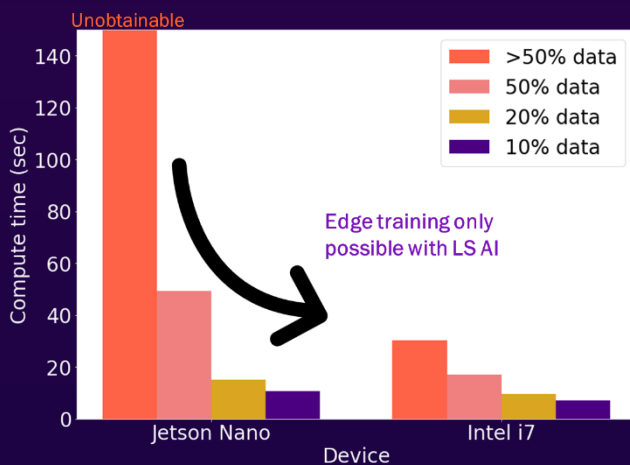# Lightscline
Data Reduction AI

SWaP-C AI for Human Activity Recognition using 10% data
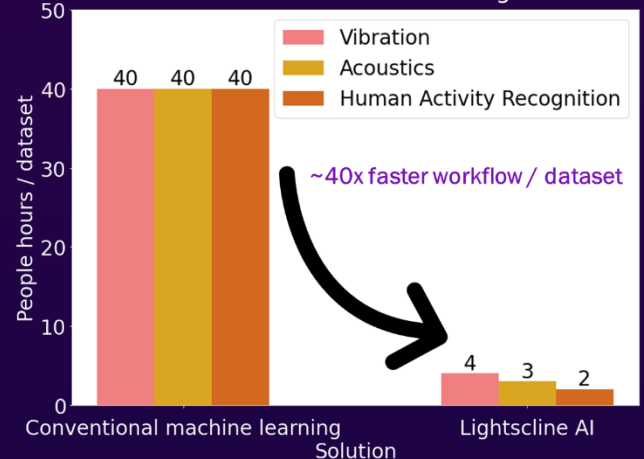
>95% accuracy using a 9x smaller model

40x faster workflow / dataset

Edge compute time using Lightscline AI: Jetson Nano vs Intel i7

Unobtainable

Legend:
- >50% data
- 50% data
- 20% data
- 10% data

Edge training only possible with LS AI

Compute time (sec)
Device: Jetson Nano, Intel i7

Workflow time: Conventional vs. Lightscline AI

Legend:
- Vibration
- Acoustics
- Human Activity Recognition

40   40   40

~40x faster workflow / dataset

4   3   2

People hours / dataset
Conventional machine learning   Lightscline AI
Solution

Trusted By

CATERPILLAR   BOSCH   Booz Allen   DEFENSE INNOVATION UNIT   ORBITSEDGE

Deck

Book a Meeting