In this capstone project I am trying to do image classification. I view this as a steppingstone to learning image classification, which eventually I would like to enhance to view available parking spots on the roads (parallel, perpendicular, and angled parking spots – multiclassification).

In this project, I will be using TensorFlow and Keras to train a model with various small image files of dress items and have my model predict what the item is in the test data.

The dataset is available in Keras and is called fashion\_mnist.

Later on, (not part of this project), I will enhance this code using ResNet neural network to do parking spot image classification.