E<sup>3</sup>UDRES<sup>2</sup> ILL AI and Robotics

MACHINE LEARNING USE-CASES FOR SUSTAINABLE AGRICULTURE AND FOOD QUALITY





#### E³UDRES²?



Who will help you on your Journey?

### Bence Tarr

Assistant Lecturer and Phd. student Hungarian University of Agriculture and Life Sciences Institute of Technical Sciences Department of Informatics



## What we will find out together?

- Discover no-code or low code Al solutions
- Discover free food related databases
- Build a prototype AI solution for food quality or sustainable agriculture

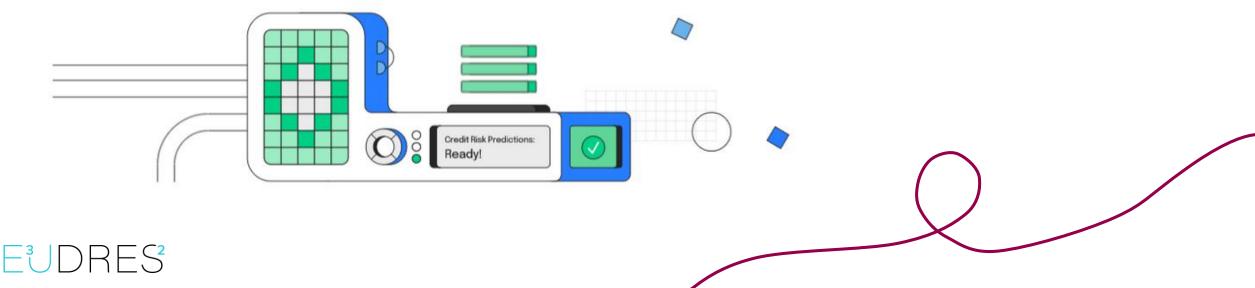


#### E³UDRES²

## Skills you need

- > Interest in AI: Be open to find out how AI can help a better life
- > Ready to learn new things: Many new applications exist for AI let's learn to use them
- No need to code: Don't be afraid, it is not just a software or algorithm problem we need to solve. We have to find the best way to use the power of Al!

obvisusly.ai



## E³UDRES²: WHO WE CAN HELP

Agriculture

Farmers, producers for better control Food

producers for better quality food Predict better food

Precision agriculture

Artifical
Intelligence in
use

New Ideas Low-Code or No-Code

No need for programming background

Save food, save our natural recourses

AI

For everyone



#### E3UDRES2 PROTOTYE

### Outcome:

## Al solution

- to help save food
- to create better quality food or drink

### > Future skills:

- Communication skills
- Creative problem-solving

## Beta application

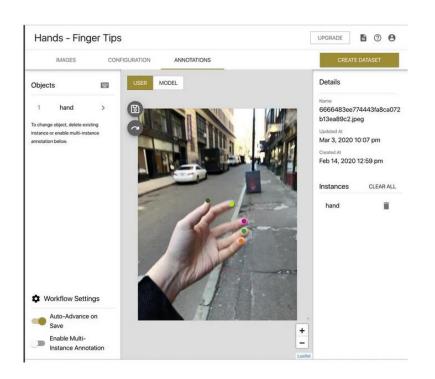
 An AI based application to help sustainable agriculture and food quality

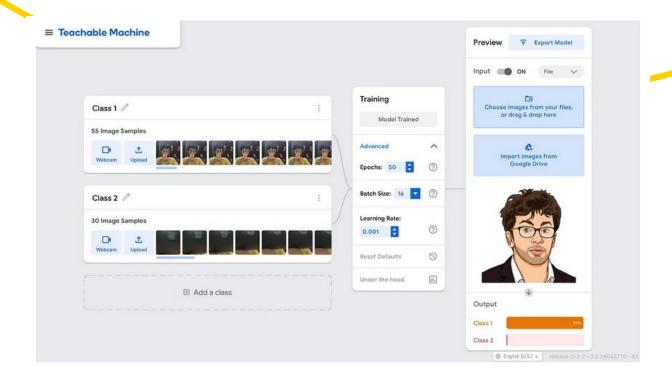
- Work collaboratively
- Technology usage and control



#### SAMPLE AI APPLICATIONS

Let's find out the next Al solution for a better and more sustainable life together!







## EJDRES

Engaged and Entrepreneurial European University as Driver for European Smart and Sustainable Regions

#### **Bence Tarr**

tarr.bence@uni-mate.hu



www.eudres.eu



@eudres\_european\_university



E³UDRES²



E³UDRES² European University



**EUDRES European University** 



# EJDRES

Engaged and Entrepreneurial European University as Driver for European Smart and Sustainable Regions

## **JOIN OUR ILL**

MACHINE LEARNING USE CASES FOR SUSTAINABLE AGRICULTURE AND FOOD QUALITY

