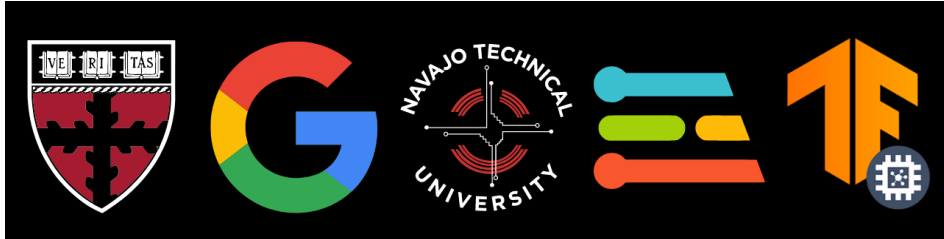


tinyMLedu Outreach: Embedded Machine Learning for the Navajo Nation



Brian Plancher
PhD Candidate
Harvard University
BrianPlancher.com



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?

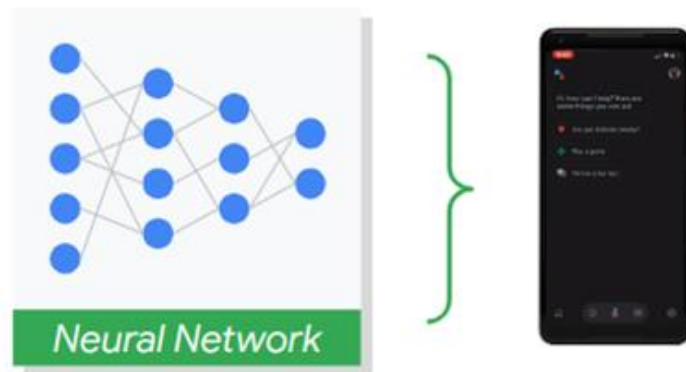
You use tinyML!

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!

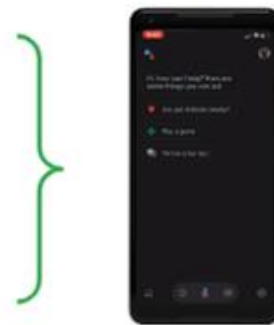
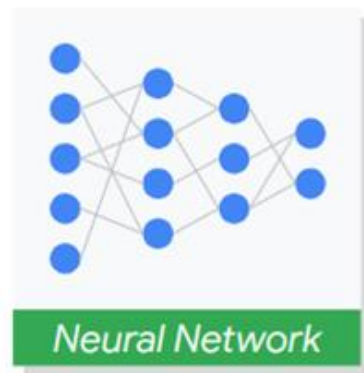
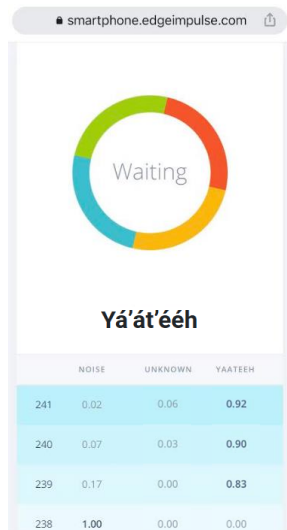


Machine Learning **Workflow**

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



Conceptual learning
through hands-on activities

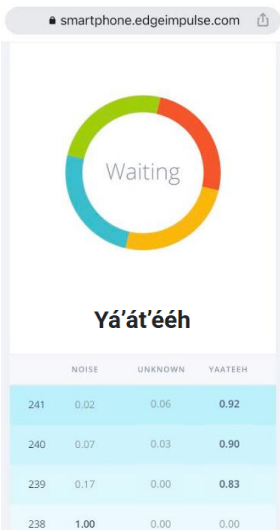


Machine Learning **Workflow**

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



Conceptual learning
through hands-on activities



Locally and culturally
specific topics

Using machine learning to
spot fake Native American
jewelry



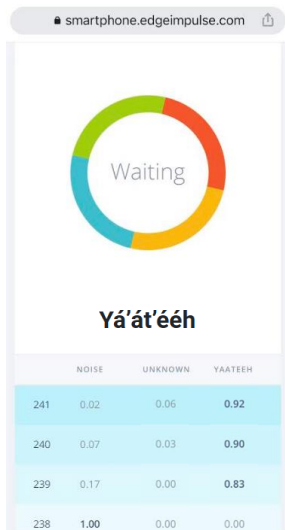
Focus on
Responsible AI

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



Conceptual learning
through hands-on activities

Locally and culturally
specific topics



Using machine learning to
spot fake Native American
jewelry

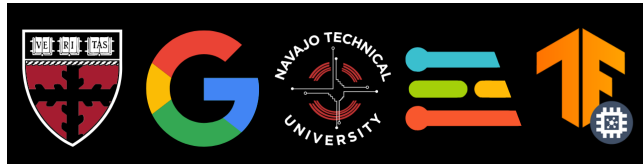


Open-Source Materials
<https://tinyMLedu.org/CRESTLEX3/>

Focus on
Responsible AI



tinyMLedu Outreach:
Embedded Machine
Learning for the Navajo
Nation



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

Learn more about all our efforts at

tinyMLedu.org