

EE P 596 - TinyML - Project Video Rubric

Total Points: 100

Spring Quarter, 2024

Department of Electrical and Computer Engineering

University of Washington, Seattle, WA 98195

Due: 11:59 pm (PST) on June 7 (Friday), 2024 via Canvas

Note:

- Name of your submission should follow the following format:
“ #_\$EE596_ProjectReport.mp4 ” where “#” and “\$” should be replaced with your first name and last name, respectively.
- One submission per team is sufficient
- **A maximum of 15 min is allowed.**

1. Data Processing, Training, and Model Compression [50 points]

- Share your screen and record the data processing, training, and compression of your machine learning (ML) model (e.g., use **Zoom**) .
- For this part, you can simply run the cells in your notebook or steps in Edge Impulse (set training epochs to 1, and use a subset of training data if loading and pre-processing the entire training dataset takes time).

2. Deployment in Arduino [50 points]

- Record a video to show the post-deployment results.
- Combine the two videos into a single **.mp4** file and submit.