

IMAGE RECOGNITION MODEL TRAINING METHOD AND APPARATUS

ABSTRACT

Implementations of the present specification provide an image recognition model training method and apparatus. Each first member device performs data desensitization processing on training sample image data based on frequency domain transform to obtain first desensitized image data; provides the first desensitized image data to a hyperparameter selection model to select a first hyperparameter; performs image mixing processing on the first desensitized image data based on data augmentation by using the first hyperparameter to obtain second desensitized image data and second label data that is label mixing processed and corresponding to the second desensitized image data; and then trains an image recognition model by using the second desensitized image data and the second label data. A second member device updates the image recognition model by using a model training result received from each first member device.

Figure 2