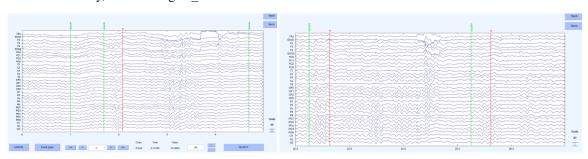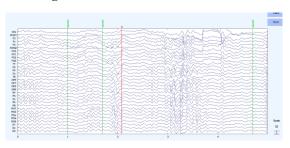**Md Asifuzzaman Jishan**
Emil-Figge-Straße 17, 44227 Dortmund, Deutschland | +4917687882380 | jishan900@gmail.com
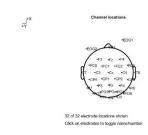
EEGLAB Report

1. **Find a 1-4 EEG brain dataset:** Dataset Name: EEG Motor Movement/Imagery. Dataset URL: https://www.physionet.org/content/eegmmidb/1.0.0/#files-panel. But, I found channel problem in this dataset. Then I used sample data from EEGLAB.
2. **Plot snippet-software use:** For visualization of EEG, I used EEGLAB v2023.1 software. From sample data directory, I choose eeglab_data.set file for visualization.
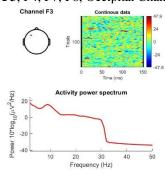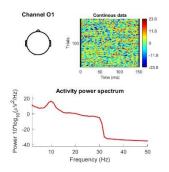

After filtering:

3. **Choose one frontal, one occipital channel and get alpha band power:** Frontal Channel: Fp1, Fp2, **F3**, F4, F7, F8, Occipital Channel: **O1**, O2.

After resampling: