

For this project, I added the `contrast` and `dissimilarity` features in an attempt to better define the synapses in the image. I also implemented the `canny` function to look for edges in the image. This had improved my function to have an `f1` value of around 0.77, so I looked for other algorithms to raise the `f1` value. Throughout the process, I had a lot of trouble with the program telling me that I was trying to “set an array value with a sequence”, which did not make sense because I converted all my 2-d arrays to 1-d arrays using `np.ravel`. In the end, I ended up using the `hessian_matrix` function which ended up increasing my `f1` score to 0.9.