Classifying Brain Tumor Images with Teachable Machine

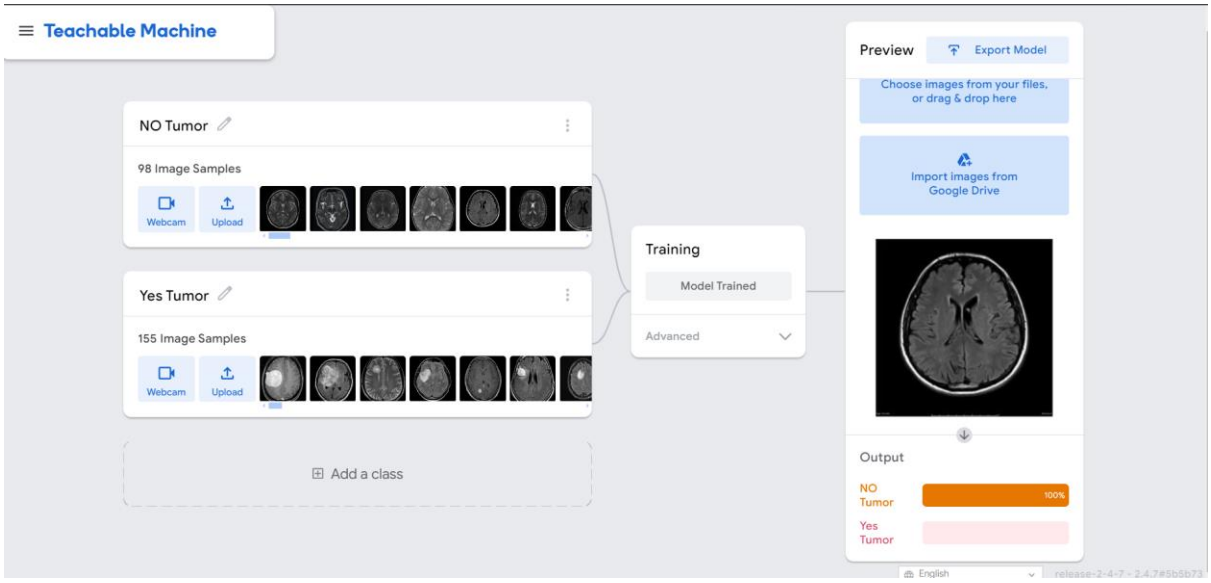
This project aims to leverage the capabilities of Teachable Machine's Image Model to develop a classification system capable of distinguishing between brain images with and without tumors. By training a model to accurately identify the presence of brain tumors, we seek to contribute to the early detection and treatment planning of this critical health condition, showcasing the potential of AI to support medical diagnostics.

Project Overview:

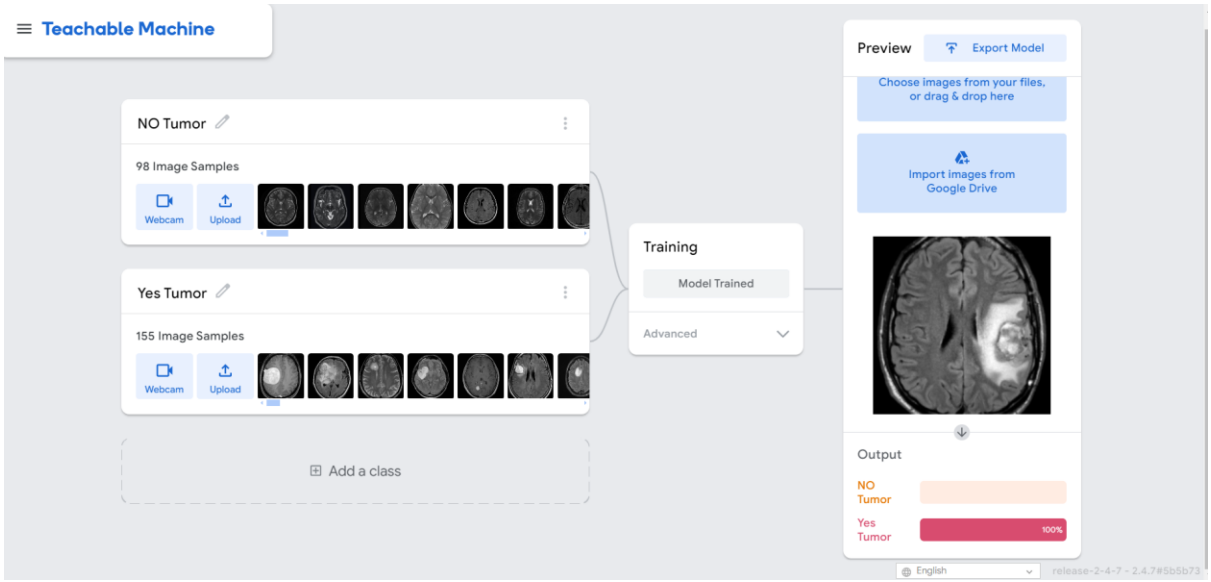
The project focuses on creating an AI-powered tool that uses the Teachable Machine Image Model for the classification of brain MRI images into two categories: "Brain Tumor: Yes" and "Brain Tumor: No". This initiative is designed to demonstrate how machine learning can be applied to medical imaging, potentially serving as an aid to radiologists and healthcare professionals in the preliminary screening and diagnosis of brain tumors.

Project link : https://teachablemachine.withgoogle.com/models/odTxE85Gz/s

No Tumor:



Yes Tumor:


Teachable Machine
NO Tumor
98 Image Samples
Webcam
Upload
Yes Tumor
155 Image Samples
Webcam
Upload
Add a class
Training
Model Trained
Advanced
Preview
Export Model
Choose images from your files, or drag & drop here
Import images from Google Drive
Output
NO Tumor
Yes Tumor
100%
English
release-2-4-7 - 2.4.7#5b5b73