PyCon US · 24

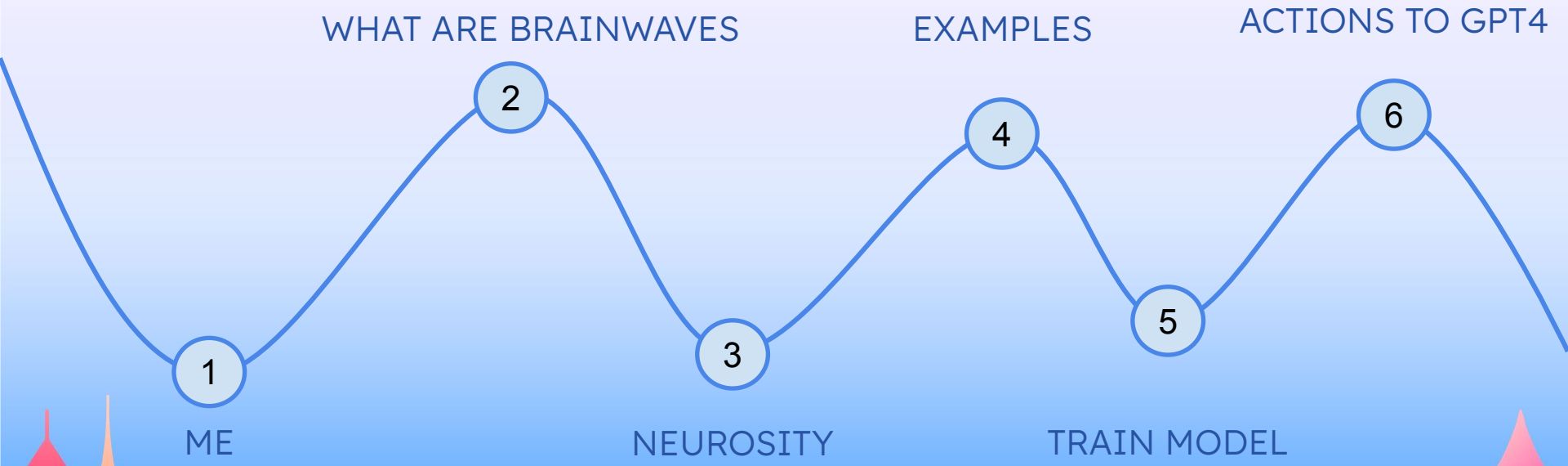
By the community, for the community

Hackeando los Pensamientos

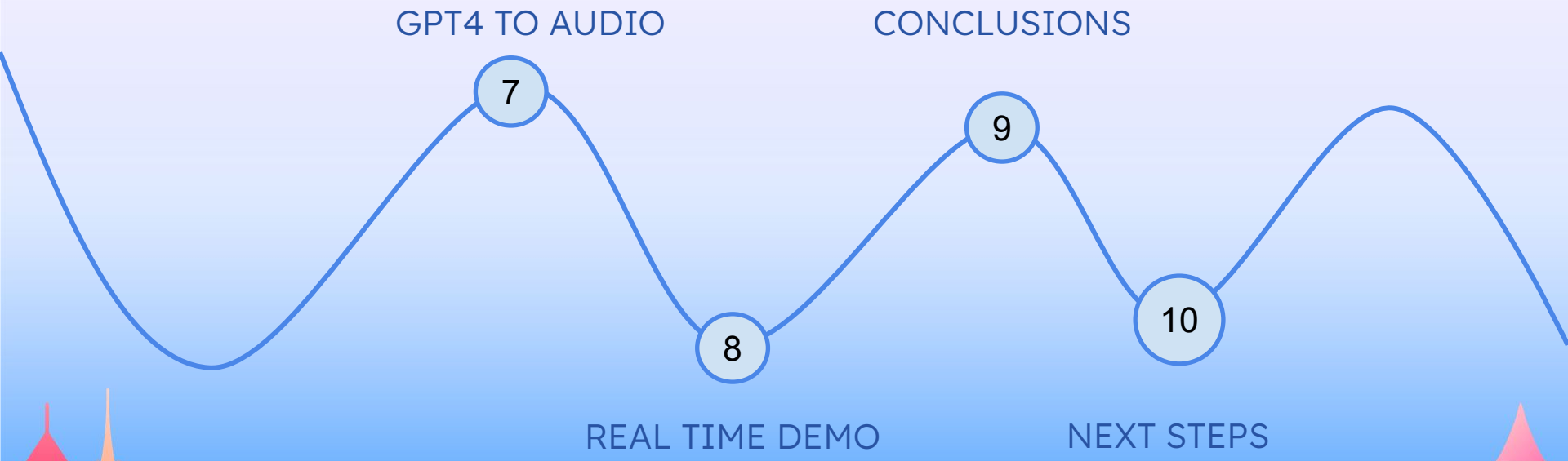
Traduciendo Señales Eléctricas del Cerebro en Acciones a través de Modelos LLM.

Adonai Vera – ML Engineer Subterra AI

Topics

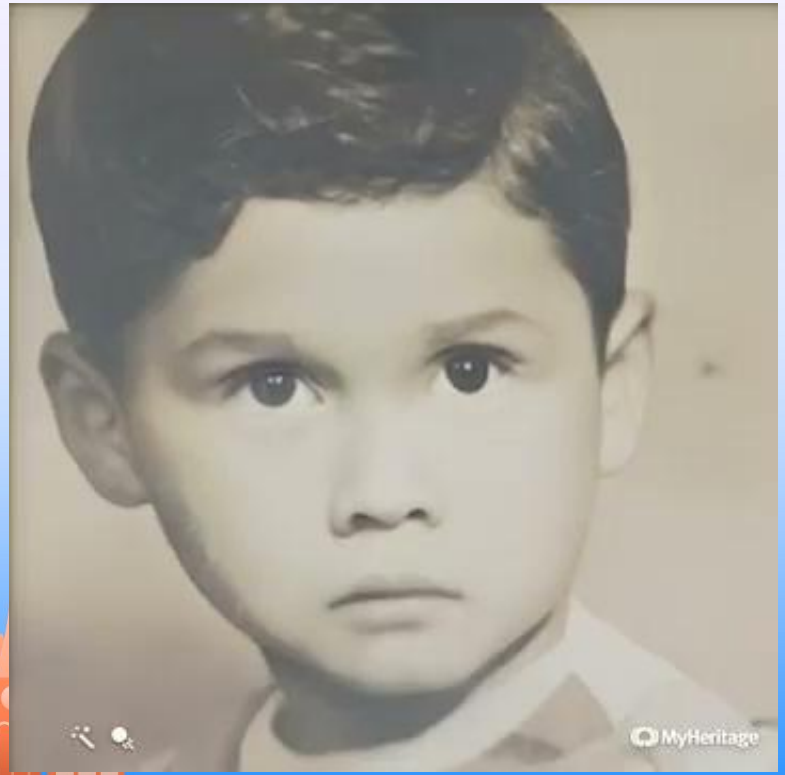

1
ME
2
WHAT ARE BRAINWAVES
3
NEUROSITY
4
EXAMPLES
5
TRAIN MODEL
6
ACTIONS TO GPT4

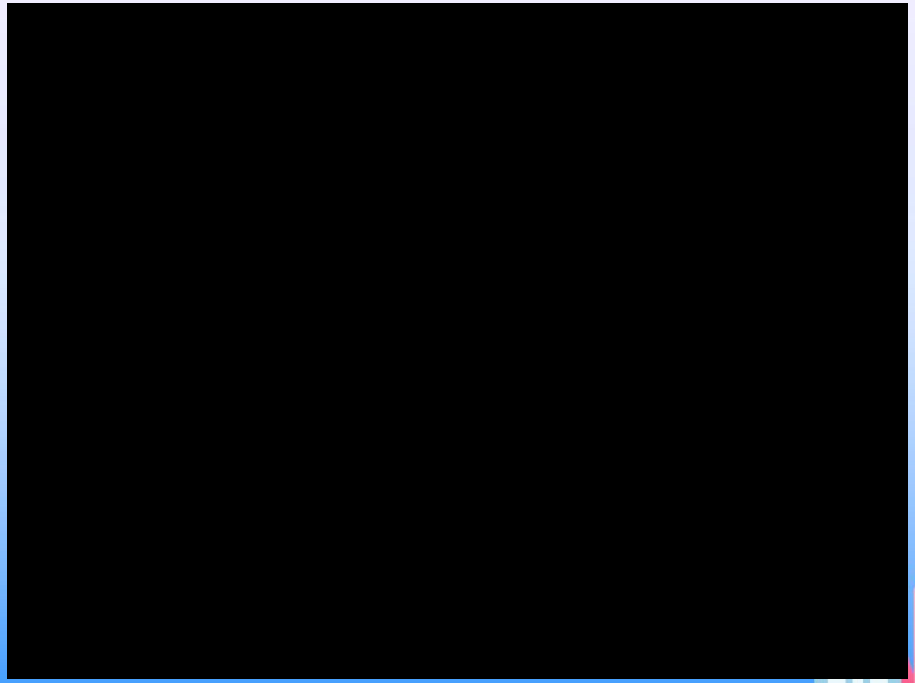
Topics



Why Artificial Intelligence 🌏

"My personal story"





My purpose is to make the technology **easier to use, accessible** and with **good quality** to anybody

Experts AKOUNTGO GETACLUB AIESEC STEER N°RTH Hugging Face

DeepLearning.AI subterra™ switch correlation.one DATA SCIENCE FOR ALL™

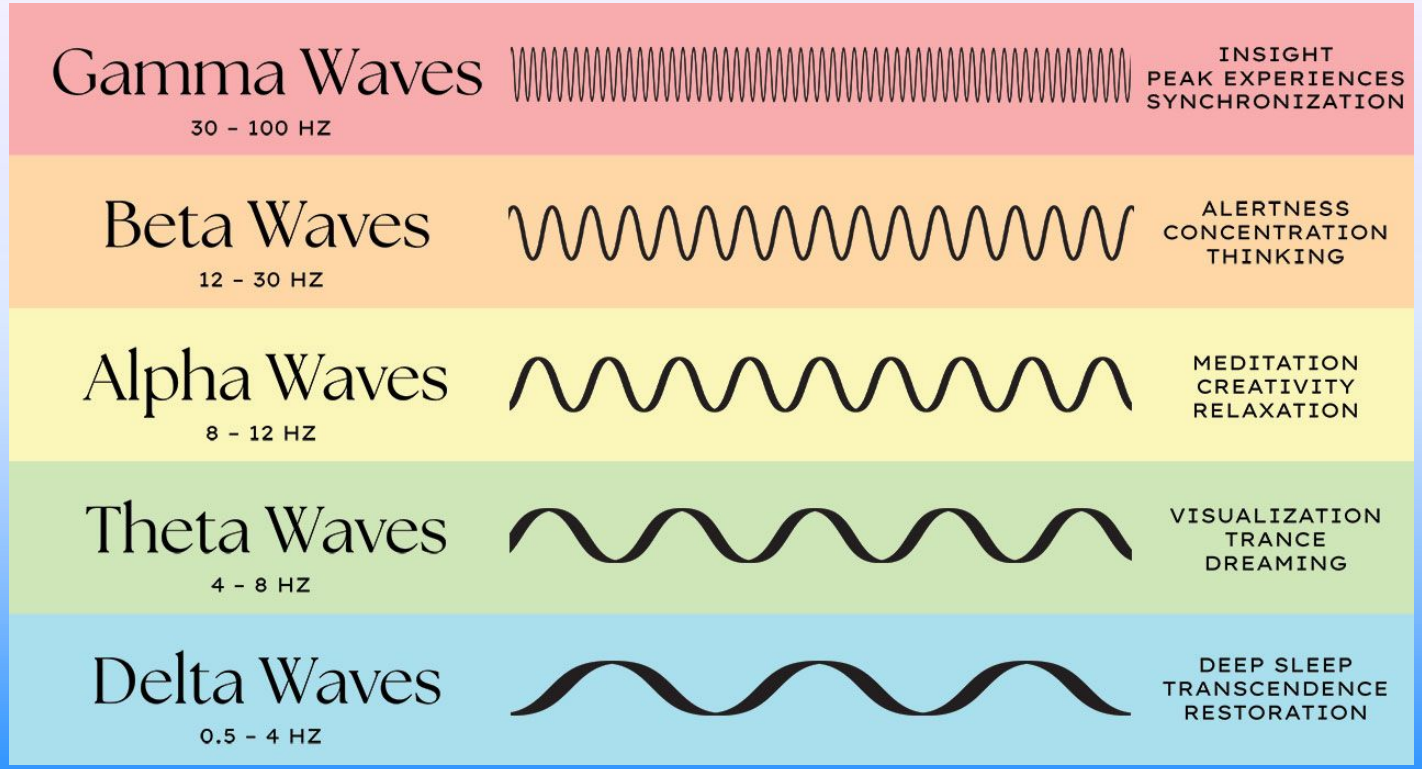
I'm Adonai Vera. A Machine Learning Engineer based in Colombia 🇨🇴

I have been a software developer, AI developer, AI Leader, and CTO in different companies which has given me a vision of creating AI products with a customer focus 🌎 Besides, I'm one of the 10 TensorFlow certified Developers for Google in Colombia, author of courses as "Curso Profesional de Redes neuronal con TensorFlow", and "Curso Profesional de computer vision con TensorFlow" in Platzi and winner of the hackathon Covid19 and Innovate2019 with Ecopetrol Colombia 🌟 ...

On this site we explore the strategies and tools that help us live happier, healthier, more productive lives 🚀

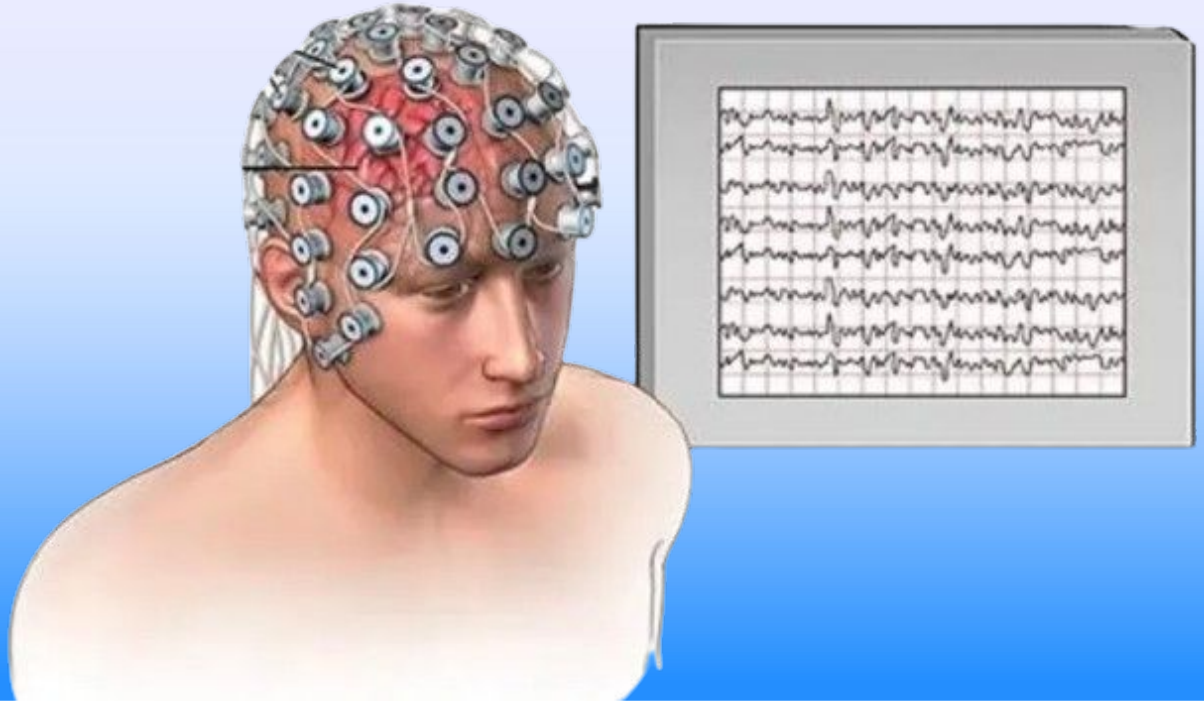
What are Brainwaves 🌏

"Electrical impulses"



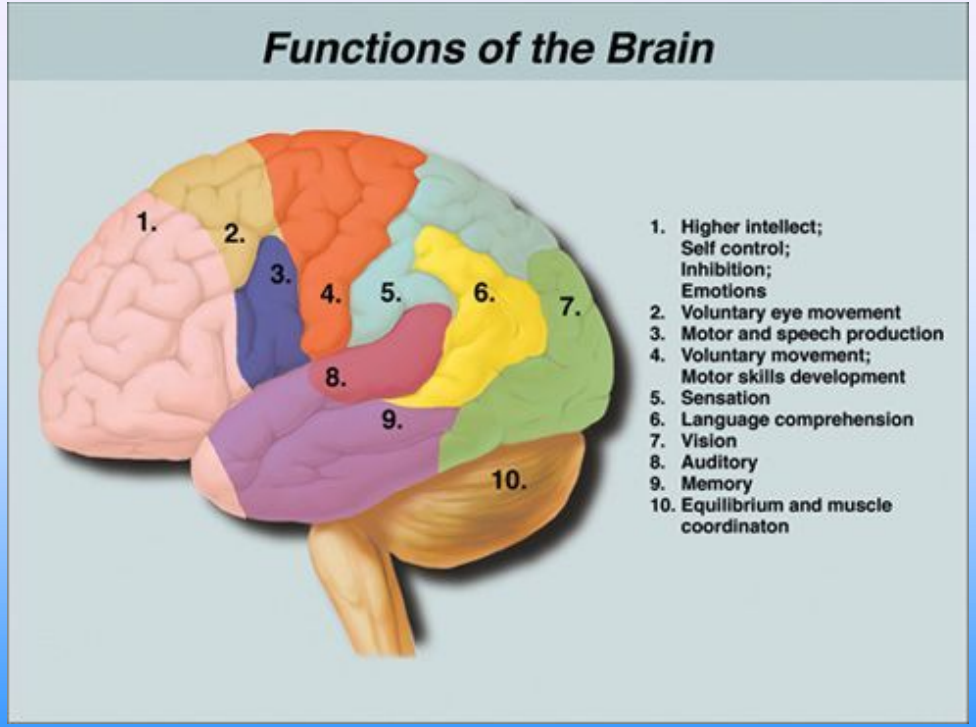
History of the EEG

"Electroencefalografía (EEG)"



History of the EEG

"Electroencefalografía (EEG)"



Neurosity

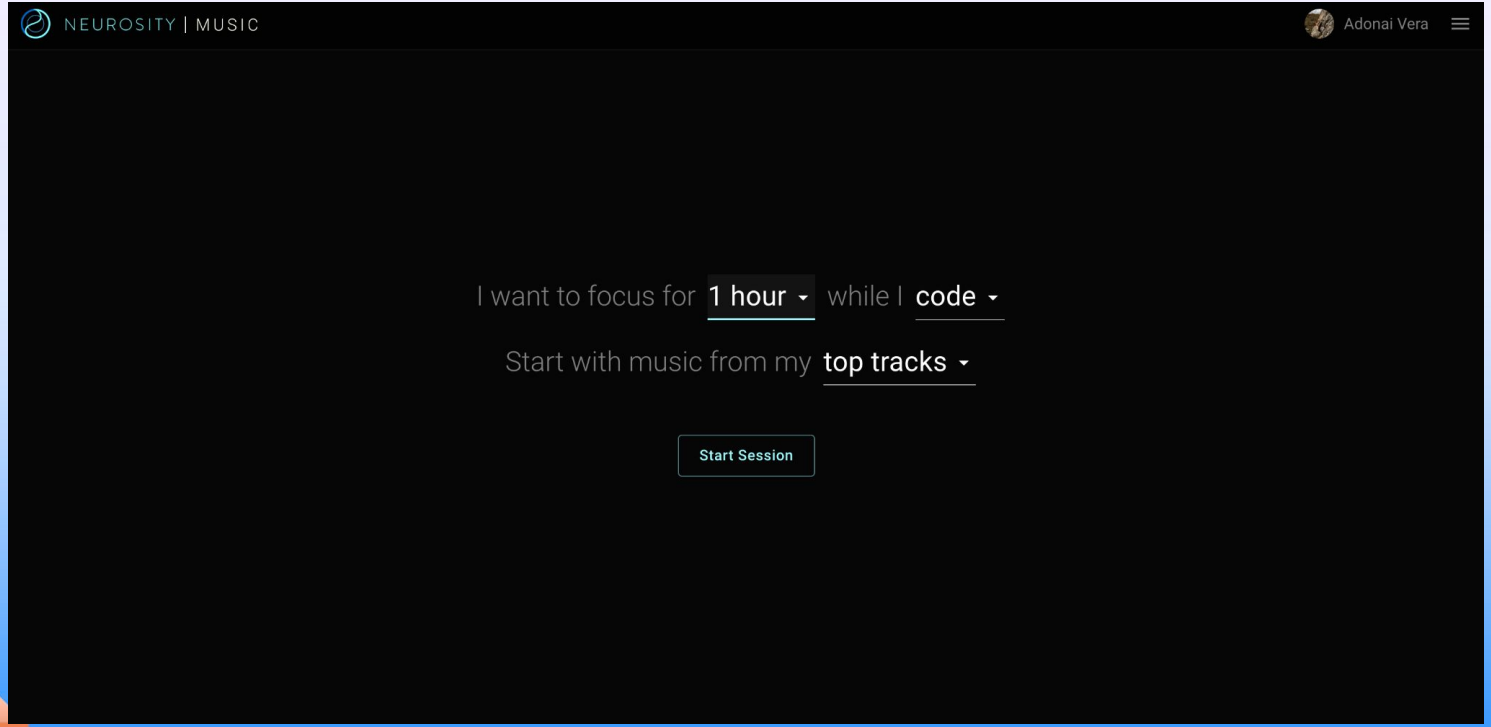
“Electroencefalografía (EEG)”

Interesting Facts

Quad-core 1.8 GHz CPU. 8 active EEG sensors. Near-field Communication (NFC). Privacy and Security Crown -> 256Hz

Examples 🌏

"Neurosity"



Examples

“Electroencefalografía (EEG)”

Examples

“Electroencefalografía (EEG)”

Examples

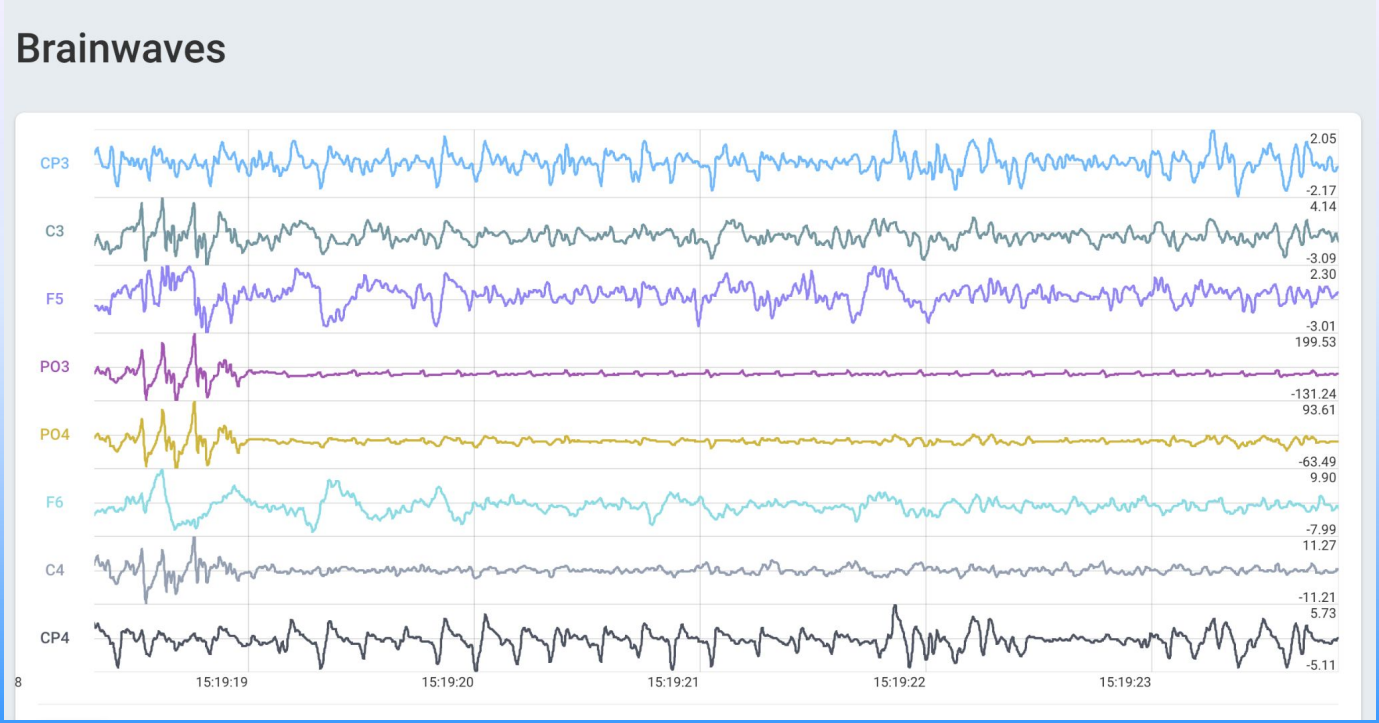
"Education"

EMOTIV

Examples

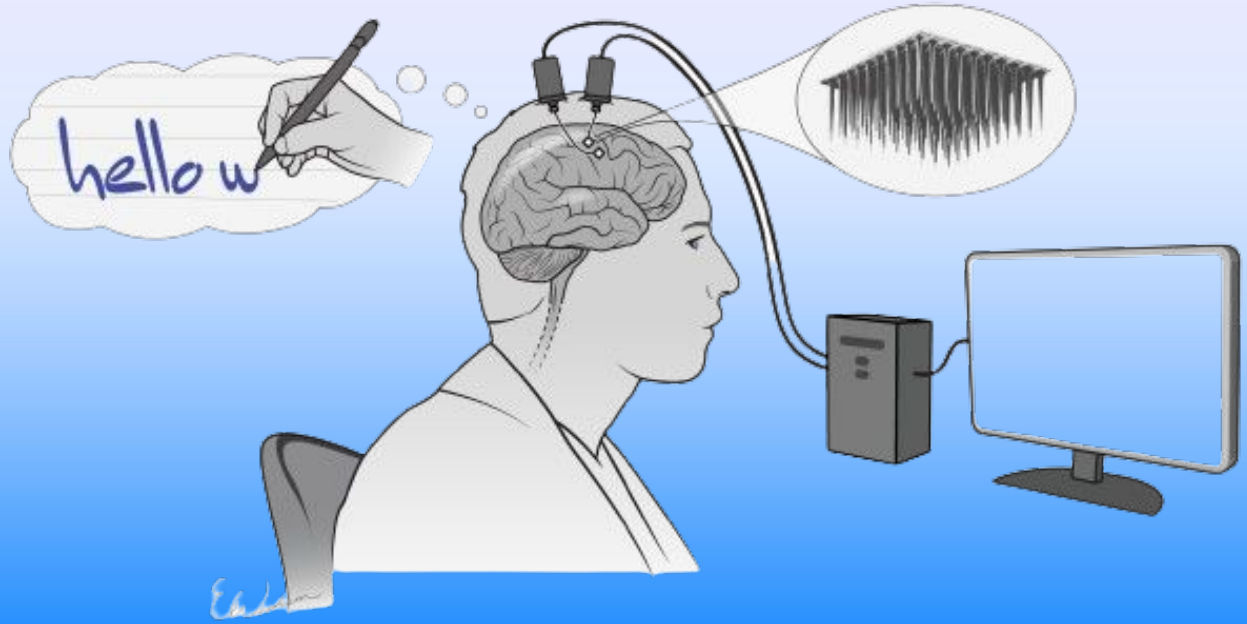
“Propheticai - The Halo ”

Pizza Example of Actions 🌏



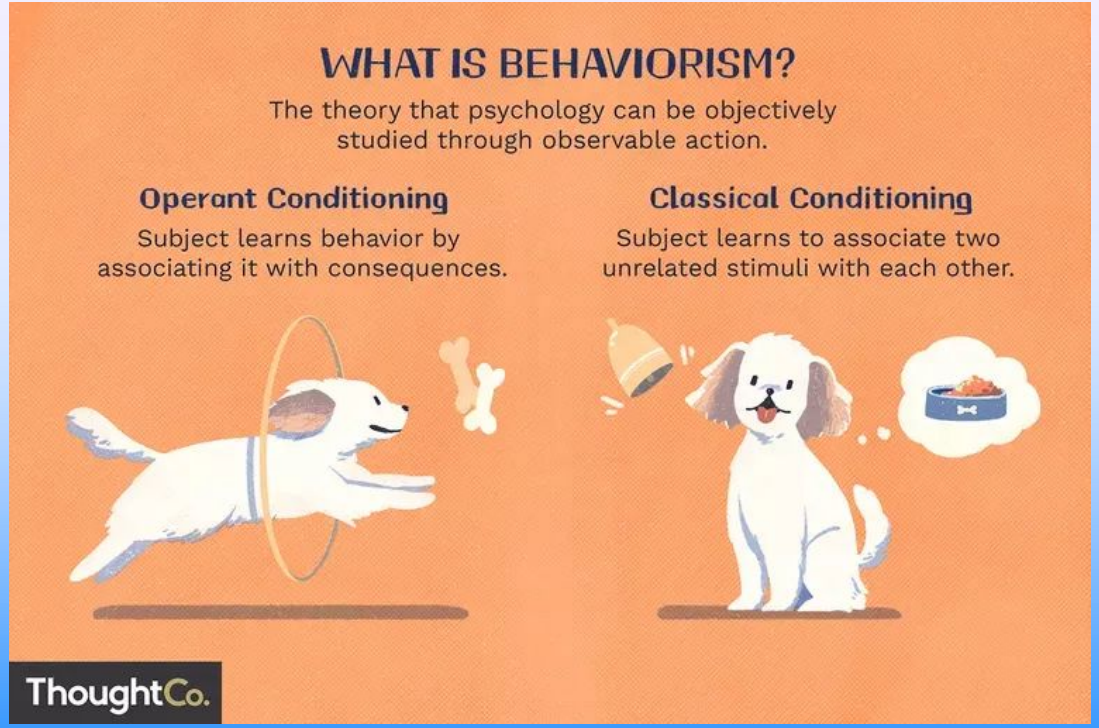
Brain-Computer Interfaces (BCI)

Neurofeedback is a form of biofeedback that leverages developments in BCIs and neuroscience



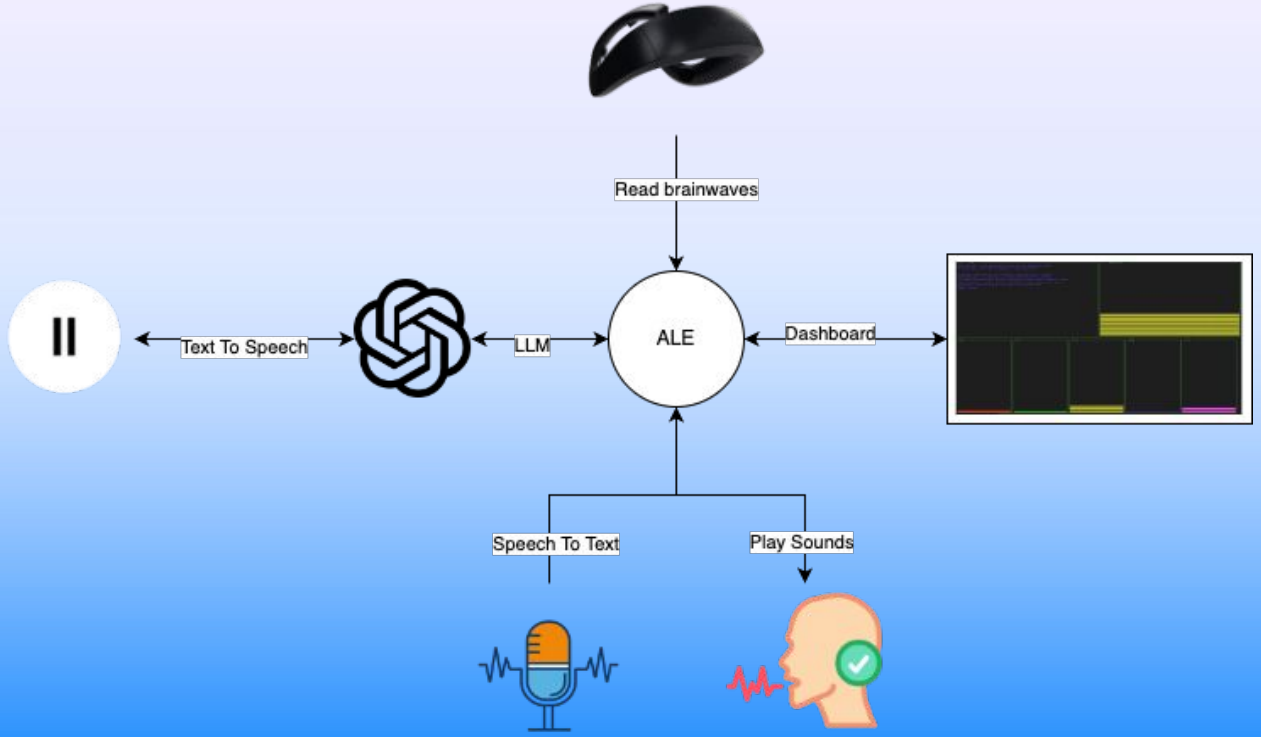
Brain-Computer Interfaces (BCI)

Neurofeedback is a form of biofeedback that leverages developments in BCIs and neuroscience



I created ALE

Attention Level Enhancement: This name emphasizes the system's ability to enhance and monitor attention levels during meditation.



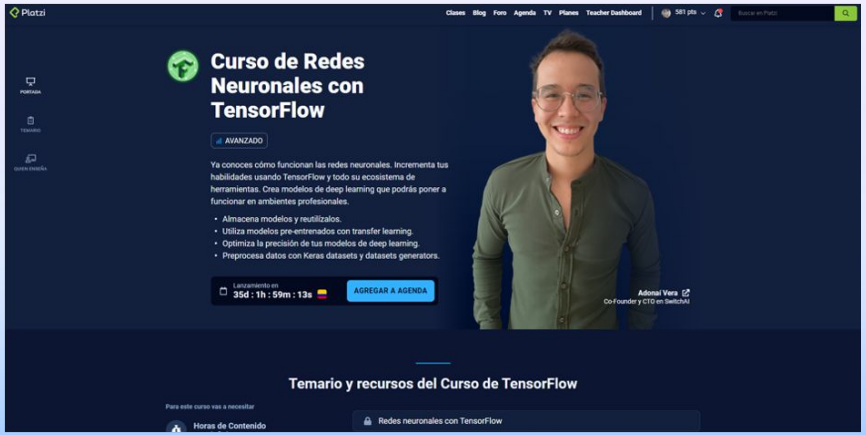
Let’s code🌏

Where do I start?

- Be part of the community.
- Try to be in a research team.
- Learn with projects.
- Share experiences.
- Register to daily tools as TECLA or Paper with Code Newsletter.
- Use AI tools.

I don't know anything about AI

www.adonaivera.com



How can we take action to reduce barriers to accessing artificial intelligence and make it more accessible to everyone? 💡🚀