

In this project, the two main errors I encountered were with Azure Custom Form Recognition and with Azure Custom Vision. With the Azure Custom Form Service, I was unable to set up the correct permissions for the labeling tool to access my sample boarding passes in my Azure Storage Account. No matter how I set up Cross Origin Resource Sharing or the Shared Access Session link, the labeling tool kept claiming that it did not have access. I tried using Azure's sample labeling tool mentioned in their documentation, but the OCR files it was generating didn't work with the custom form recognition tool. The solution I used to fix this was to use a different browser with no cache of me using the labeling tool, and that seemed to allow me to access the images in Azure Blob Storage and label them as needed.

The other issue I kept dealing with was with Azure Custom Vision. Even though my precision value was well above 75% for my model, I realized that when I actually tested it on images, it would create an incredibly large bounding box in the image and could not specifically pinpoint the lighter. I suspect that this is due to the training images dataset being too small. This might also be due to the fact that some of the training images given were duplicates. If I were to attempt this project again in the future, I would greatly expand my training dataset.