Imagine if you could detect people's emotions when they are watching movies. That would have a powerful impact on the cinema industry and bring significant added value to companies like Netflix or Time Warner for which you could build powerful recommender systems based on Computer Vision applications able to understand emotions.

The Homework of this first module is to make a simple Computer Vision application that can detect one emotion: happiness. Your mission is therefore to build a Smile Detector.

I wish you good luck, and I'll see you in the next tutorial for the solution.

Enjoy Computer Vision!

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