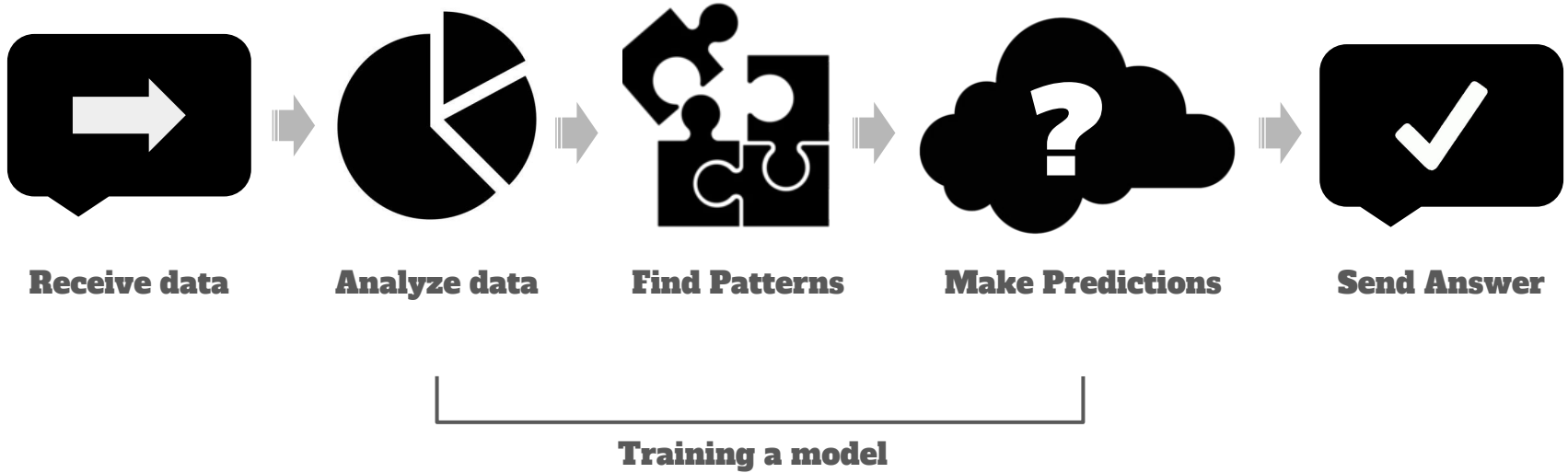


Machine Learning Basics



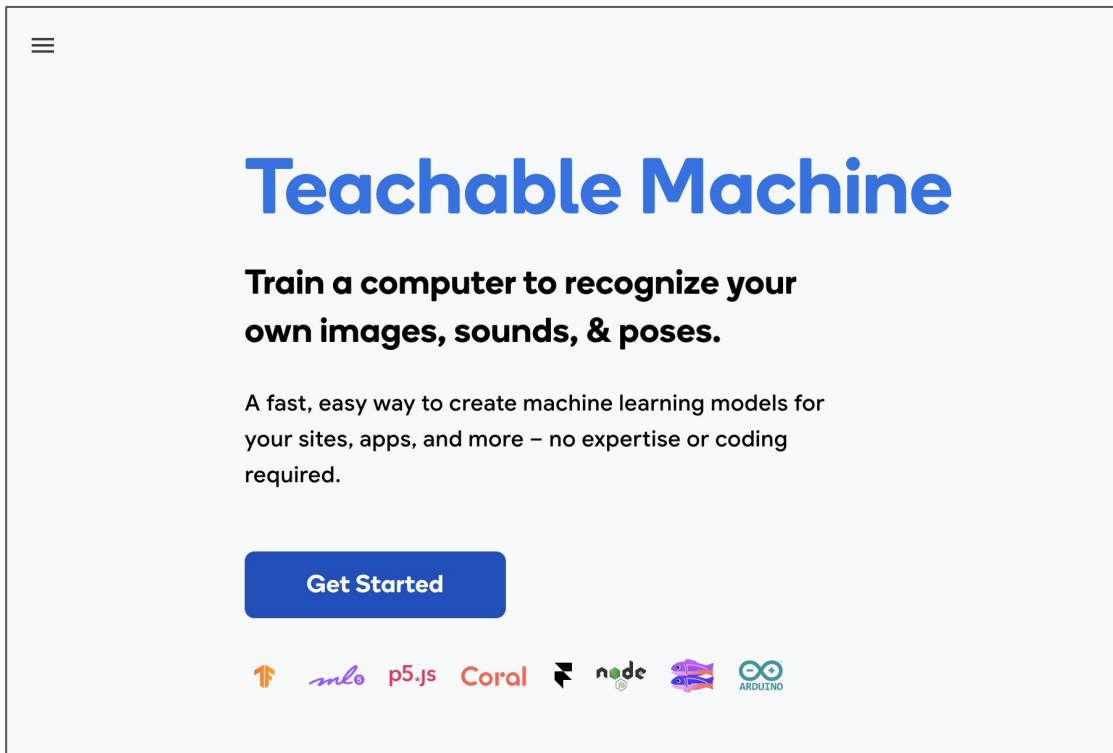
Teachable Machine Instructions

Step 1

Go to:

<https://teachablemachine.withgoogle.com>


And click the “Get Started” button.




Step 2

Click the “Audio Project” button to open a new project (or choose an existing project).

New Project

 Open an existing project from Drive.

 Open an existing project from a file.

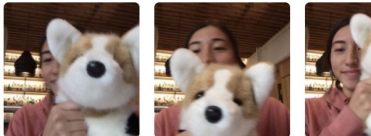
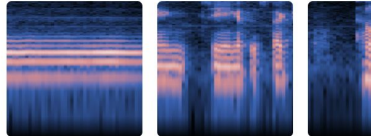



Image Project

Teach based on images, from files or your webcam.



Audio Project

Teach based on one-second-long sounds, from files or your microphone.

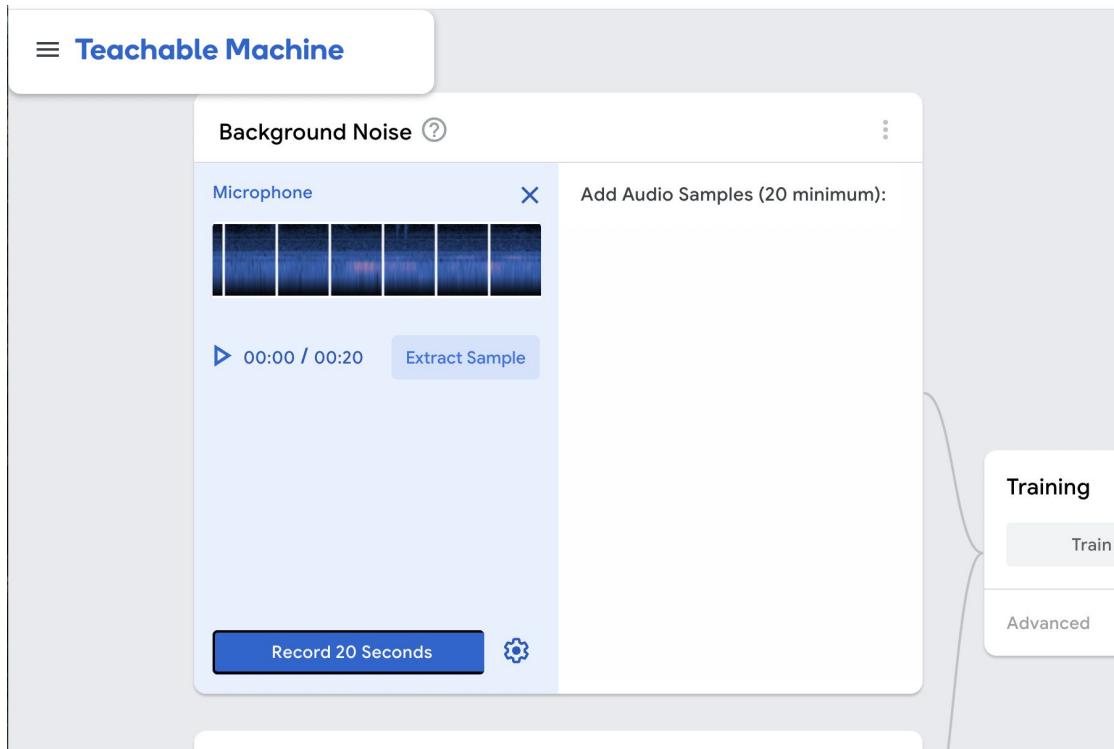


Pose Project

Teach based on images of a person's pose, from files or your webcam.

Step 3

Record 20 seconds of background noise (click “Record 20 Seconds”) and click “Extract Sample”.



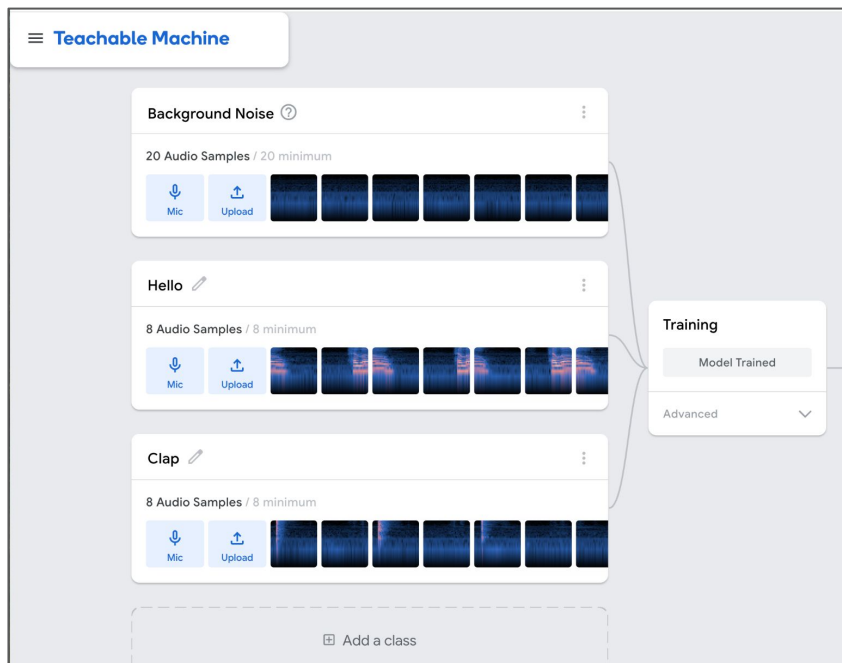
Step 4

Click “Add a class” to add new sounds (ex. “Hello”). Type a name for the class.

Click “Mic” to record sound.

Click “Record 2 seconds”.

Click “Extract Sample” after recording.



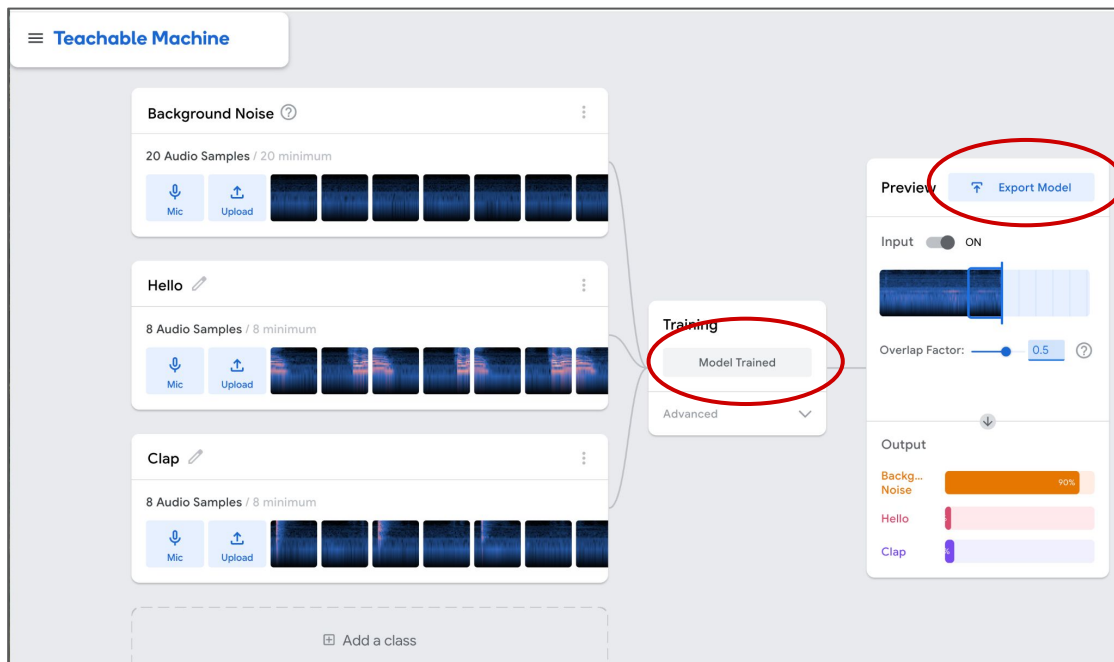
Note: Each class requires 8 audio samples (ex. record saying “Hello” 8 times).

Step 5

After adding the classes, click “Train Model” in the middle section.

When done (see “Model Trained”) you can preview the model by speaking.

After previewing, click “Export Model”.



Step 6

Export your model by clicking “Upload to Cloud”.

Copy and save the “shareable link”.

