IESTI05 – Edge Al

Machine Learning
System Engineering

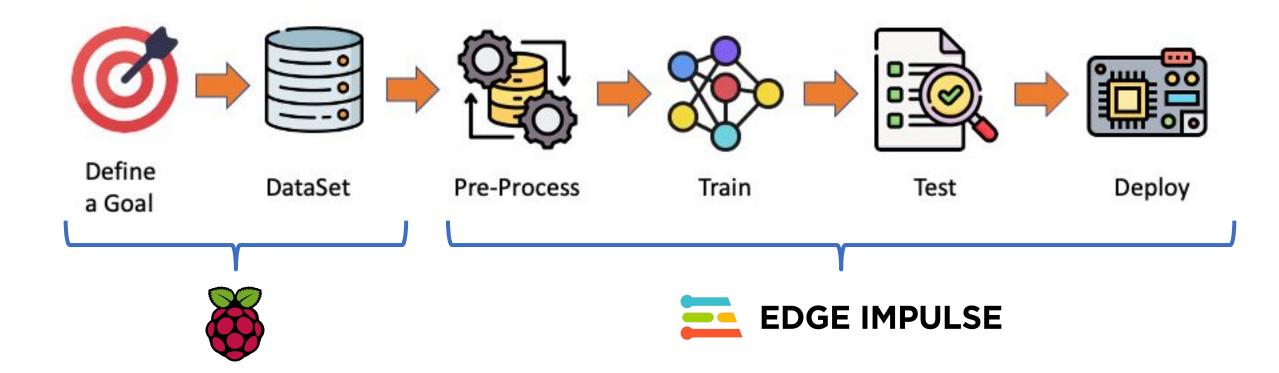
7. Image Classification Project: Training, Test & Deploy at El



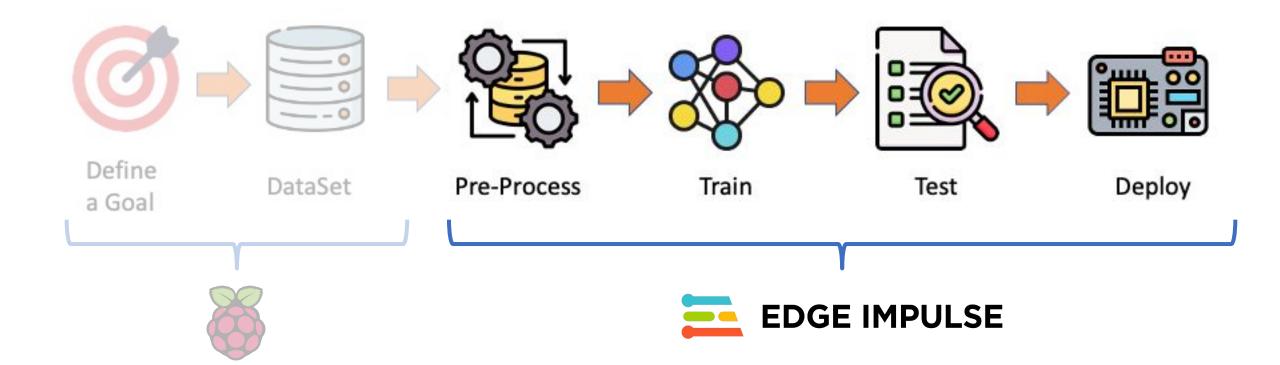




Machine Learning Workflow

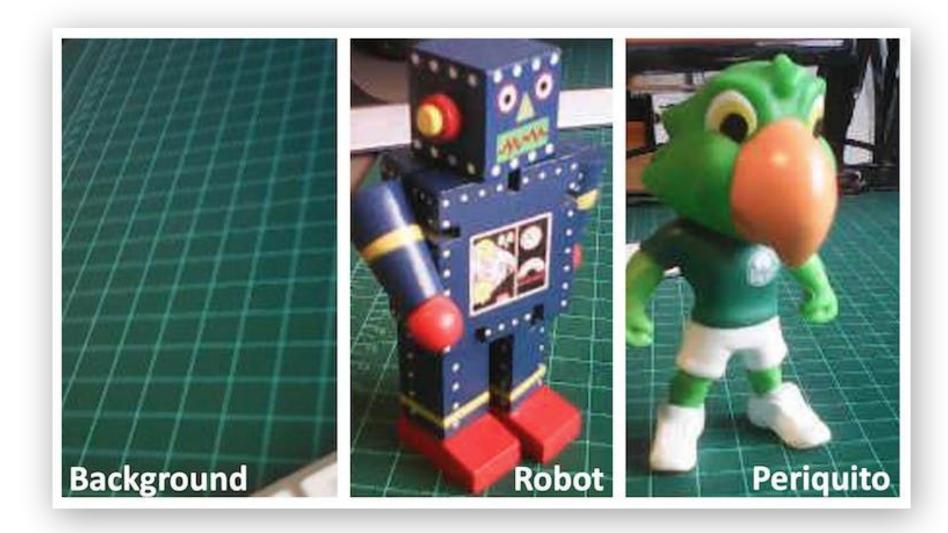


Machine Learning Workflow



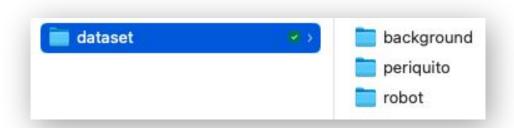
The Goal

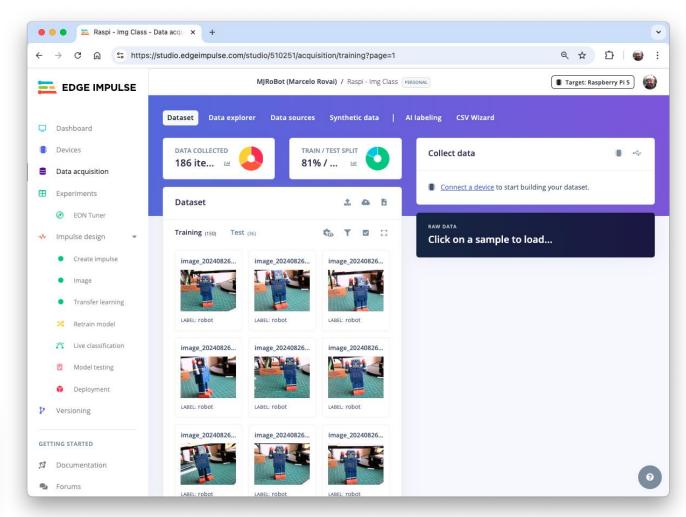




Data Aquisition



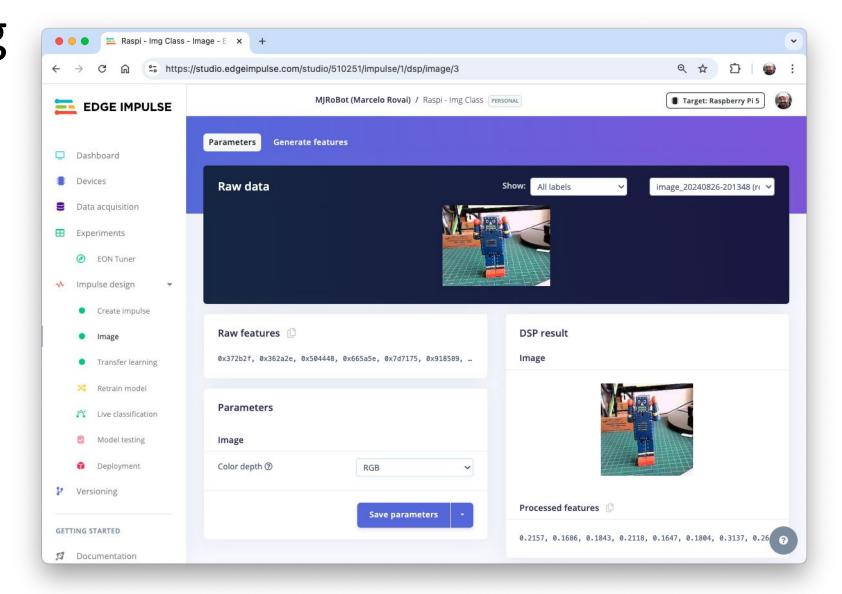




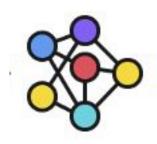
Pre-Processing

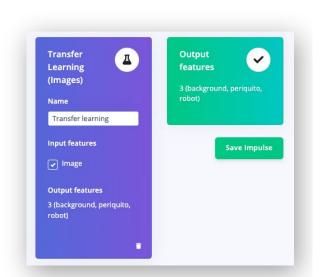


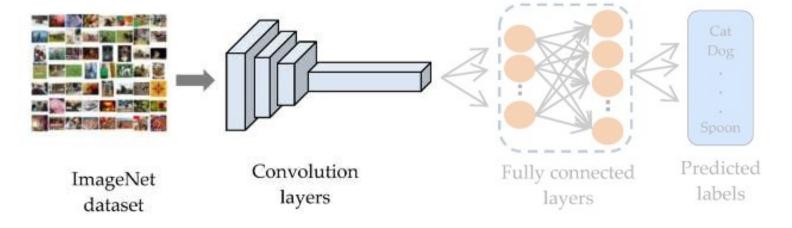




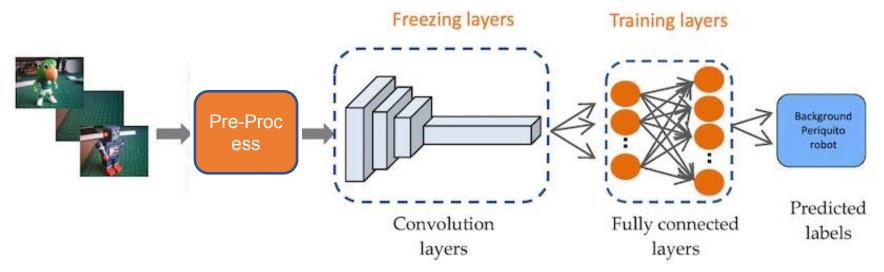
Model





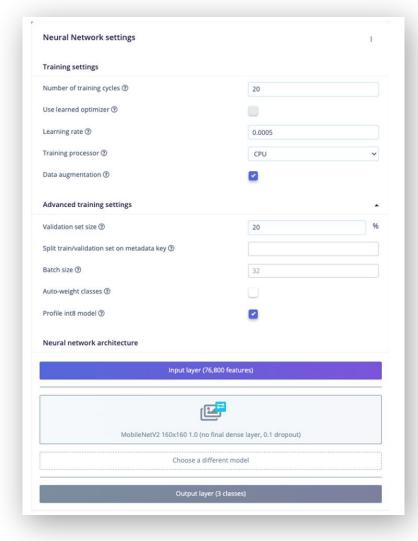


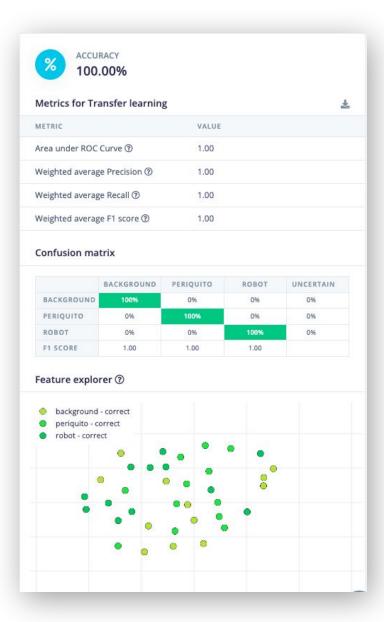
MobileNetV2 160x160 1.0



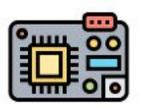
Train & Test

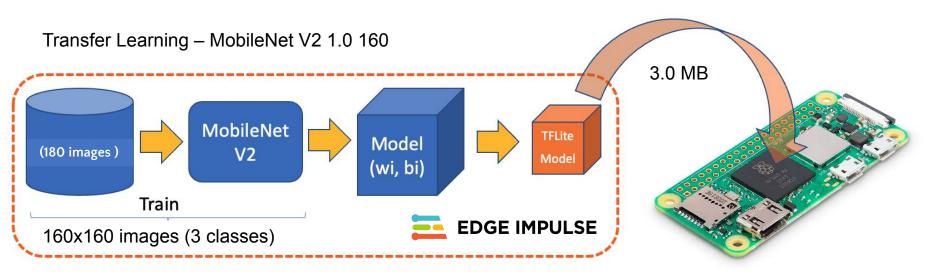


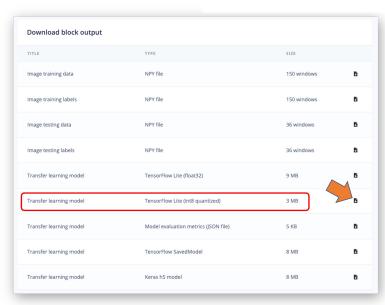




Deploy







Edge Impulse Project: Raspi - Img Class





Raspberry Pi Inference:

30 Image Classification edge impulse.ipynb





Questions?

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