

# Barcode Segmentation using Fully Convolutional Neural Networks

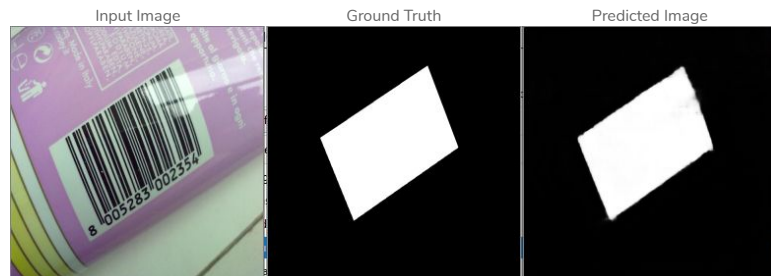
# The problem



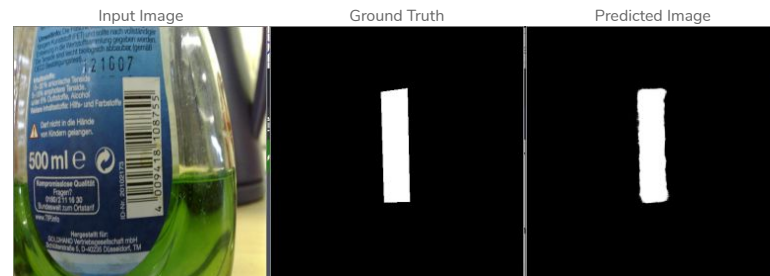
Multiple barcodes, warped perspectives, curved surfaces, partial occlusion, extreme brightness and contrast, among others...



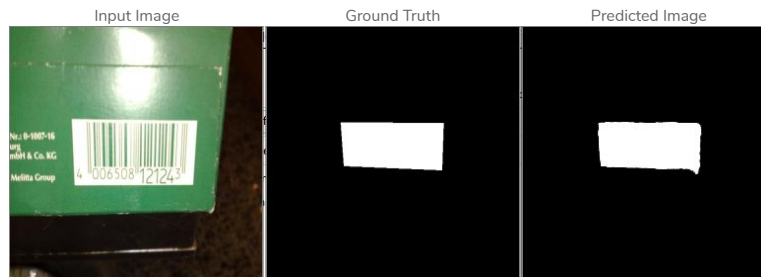
# The solution



Mean Squared Error - 60 epochs



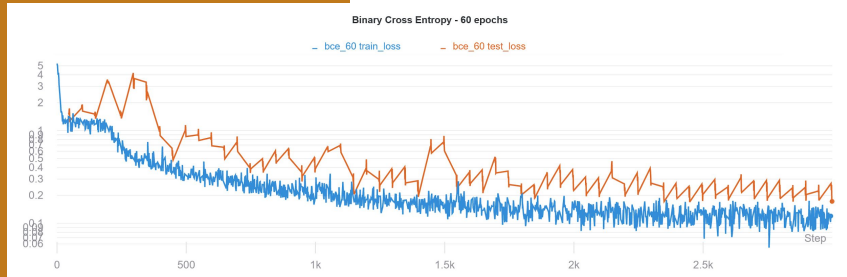
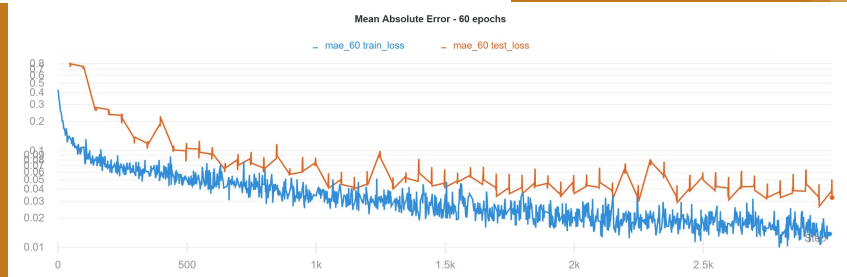
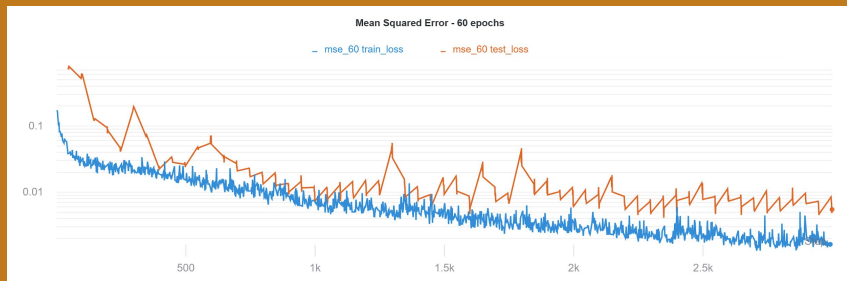
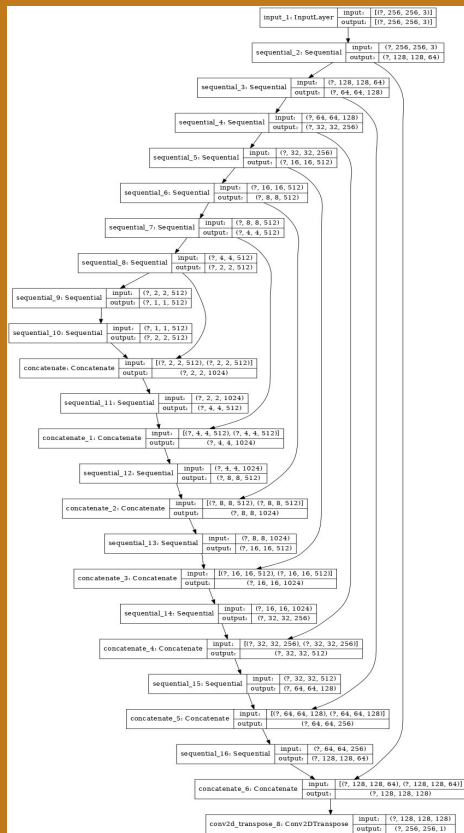
Mean Absolute Error - 60 epochs



Binary Cross Entropy - 60 epochs

Machine learning model capable of performing segmentation of an image around the barcode(s)

# Architecture and results



# Thank you

*Any questions?*

