



Teachable Machine Strikes Back

PoseNet



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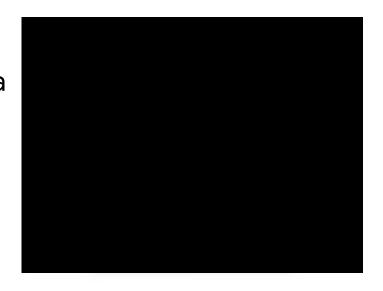
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Brasil





Teachable Machine

Teachable Machine é uma ferramenta web para criar modelos de inteligência artificial de maneira fácil, rápida e acessível á todos.



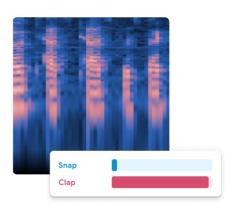






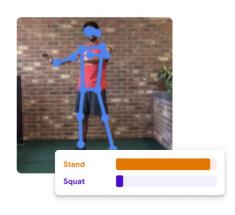
Images

Teach a model to classify images using files or your webcam.



Sounds

Teach a model to classify audio by recording short sound samples. (WAV/MP3/etc file support coming soon.)



Poses

Teach a model to classify body positions using files or striking poses in your webcam.



Como usar?







1 Gather

Gather and group your examples into classes, or categories, that you want the computer to learn.

2 Train

Train your model, then instantly test it out to see whether it can correctly classify new examples.

3 Export

Export your model for your projects: sites, apps, and more. You can download your model or host it online for free.

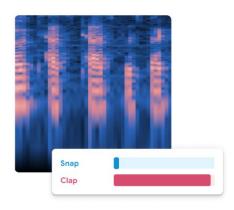


O que posso fazer?



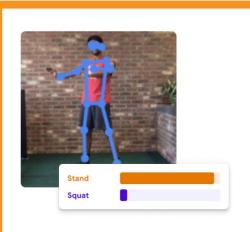
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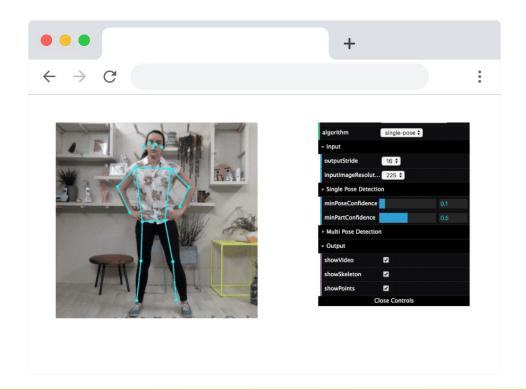








Posenet







Keypoints

ld	Part
0	nose
1	leftEye
2	rightEye
3	leftEar
4	rightEar
5	leftShoulder
6	rightShoulder
7	leftElbow
8	rightElbow

ld	Part
9	leftWrist
10	rightWrist
11	leftHip
12	rightHip
13	leftKnee
14	rightKnee
15	leftAnkle
16	rightAnkle



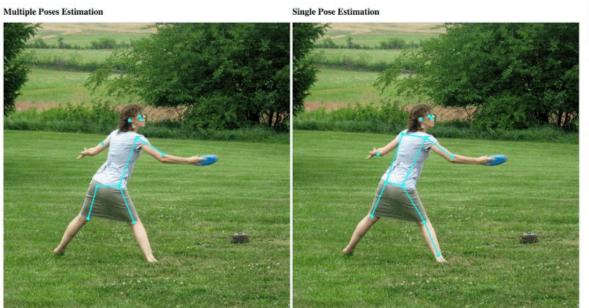


Outputs

```
...
{
    "position": {
        "y": 282.80120849609,
        "x": 203.81164550781
    },
    "part": "rightKnee",
    "score": 0.96947449445724
    },
]
```













Links

Teachable Machine: https://teachablemachine.withgoogle.com/

Google Experiments: https://experiments.withgoogle.com/

Github TF Examples: https://github.com/tensorflow/examples

Google Colab: https://colab.research.google.com/

Codelabs: https://codelabs.developers.google.com/

Obrigado!

