

## Image data binary classifier

### Potential applications

Let's imagine we are in charge of this photography forum, which has a lot of sub-threads that correspond to specific types of images, i.e. landscapes, beaches, abstract, etc. We constantly have to deal with uncivilized users that are uploading completely unrelated stuff —some offensive stuff too— and with careless users as well —these ones only upload their pictures to the wrong category though. It is easy to see why the manager of this forum would want to use this classifier in order to alleviate this problem and who knows, maybe even save some money by automating the image classification.

### Possible implications

Because of the uncivilized users, we could end up recollecting illegal data and training our algorithm to perfectly recognize protected or confidential data. At the same time, depending on how the classifier was implemented we could end up with some unwanted images in the database that our algorithm uses. Recollecting illegal data is something that could easily happen since our classifier works well with all pictures, so that to avoid it, we should not just deploy it to our photography forum as it is. Instead we should pay attention to the sub-threads we are going to implement it on so that we avoid legal problems. At very least, we must make sure of how our algorithms works so that we know that we are not storing anything that compromises us.