# Implementing Artificial Intelligence for *Emotion Detection*

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# Hey, I'm Isa =)

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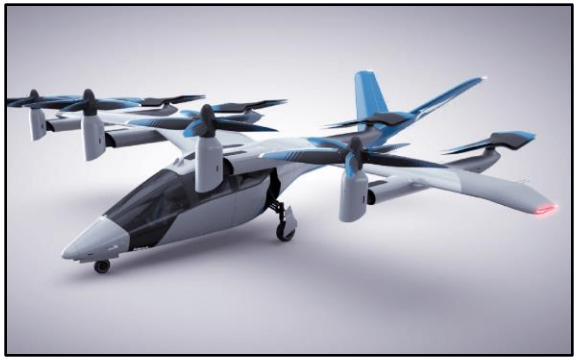

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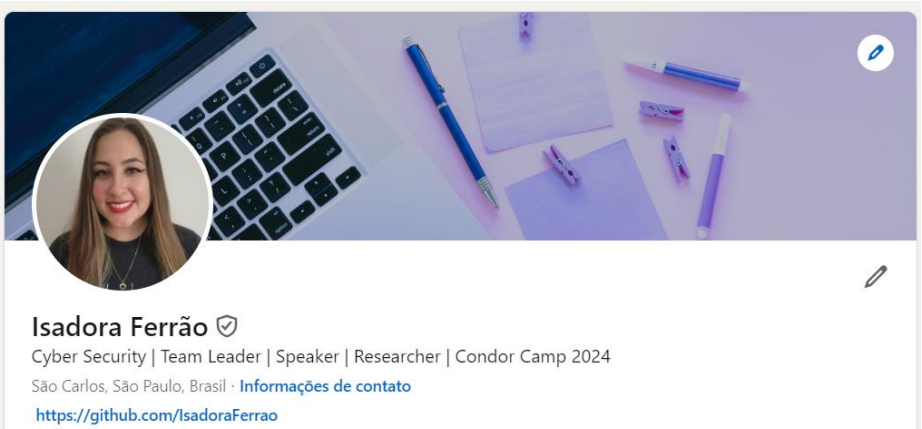


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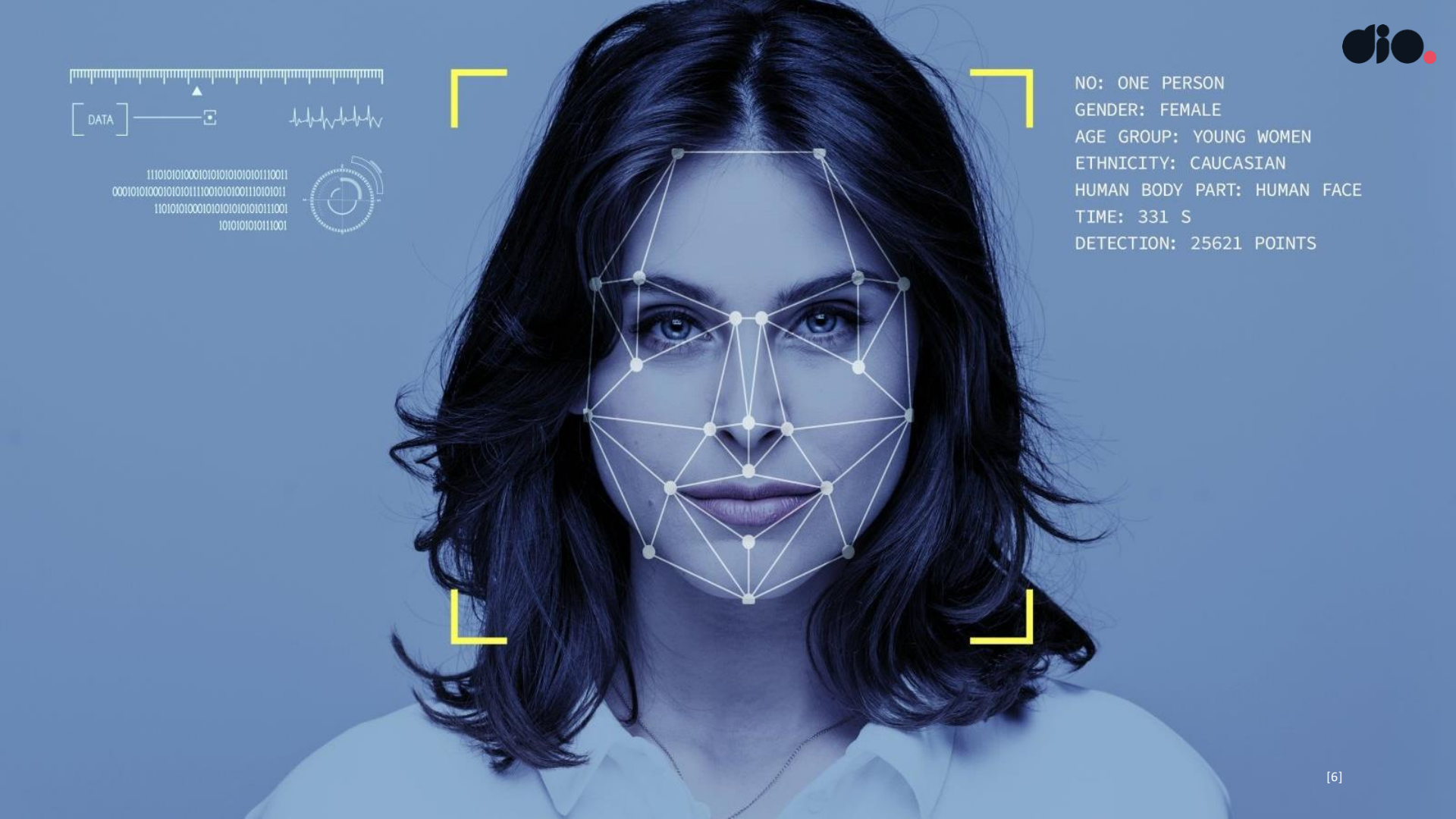
# Implementing Artificial **Intelligence** for **Emotion** Detection


DATA
NO: ONE PERSON
GENDER: FEMALE
AGE GROUP: YOUNG WOMEN
ETHNICITY: CAUCASIAN
HUMAN BODY PART: HUMAN FACE
TIME: 331 S
DETECTION: 25621 POINTS

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Banking
decisions

# Objectives

Implementing
Artificial Intelligence
for Emotion Detection

# Technical abilities

- Programming logic
- Python
- Neural networks (desirable)

# What will we learn :)

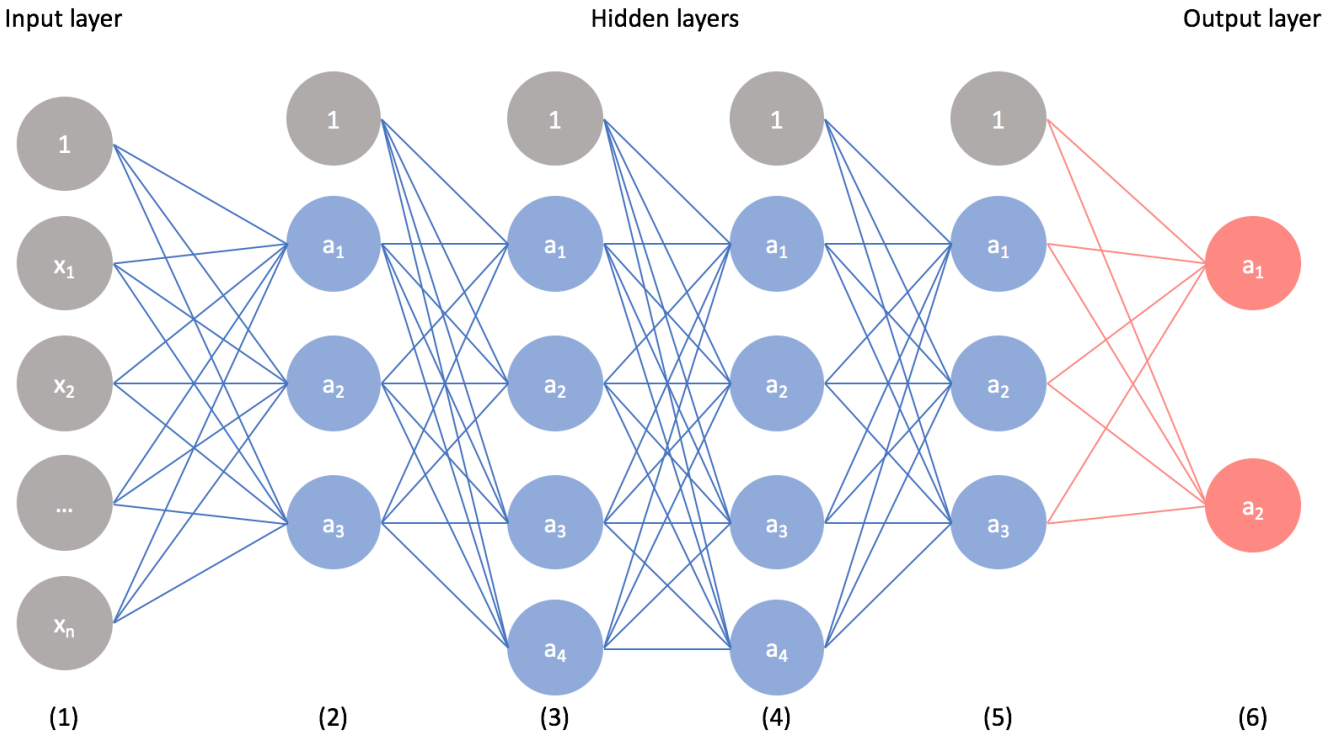
- Recognition of emotion in an image;
- Introduction to convolutional neural networks;
- Emotion recognition with TensorFlow 2.0;
- Database: Fer 2 -> + 30,000 images and 7 classes)
- Tests

Hands On!

# “Talking is easy.
# Show me the code!”

*Linus Torvalds*

# Convolutional neural networks

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# Useful links

- https://github.com/digitalinnovationone/Sentiment-analysis-international-acceleration

# Any questions?

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