Facebook, NYU to initiate fastMRI using AI

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Facebook has partnered with New York University (NYU) School of Medicine to initiate a research project focused on leveraging artificial intelligence (AI) to make magnetic resonance imaging (MRI) scans ten times faster.

Under the fastMRI collaboration, Facebook AI Research (FAIR) group and the medical school's Radiology department will investigate the use of AI in expediting the reconstruction of MR images.

As part of the collaboration, the university will provide Facebook with access to about three million images of MRI scans of the knee, brain and liver. This data from 10,000 clinical cases will be used to train the algorithms.

According to Facebook and NYU, patient names and all other critical health information have been removed from the images, as well as raw scanner data.

The partners intend to open-source their work to enable other researchers to replicate and build on their findings.