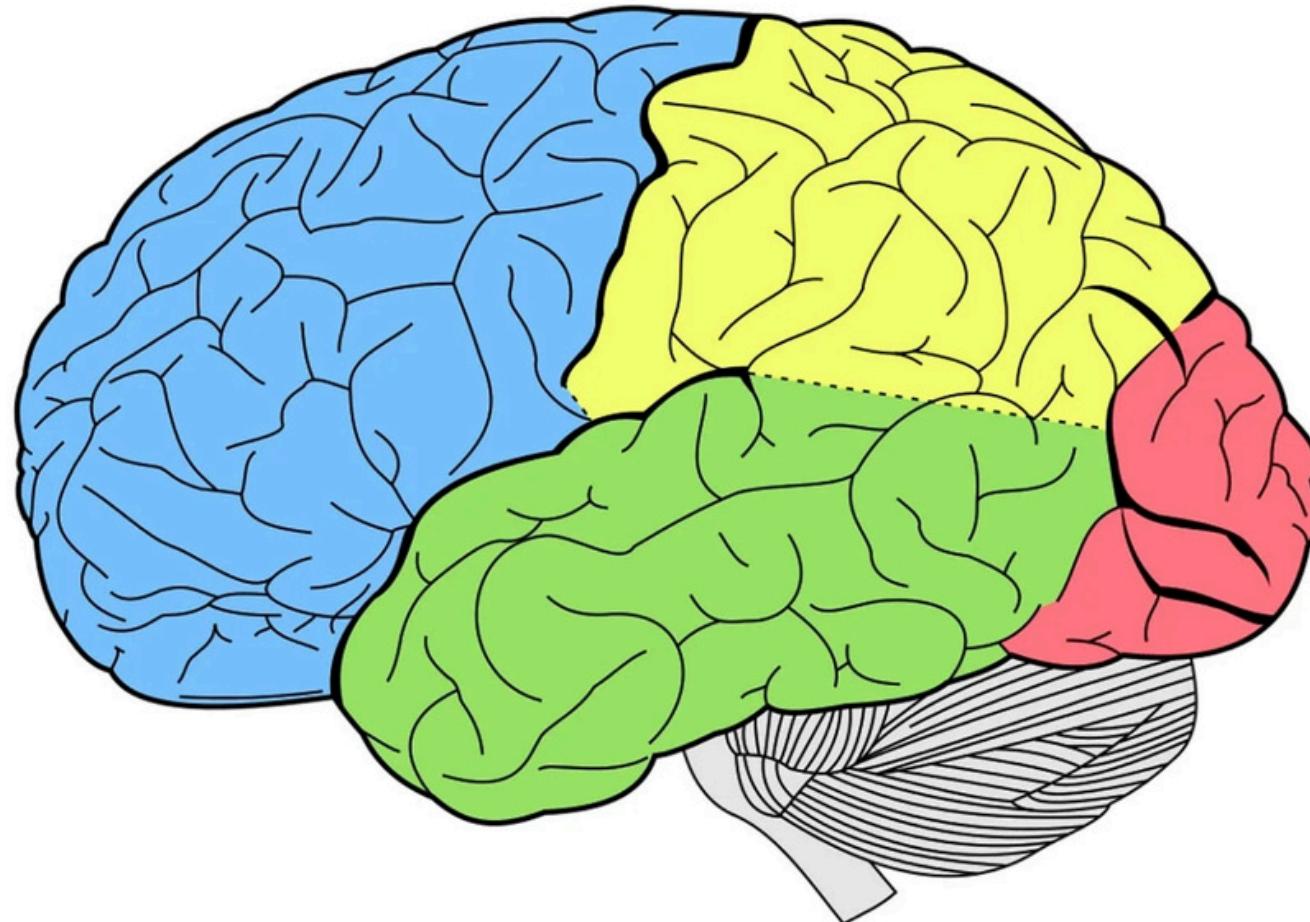


Brain viewer

What is?



The idea is to create an augmented reality application for EEG-data visualization.

A model outputs EEG metadata that we use to animate a 3D model of a brain structure showing synaptic responses to audio stimuli.

An interactive tool

The brain 3D model will be controlled by head movements of the user, making this tool an interactive way to view inside your brain.

Features

3D Animation

A Blender-developed 3D model to visualize brain response.

Head Tracking

Control the 3D model orientation by moving your head.

Data Regression

Supervised learning model trained on audio-EEG dataset.

Real-time controller

A script running OSC server feeds animation data in real time.