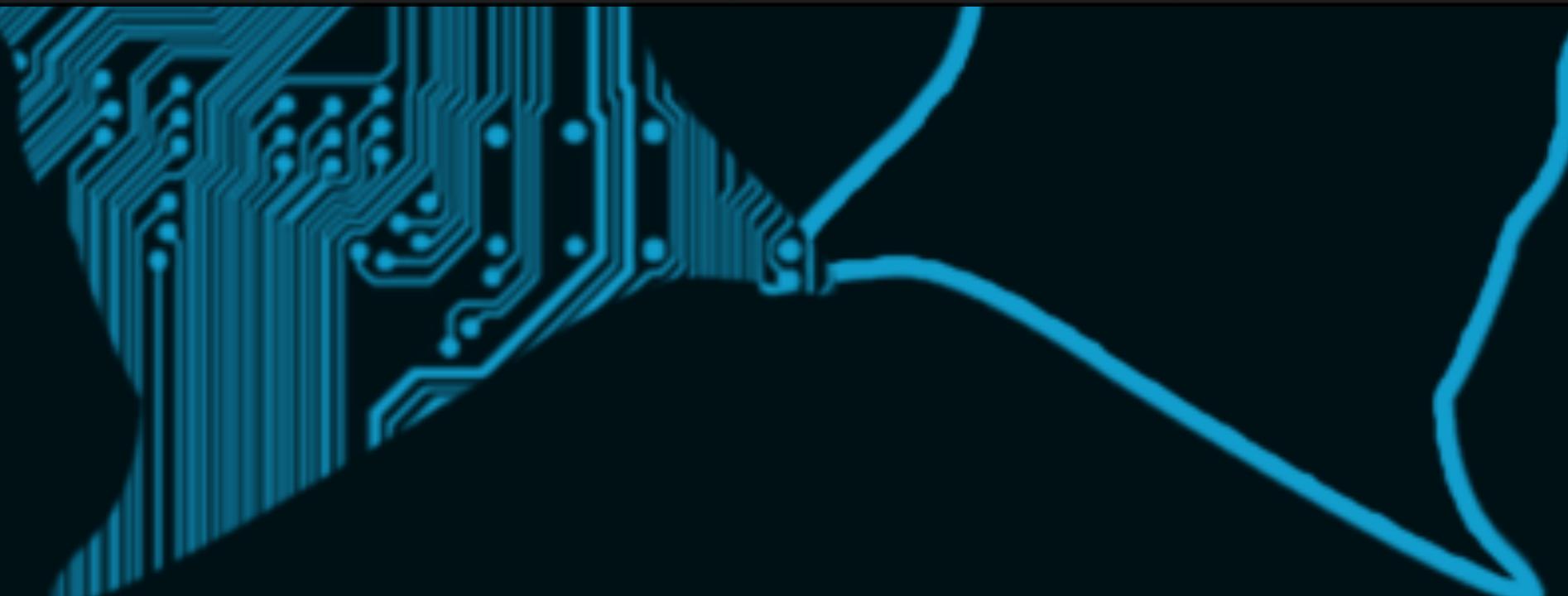


CUSTOM VISION: O ALTĂ VIZIUNE MOBILE





Microsoft



MW Microsoft #WEEK

Learn | Practice | Empower

Academia de Studii Economice Bucureşti
Universitatea Politehnică Bucureşti

Mai multe
detalii pe:



Microsoft Student Partners ASE
Microsoft Innovation Center UPB



msp.ase



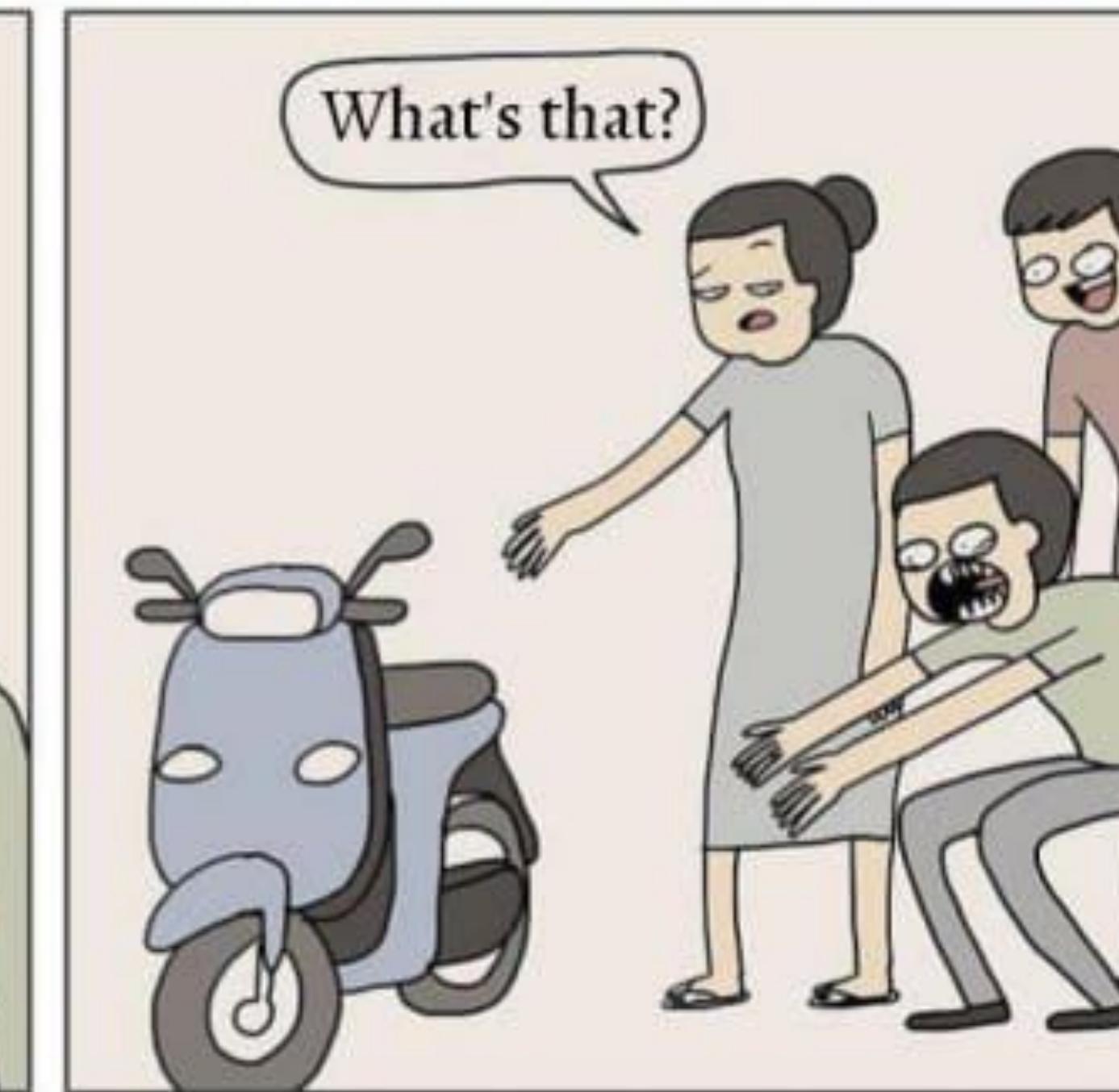
PETRESCU ALEXANDRU

MSP UPB TECHNICAL LEAD
EXE SOFTWARE R&D
XAMARIN & SQL INSTRUCTOR @ ACADEMY
AI WANNA BE RESEARCHER

PROBLEMA

- Ajungem grăbiți în hiper market
- Ne este foarte sete
- Ajungem, într-un final la raftul cu băuturi
- Vedem aşa ceva





CONCLUDE

VOM CREA O MAMĂ ARTIFICIALĂ

CUM ASTA ESTE APROAPE
IMPOSSIBIL DEOARECE
TEHNOLOGIA NU A AJUNS AŞA
DE DEPARTE... NE VOM MULTUMI
CU "NEXT BEST THING"

COMPUTER VISION

COMPUTER VISION

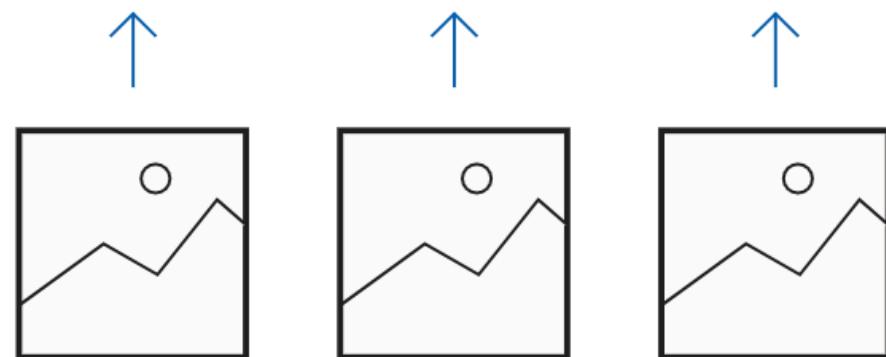
- Ramură a domeniului vast numit Inteligență Artificială
- Multipli algoritmi de învățare automată care presupun, în general rețelele neurale
- Algoritmi specifci numiți "DEEP"
- Procesare mai bună pe GPU



Visual Intelligence Made Easy

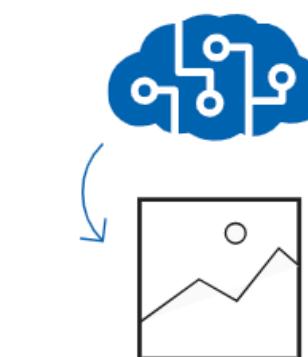
Easily customize your own state-of-the-art computer vision models that fit perfectly with your unique use case. Just bring a few examples of labeled images and let Custom Vision do the hard work.

SIGN IN



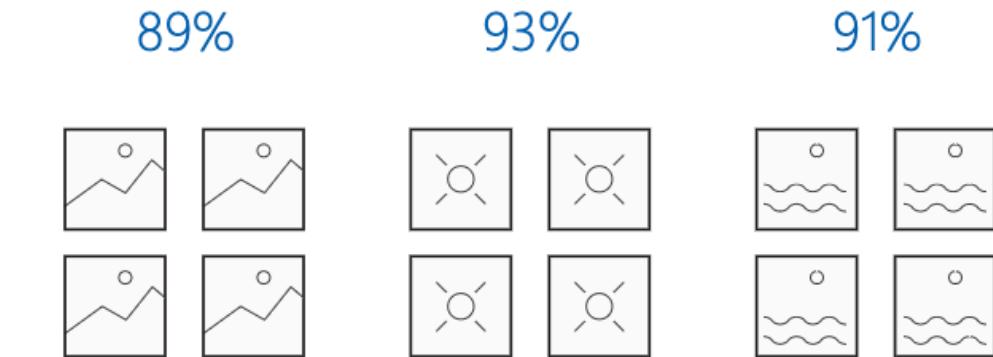
Upload Images

Bring your own labeled images, or use Custom Vision to quickly add tags to any unlabeled images.



Train

Use your labeled images to teach Custom Vision the concepts you care about.



Evaluate

Use simple REST API calls to quickly tag images with your new custom computer vision model.



Xamarin project written in C#



iOS

Platform specific features

Platform specific UI

Platform specific code

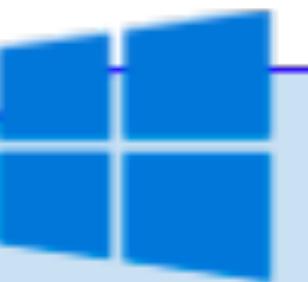


Android

Platform specific features

Platform specific UI

Platform specific code



UWP

Platform specific features

Platform specific UI

Platform specific code

**Other targets:
macOS, WPF, ...**

Platform specific features

Platform specific UI

Platform specific code

Common code via **.Net standard** or **shared project**

Autofac, MVVM Light

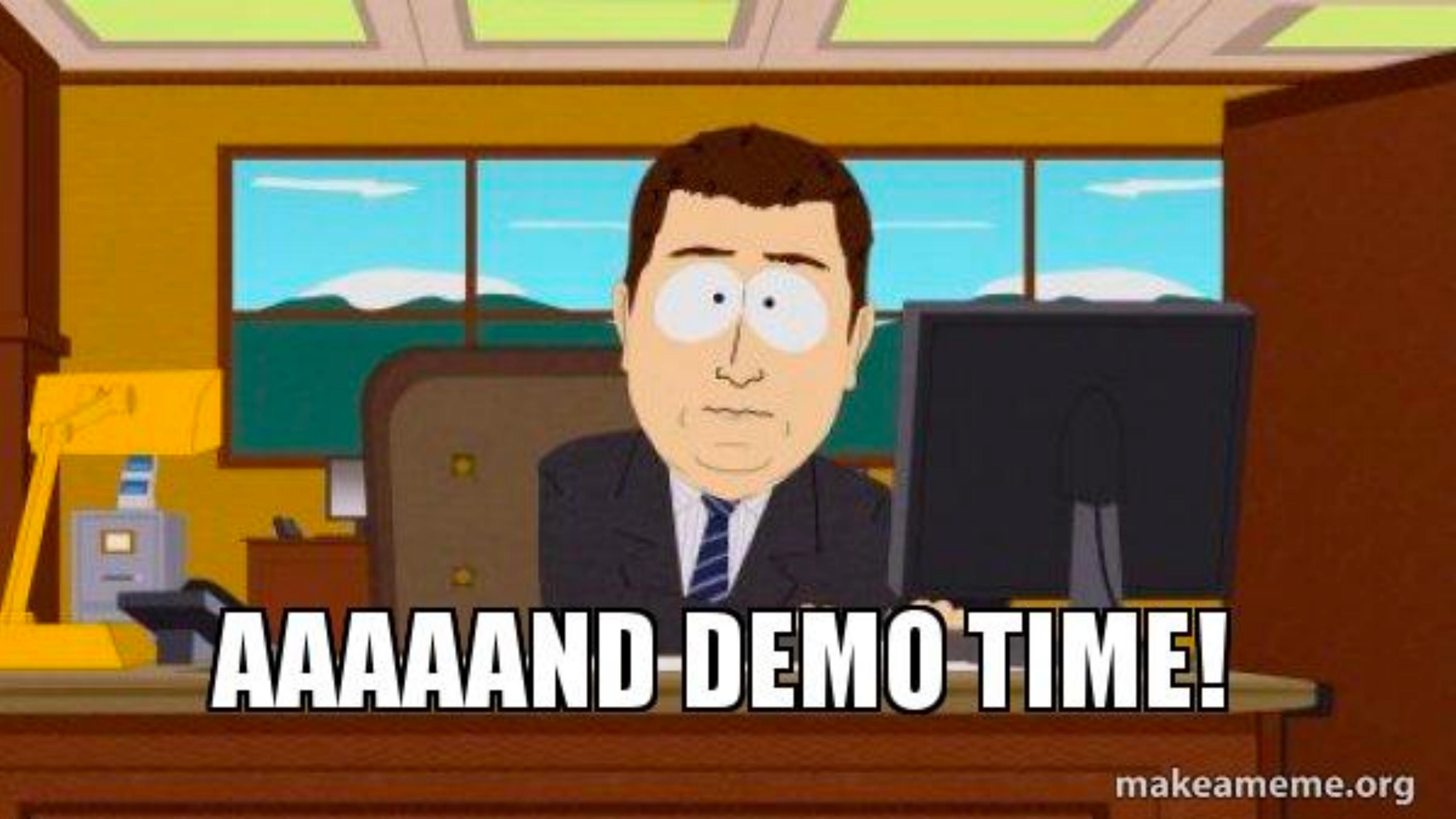
XAMARIN.FORMS

JSON.Net

Entity Framework Core

.NET Core

Other Libraries

A cartoon illustration of a man with brown hair, wearing a dark suit jacket, a white shirt, and a blue striped tie. He is seated at a wooden desk, looking directly at the camera with a neutral expression. Behind him is a window showing a landscape with green hills and a blue sky. To his left, there's a yellow chair and some office equipment. The overall style is reminiscent of a Saturday Night Live sketch.

AAAAAND DEMO TIME!