## • Specify target application and platform/sensors • Collect data Create/obtain • Label/annotate data dataset Accuracy target not met • Preprocess the data (if needed) • Identify and apply feature extractor/selector • Data augmentation (optional) Preprocessing • Explore machine learning algorithms • Tune hyperparameters • Train promising models Define and • Identify the best model Too large network train model • Convert the network to fixed-point (optional, devicedependent) • Develop optimized implementation for the device Deploy on • Integrate the model w/ sensor read-out, preprocessing, etc. device • Measure performance, power