

# TEACHABLE MACHINE IMAGE PROJECT

This is a project to classify images using Teachable Machine

## GETTING STARTED

### Prerequisites

- Miniconda
- Python 3.10.13
- Pip3
- Git
- A webcam

### Requirements

```
scipy==1.11.4  
pillow==10.2.0  
tensorflow==2.15.0  
opencv-python==4.9.0.80
```

### Installation

1. Clone the repo

```
git clone  
cd ./teachable-machine-image
```

2. Create a virtual environment

```
# Create conda environment  
conda create -n py310_develop python=3.10.13 -y  
# Activate conda environment  
conda activate py310_develop
```

3. Install the requirements

**~~Double-click the install\_packages-script file, or run the following code from the command line:~~**

```
pip3 install -r requirements.txt
```

4. Run the app

```
python3 snapshot.py  
python3 train.py  
python3 predict.py
```

5. Stop the env

```
# Deactivate conda environment  
conda deactivate
```