

Google has released a tool to spot faked and doctored images | MIT Technology Review

By Karen Hao

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Jigsaw, a technology incubator at Google, has released [an experimental platform called Assembler](#) to help journalists and front-line fact-checkers quickly verify images.

How it works: Assembler combines several [existing techniques](#) in academia for detecting common manipulation techniques, including changing image brightness and pasting copied pixels elsewhere to cover up something while retaining the same visual texture. It also includes a detector that spots deepfakes of the type created using StyleGAN, an algorithm that can generate realistic imaginary faces. These detection techniques feed into a master model that tells users how likely it is that an image has been manipulated.

[...]

Source: [Google has released a tool to spot faked and doctored images | MIT Technology Review](#)