# Machine Learning Models

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# TensorFlow.js

#### TensorFlow.js es una biblioteca para el aprendizaje automático en JavaScript

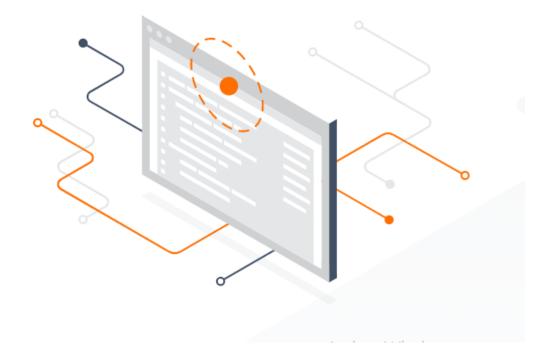
Desarrolla modelos de AA en JavaScript y usa el AA directamente en el navegador o en Node.js.

Ver los instructivos

Los instructivos te enseñan a usar TensorFlow.js con ejemplos completos de extremo a extremo Ver los modelos

Modelos previamente entrenados, listos para usar para casos de uso comunes. Ver demostracione s

Se ejecutan demostraciones en vivo y ejemplos en tu navegador mediante TensorFlow.js.



### Diferentes modelos







## **Pre-trained TensorFlow.js models**

- This repository hosts a set of pre-trained models that have been ported to TensorFlow.js.
- The models are hosted on NPM and unpkg so they can be used in any project out of the box. They can be used directly or used in a transfer learning setting with TensorFlow.js.

Туре	Model	Demo	Details	Install
Images	MobileNet	live	Classify images with labels from the ImageNet database.	npm i @tensorflow-
		source		models/mobilenet
	Hand	live	Real-time hand pose detection in the browser using TensorFlow.js.	npm i @tensorflow-
		source		models/hand-pose- detection
	Pose	live	An API for real-time human pose detection in the browser.	npm i @tensorflow-
		source		models/pose-detection
	Coco SSD		Object detection model that aims to localize and identify multiple objects in a single image. Based on the TensorFlow object detection API.	npm i @tensorflow- models/coco-ssd
		source		
	BodyPix	live	Real-time person and body part segmentation in the browser using TensorFlow.js.	npm i @tensorflow- models/body-pix
		source		
	BlazeFace	live	Real-time rapid Face detection in the browser using TensorFlow.js.	npm i @tensorflow- models/blazeface
		source		
	DeepLab v3	source	Semantic segmentation	npm i @tensorflow- models/deeplab
	Face Landmark Detection	live	Real-time 3D facial landmarks detection to infer the approximate surface geometry of a human face	npm i @tensorflow-
		source		models/face-landmarks- detection

#### Referencias

- <a href="https://www.ma-no.org/es/programacion/javascript/10-librerias-para-machine-learning-en-javascript">https://www.ma-no.org/es/programacion/javascript/10-librerias-para-machine-learning-en-javascript</a>
- https://github.com/tensorflow/tfjs-models/tree/master/blazeface