

# tinyML<sup>®</sup> for Good

*Tiny technology for the world's biggest challenges*

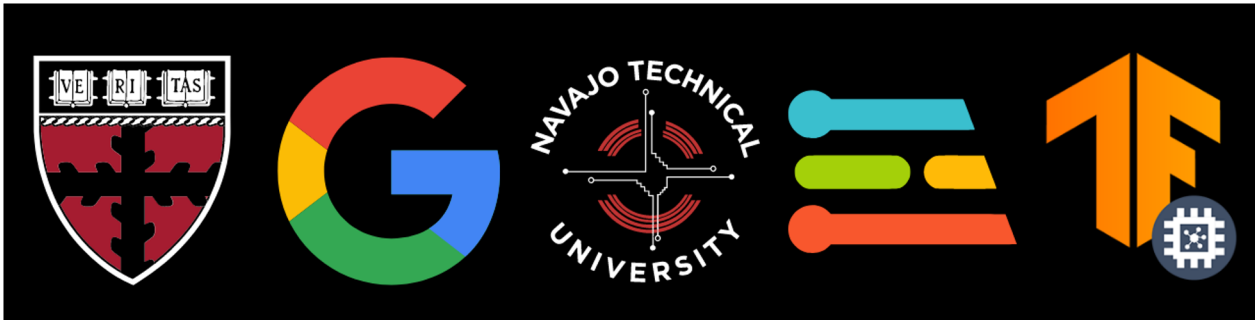
## tinyMLedu Outreach: Embedded Machine Learning for the Navajo Nation

Brian Plancher - Harvard John A. Paulson School of Engineering and Applied Sciences



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

# tinyMLedu Outreach: Embedded Machine Learning for the Navajo Nation



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# A **Zero to tinyML Hero** workshop for middle and high school students and teachers



How do you provide globally accessible and relevant educational materials on applied ML?

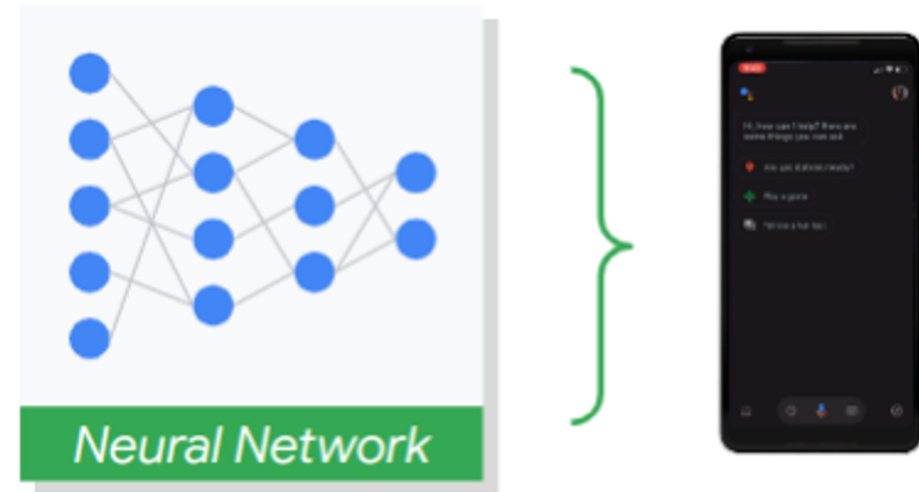
**You use tinyML!**

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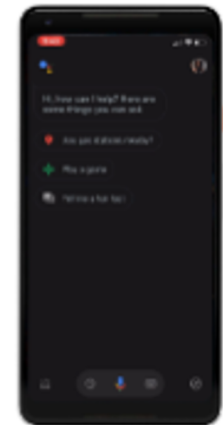
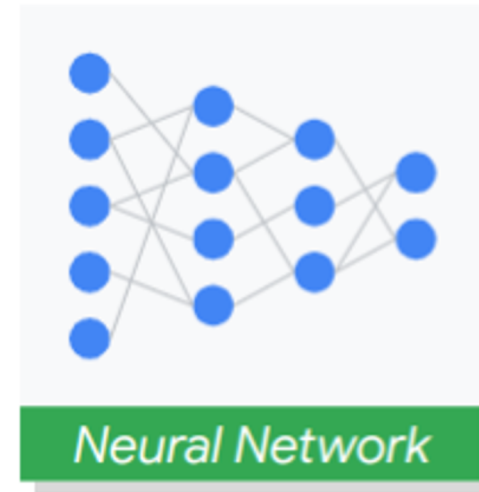
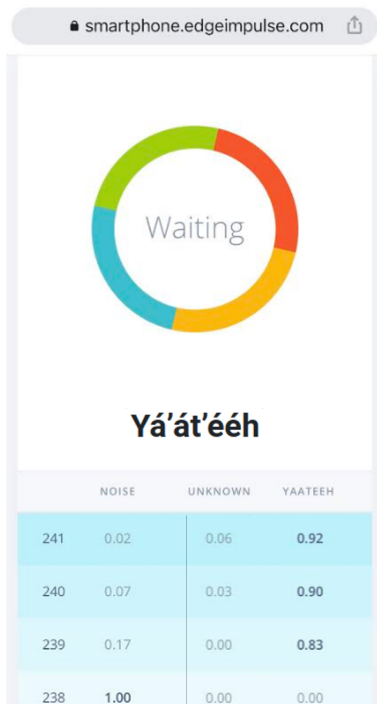


Machine Learning **Workflow**

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Conceptual learning  
through hands-on activities



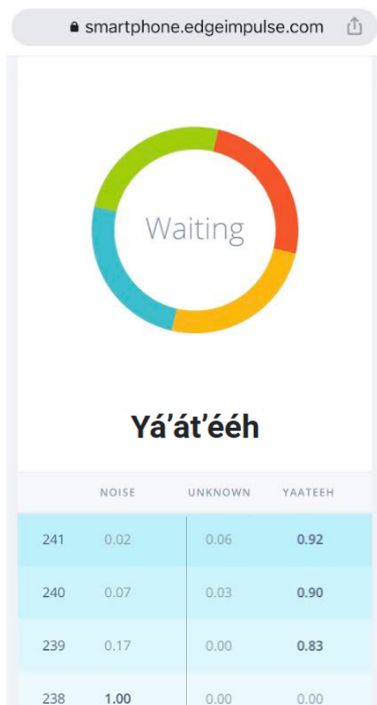
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**Conceptual learning  
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**Locally and culturally  
specific topics**



**Using machine learning to  
spot fake Native American  
jewelry**



**Focus on  
Responsible AI**

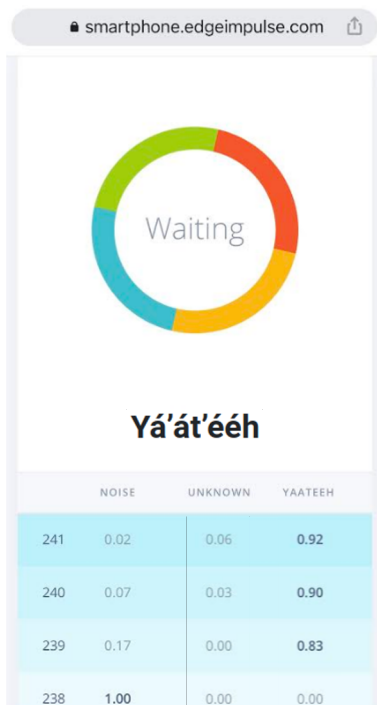


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**Open-Source Materials**

<https://tinyMLedu.org/CRESTLEX3/>

**Focus on  
Responsible AI**



## **tinyMLedu Outreach:**

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Help us develop and improve  
access to high quality educational  
materials for all!

Learn more about all our efforts at

[tinyMLedu.org](https://tinyMLedu.org)