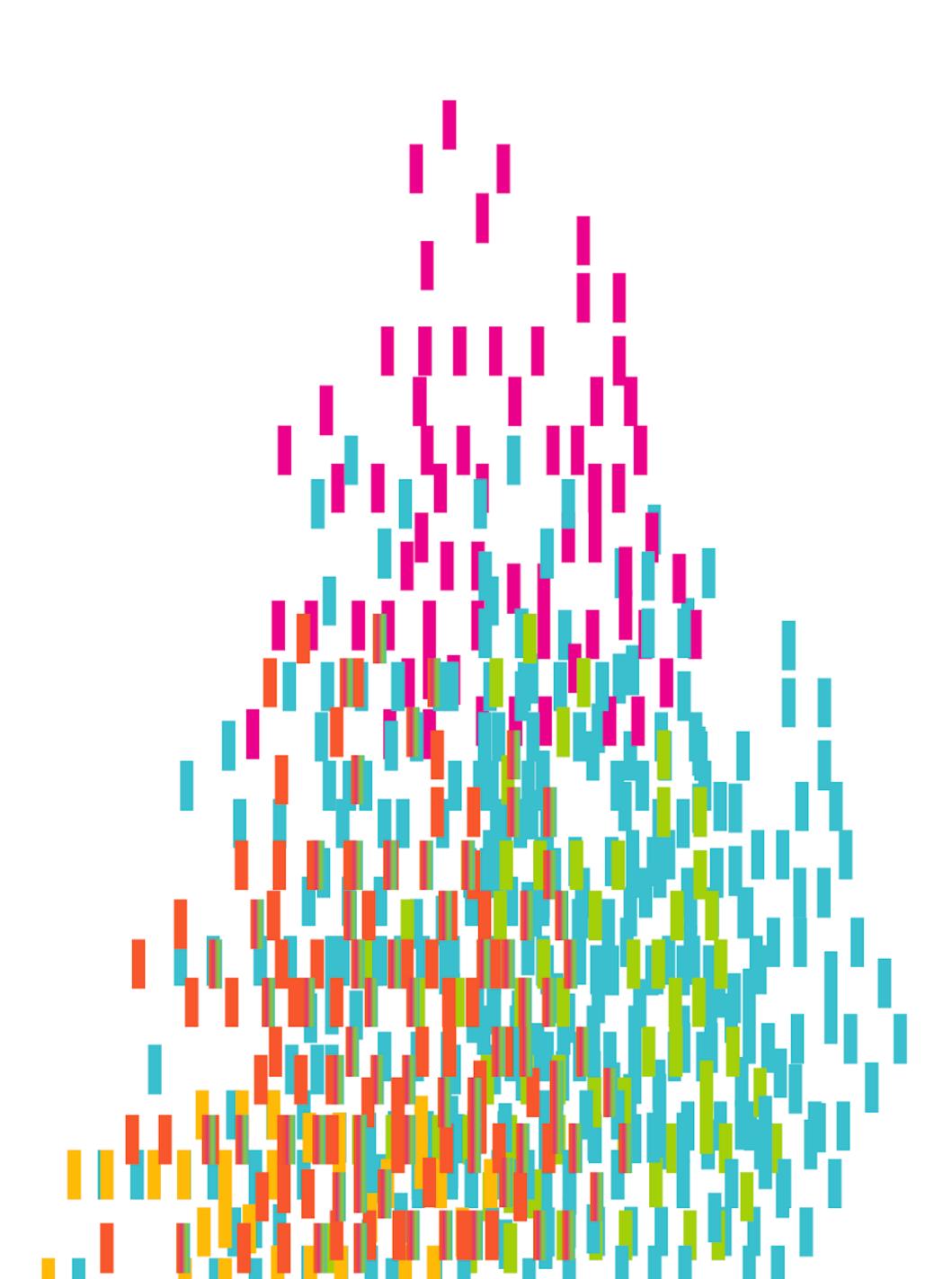


Making things smarter

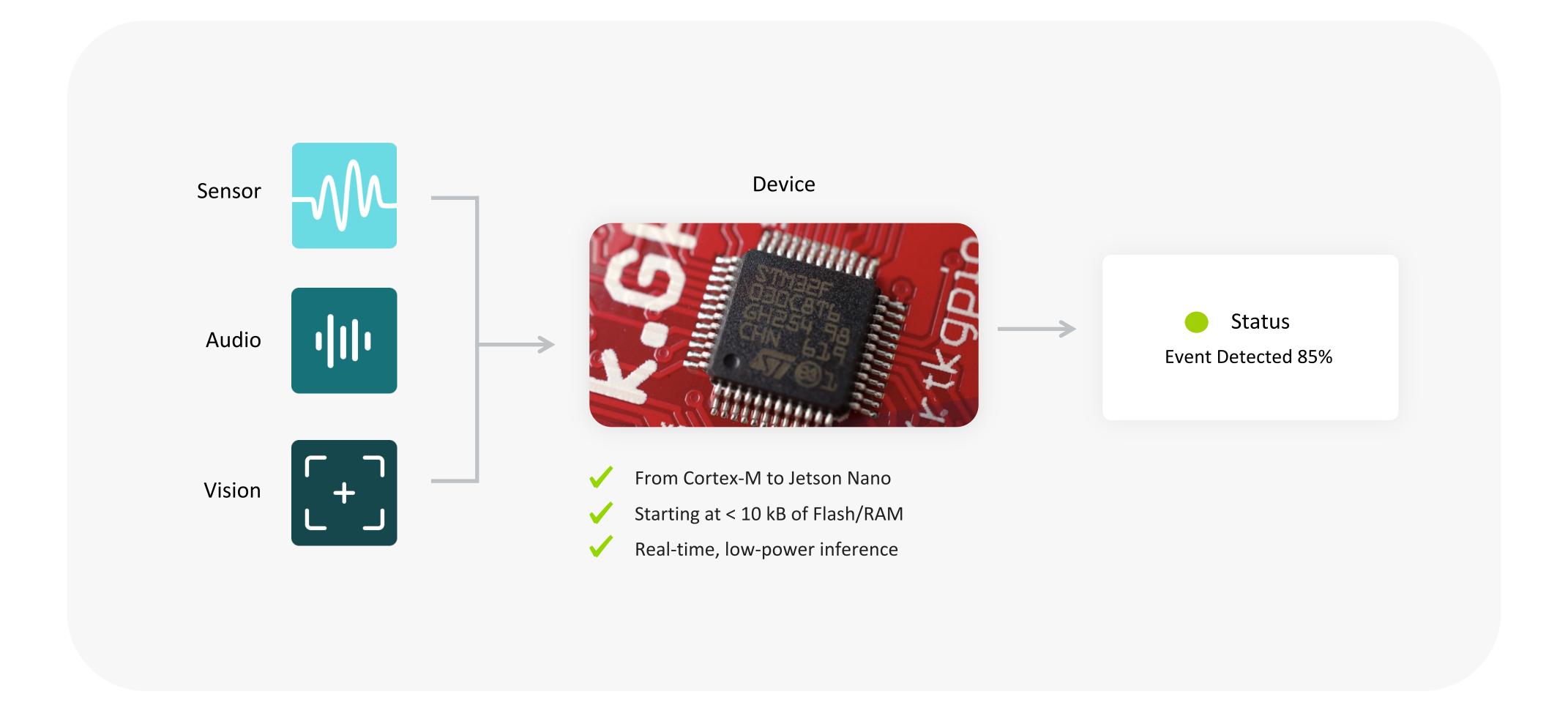
Edge Al and Vision Alliance Webinar

Zach Shelby & Daniel Situnayake February 25th, 2021





Embedded ML makes devices smarter

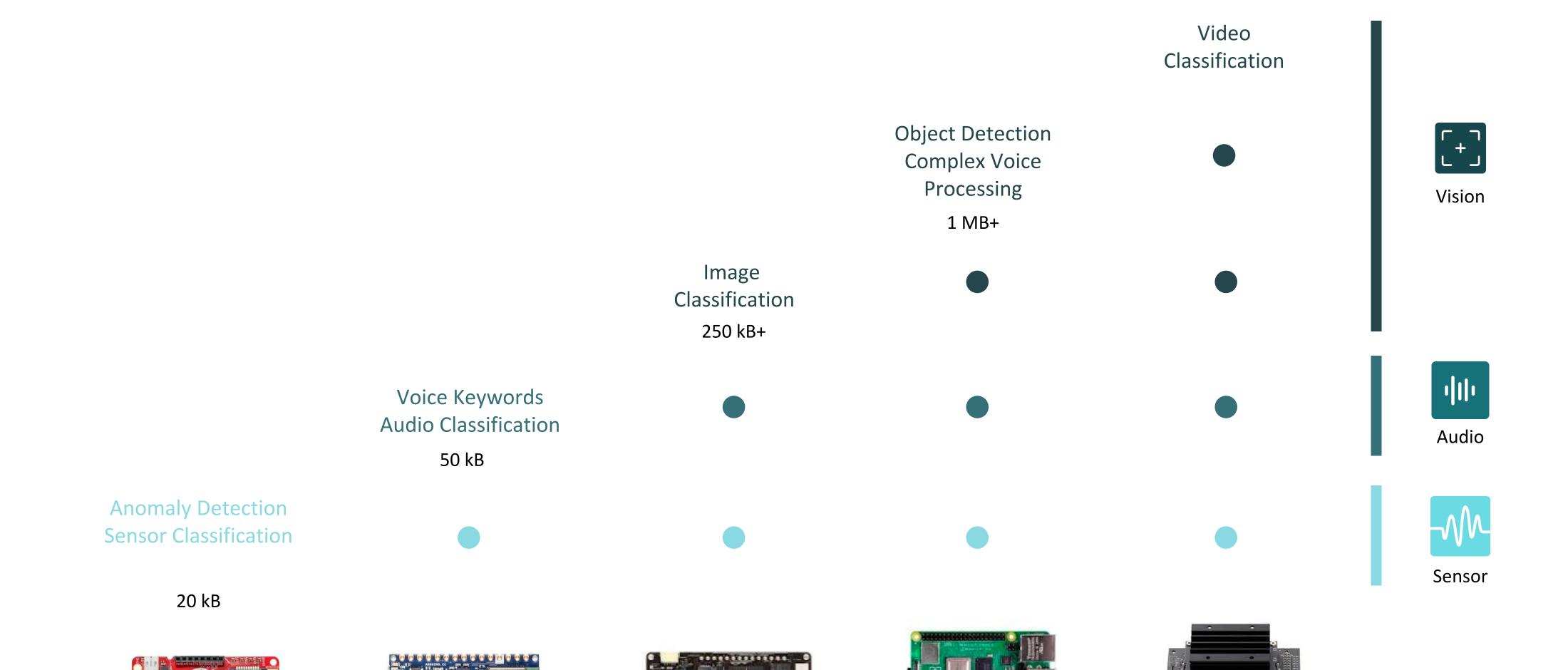




Embedded ML makes devices smarter

Arduino Nano

Cortex-M4



Arduino Pro

Cortex-M7

Raspberry Pi

Cortex-A

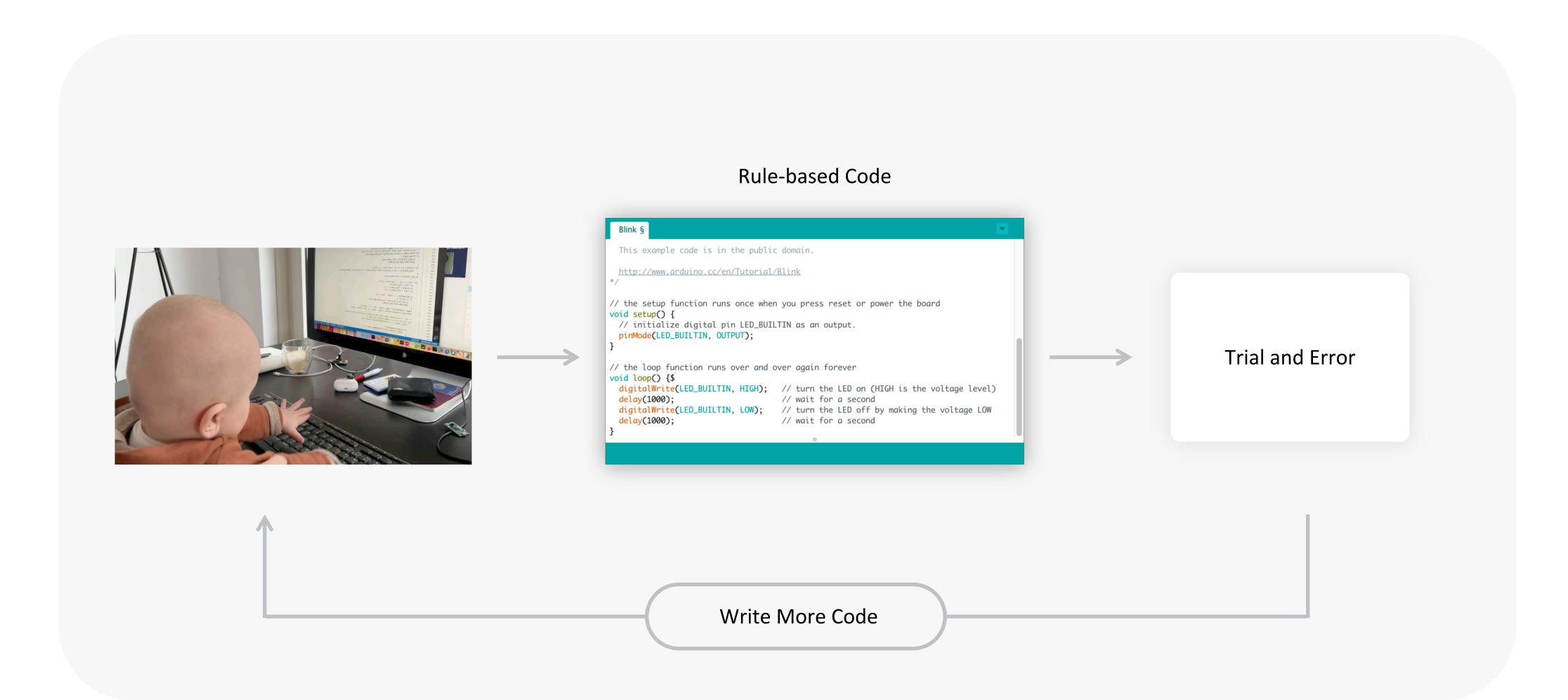
Jetson Nano

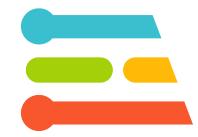
Cortex-A + GPU



Cortex-M0+

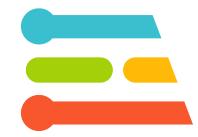
Sensor engineering today





Data-driven engineering is here!





Predictive Maintenance

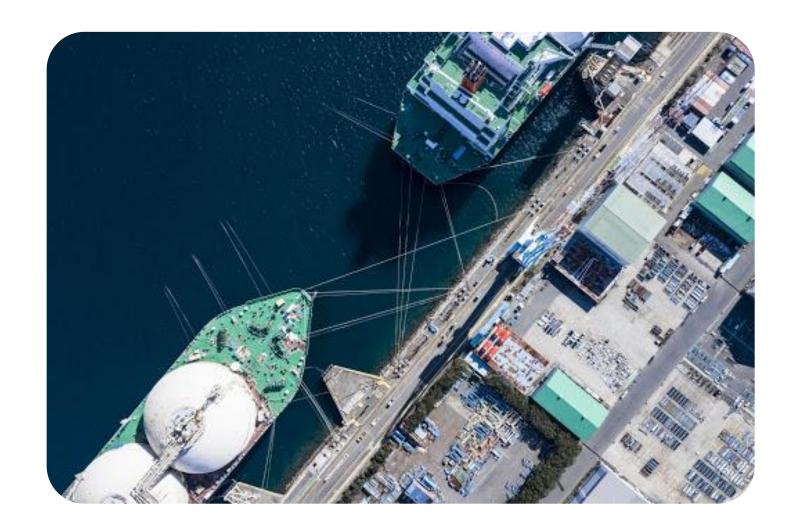
Motion, current, audio and camera



- → Industrial
- → White goods
- → Infrastructure
- → Automotive

Asset Tracking & Monitoring

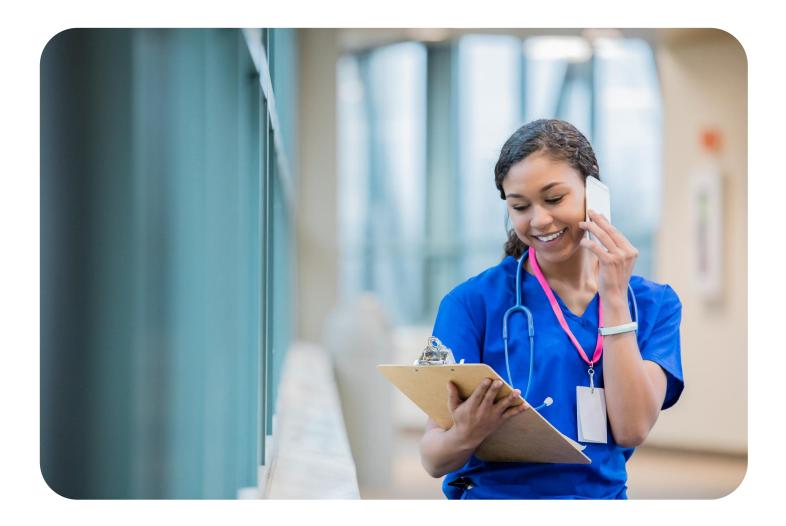
Motion, temp, humidity, position, audio and camera



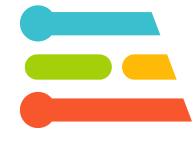
- → Logistics
- → Infrastructure
- → Buildings

Human & Animal Sensing

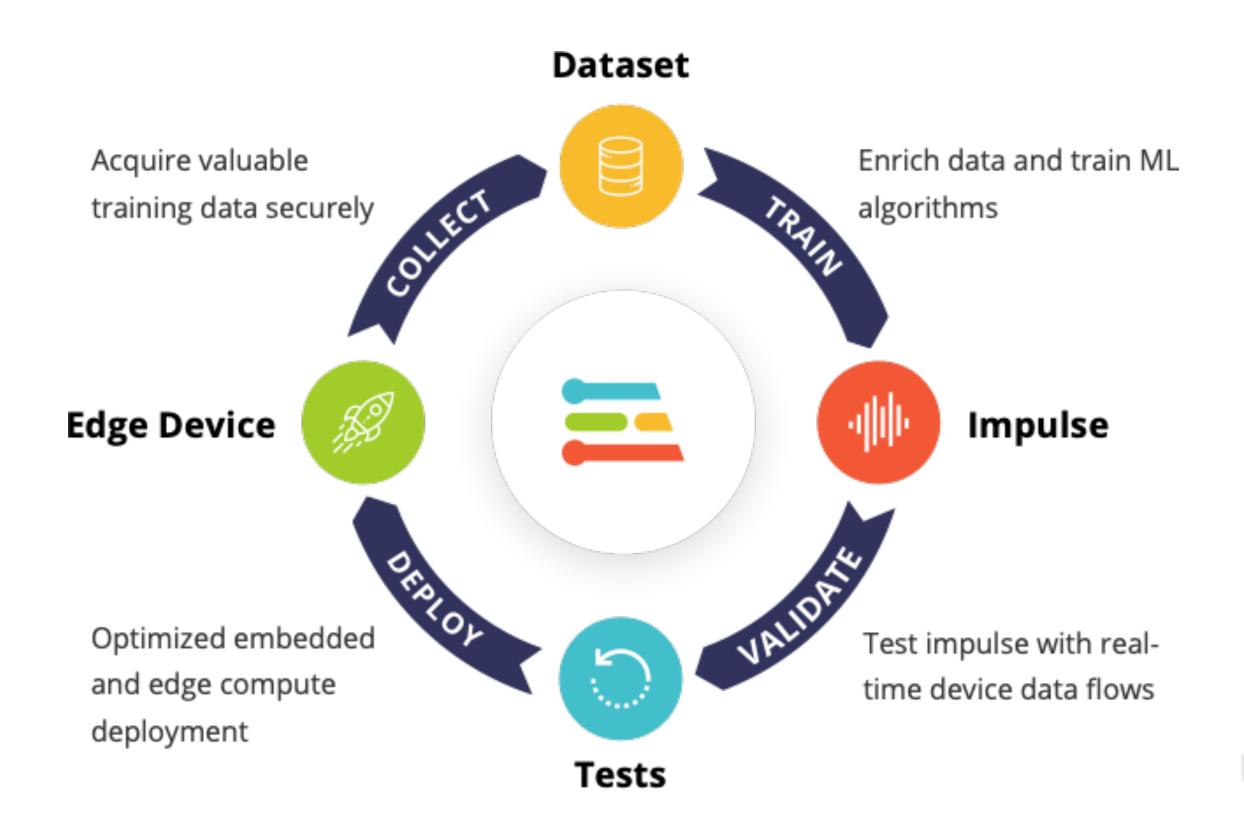
Motion, radar, audio, PPG, ECG

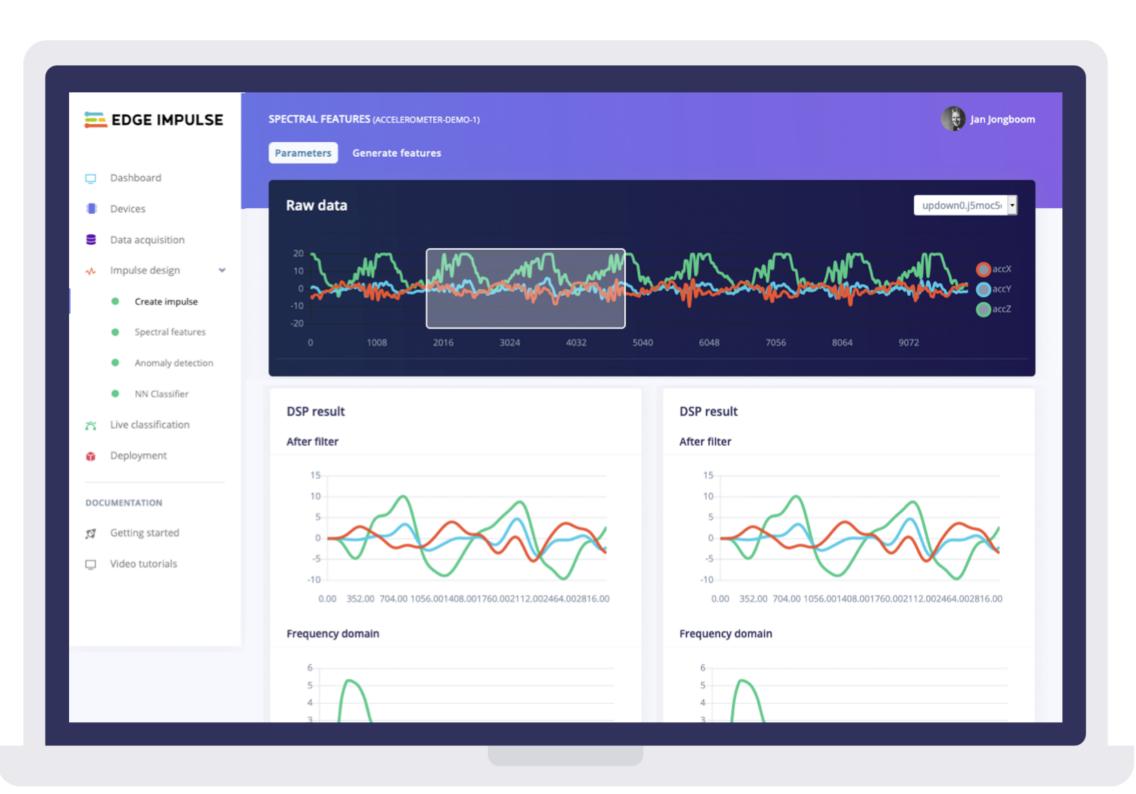


- → Health
- → Consumer
- → Industrial



The leading embedded ML platform

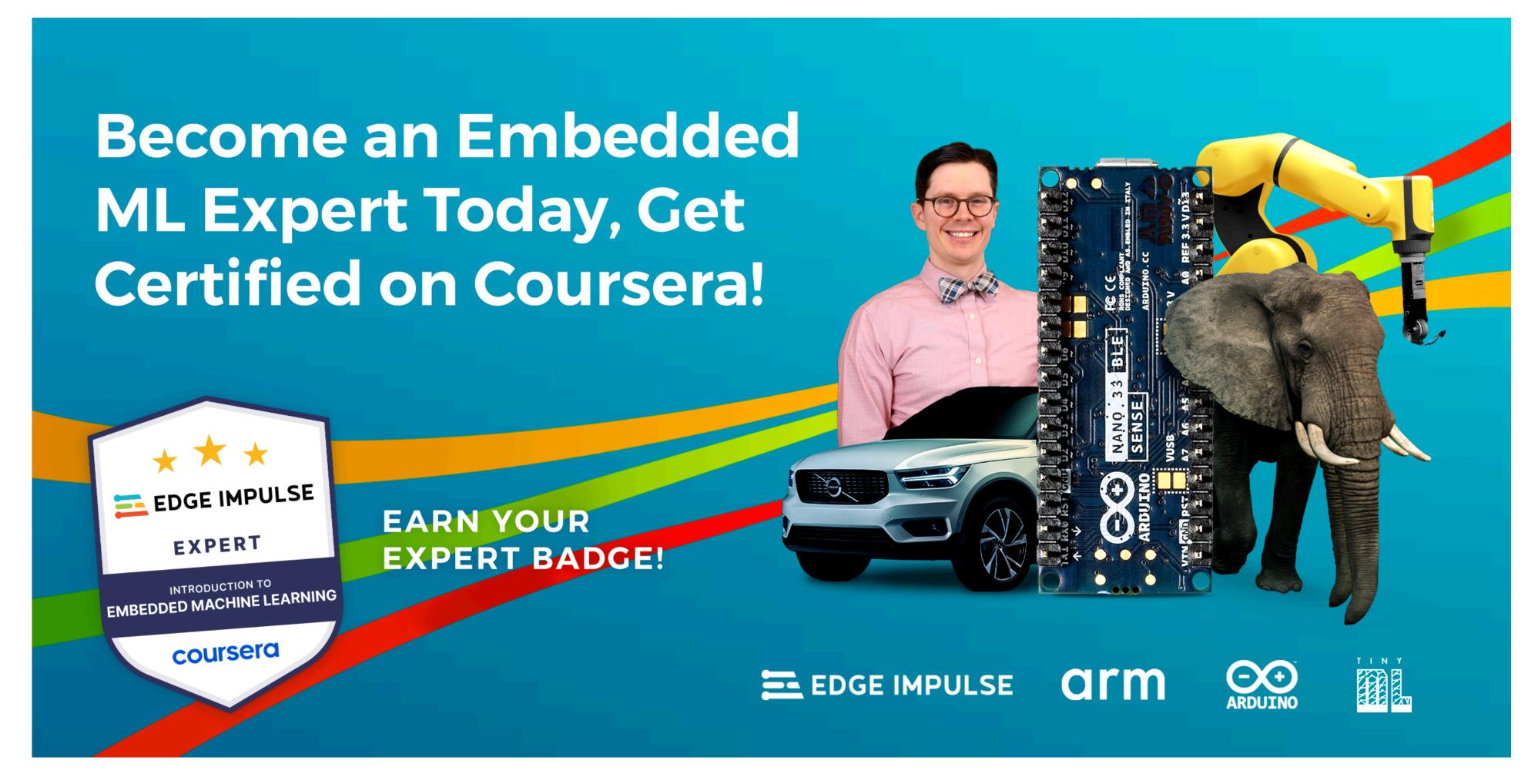




Learn more at http://edgeimpulse.com



Coursera: Intro to Embedded Machine Learning



https://www.coursera.org/learn/introduction-to-embedded-machine-learning

