



# LIKE A GLITCH IN THE MINDFRAME



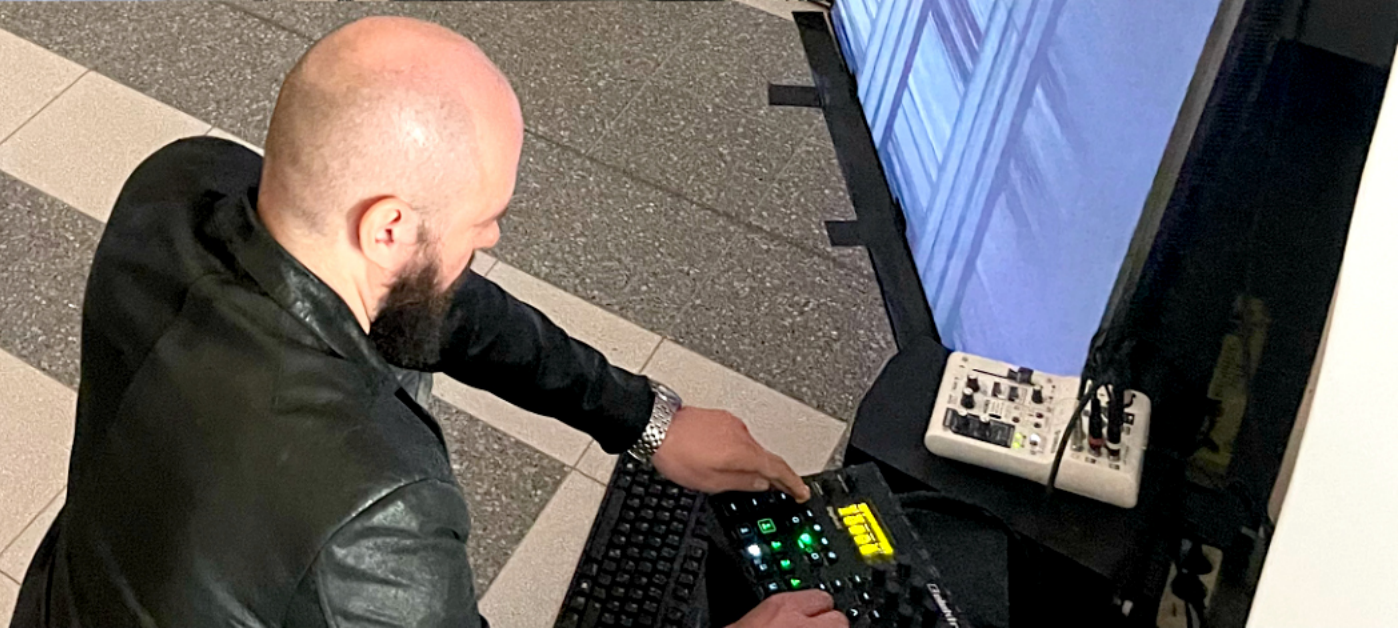


Audio/Video Live Concert with Touchdesigner and Ableton/Reaper



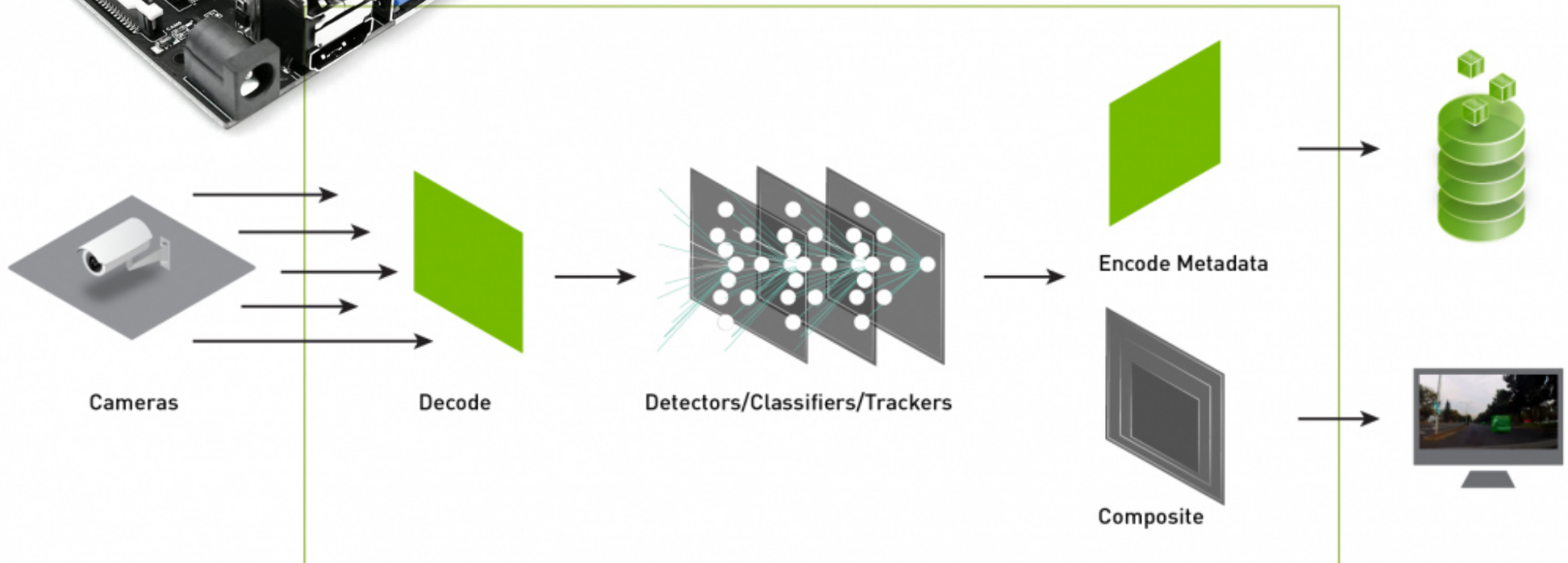
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# AI on the Edge

Building a Machine Learning Cluster  
with Nvidia Jetson Nano Developer Kits



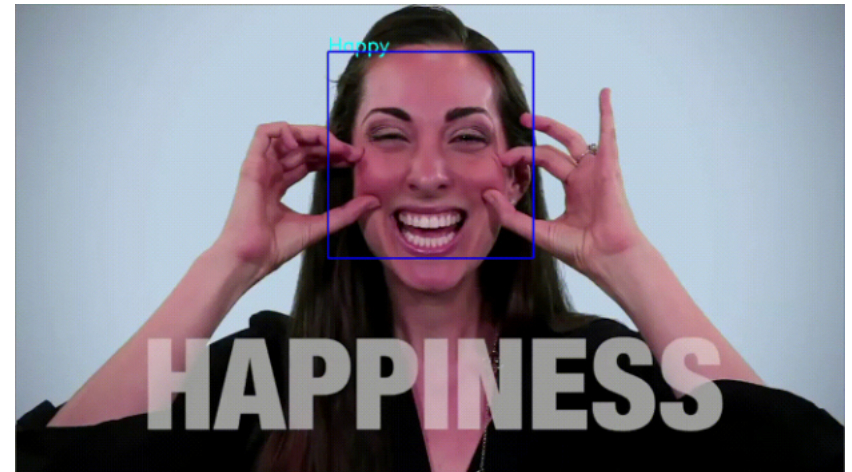
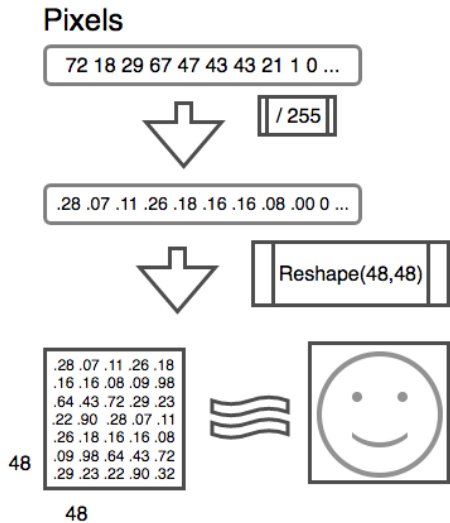


## PEOPLE FLOW ANALYSIS SYSTEM

Example 1:

A low-cost People Flow Analysis System developed using Jetson and Deepstream SDK, integrated with high quality open source software and libraries. The system is able to detect and quantify people within the camera's field of vision. Each detection is tracked with a unique ID and green bounding boxes. When a detected person stays on the same spot for a certain duration, the system will send a message to an authorized Azure IoT Hub and Android mobile phone. The message alert contains time, track id and location. (from Nvidia Deepstream)

## Example for what we will discuss:



There is currently no scientific consensus on a definition of emotions. But for sure they can not be measured like temperature or height. They heavily differ individually through complex cultural, political, and historical influences.

So keep in mind that, by using such technology without any a layer of reflection and critique, you transport reductionistic behavioral ideas that are the reason for discrimination and disadvantage of people that don't fall in the statistical norm of such machine learning systems.

## **AI on the Edge - Building a Machine Learning Cluster with Nvidia Jesters**

[https://www.uni-weimar.de/kunst-und-gestaltung/wiki/GMU:AI\\_on\\_the\\_Edge\\_-\\_Building\\_a\\_Machine\\_Learning\\_Cluster](https://www.uni-weimar.de/kunst-und-gestaltung/wiki/GMU:AI_on_the_Edge_-_Building_a_Machine_Learning_Cluster)

Do. 13:30 to 16:30 starting 20.10.2022 Digital Bauhaus Lab Bauhausstraße 9a - Gestalterisches Zentrum 001

## **Like a glitch in the mindframe - A live A/V concert build in Touchdesigner**

[https://www.uni-weimar.de/kunst-und-gestaltung/wiki/GMU:Like\\_a\\_glitch\\_in\\_the\\_mindframe\\_-\\_AV\\_concert](https://www.uni-weimar.de/kunst-und-gestaltung/wiki/GMU:Like_a_glitch_in_the_mindframe_-_AV_concert)

Mi. 13:30 to 16:30 starting 19.10.2022 Digital Bauhaus Lab Bauhausstraße 9a - Gestalterisches Zentrum 001

- 1. Send a motivational letter till 12.10.2022 to: [alexander.koenig@uni-weimar.de](mailto:alexander.koenig@uni-weimar.de)**
- 2. Enroll in Bison**
- 3. You will be contacted by administration if you got a place in the seminar**

**There used to be a lot of applications and people that will continue the seminars from last semester, so please don't worry and try again next semester if you didn't get in.**

**And since I prob. don't know you it really comes down to this motivational letter, so you might consider to put some effort into that ;-)**

**Dr. phil. Alexander König - [www.media-art-theory.com](http://www.media-art-theory.com)**