

# ARTIFICIAL INTELLIGENCE: INTELLIGENT ALGORITHM FOR COPYRIGHT INFRINGEMENT DETECTION IN ARTWORK

## CLIENT:

To find artwork and designs that violate copyright and registered trademark logos among those that are submitted by artists from across the world.

## CHALLENGE:

Base architecture: RESNET50

The model uses custom architecture (image similarity of logo/trademarks – siamese network with triplet loss) to evaluate the millions of artwork and their descriptions to ensure that only a small fraction needs to be validated manually.

## SOLUTION:

OUR DEEP LEARNING BASED ADVANCED IMAGE SCANNER FINDS AND FLAGS ANY COMMON COPYRIGHTED IMAGES, LOGOS, TEXT, OR ANY OTHER TOOL OF BRANDING USED IN THE DESIGNS THAT COULD MAKE FOR A STRONG CASE OF COPYRIGHT INFRINGEMENT.

