

# tinyML<sup>®</sup> for Good

*Tiny technology for the world's biggest challenges*

tinyML4K12: creating a tinyML education ecosystem for young learners

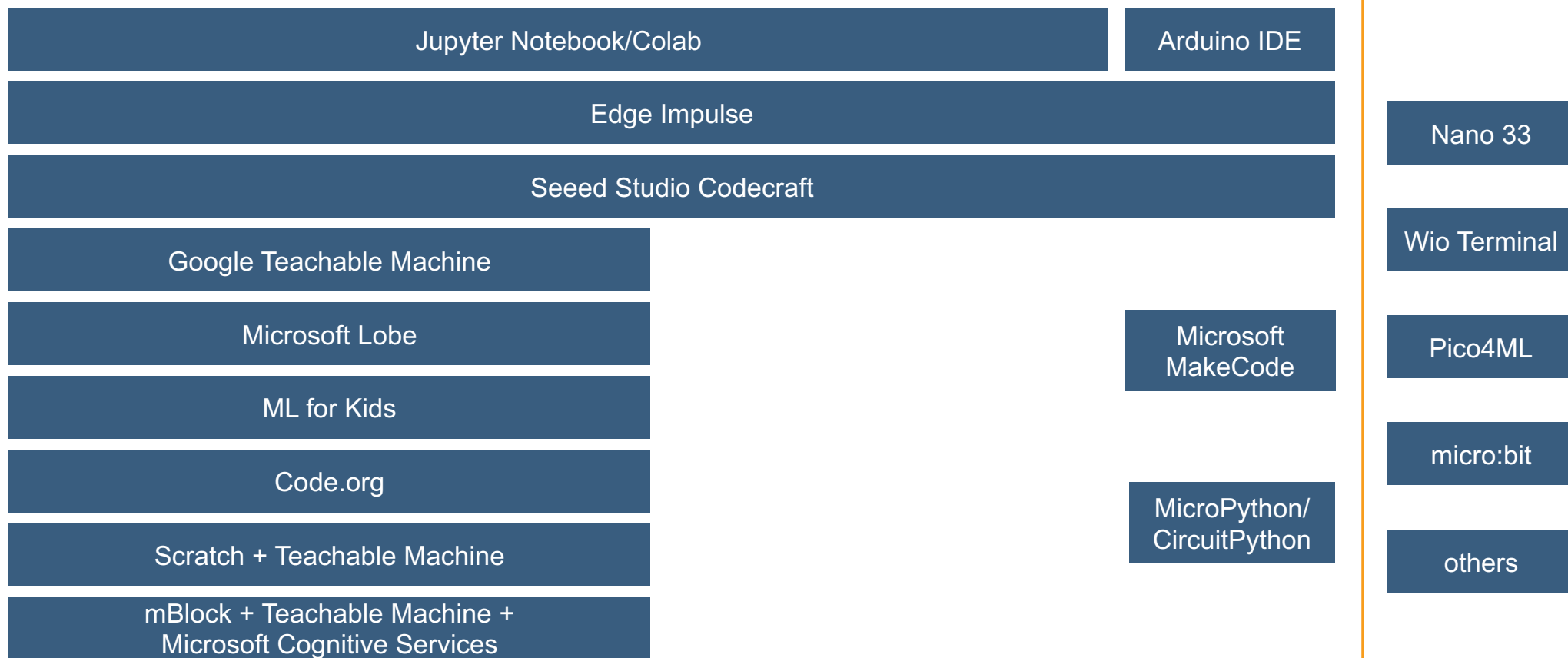
Hal Speed - Robotical, Kid Spark Education, and AI4K14



[www.tinyML.org](http://www.tinyML.org)

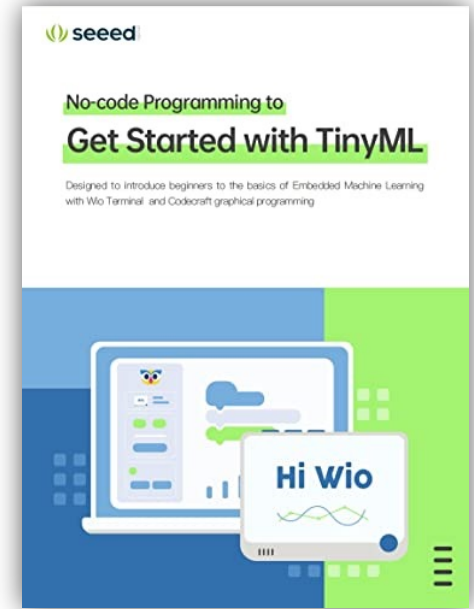


# Building a tinyML Pipeline for K-12





# Seeed Codecraft + Wio Terminal



	background	hi wio	other words
background	97.2%	2.2%	0
hi wio	0.9%	99.1%	0
other words	1.6%	7.1%	91.2%
F1 SCORE	0.97	0.93	0.95

Performance on Wio Terminal:  
 INFERRING TIME: 7ms  
 PEAK RAM USAGE: 8.1K  
 FLASH USAGE: 31.9K