



Interactive ADELE Meeting 2

Sept. 16th, 2021



Agenda

- Reports on deliverables
- Remarks and reminders
- Function header template
- Data processing deliverables
- Design and development deliverables



Remarks and Reminders

- Upload pdfs to repo
- Data processing - Omar, Rolando, Uchi
- Design and Development - Michael, Nikhil
- Acclimating period
 - Sept. 24th



Function Header Template

- Example at in functions/read_eeg.py

```
# CODE TO READ EEG FILE COLLECTED WITH THE COGNIONICS MOBILE-128 SYSTEM USING MNE

# CODE AUTHORED BY: SHAWHIN TALEBI
# PROJECT: interactiveADELE
# GitHub: https://github.com/mi3nts/interactiveADELE

# INPUTS
# - vhdr_fname = string. path to relevant .vhdr file
# ~ example: vhdr_fname = "../data/2020_06_04_T05_U00T_EEG01.vhdr"

# OUTPUTS
# - eeg_data = pandas dataframe with columns as biometric variables and rows as
#   timesteps

# ADELE DEPENDENCIES
# - none

# ADELE DEPENDERS
# - none
# =====
```



Data Processing Deliverables

- Download biometric data
- Run EEG_read function with a python script
- Do something with the data:
 - Create a visualization with matplotlib
 - Calculate some statistics
- Familiarize with JSON for Tobii Pro data



Design and Development Deliverables

- Become more familiar with individual components of dash
- Create a simple website
 - Multi-tab
 - Include graphs/videos,
- Commented example: `meetings/Sept_16th/sept_dash_demo.py`