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Throughout this past week, I was mainly focused on resolving a syntactical error with my algorithm to save and load the Machine Learning model. Namely, when I attempted to reload my ML model using the command "`model = load_model('my_model.h5')`", I was presented with an error that stated that I didn't have a GlorotNormal parameter initialized. This past Thursday and Monday, much of my time was spent debugging this error and eventually, I found a solution on StackOverflow at this link: https://stackoverflow.com/questions/53183865/unknown-initializer-glorotuniform-when-loading-keras-model. Fortunately, fixing the error was as simple as changing the way I imported the TensorFlow python package.

Additionally, I am finalizing the pipeline through which I will structure the x-data for my new approach to the vehicle crash prediction algorithm. Namely, each of the frames is currently being represented by a matrix where the number of rows is equivalent to the number of vehicles detected in the particular dashcam video. Within each row, I am including only four informational elements: the x-position, y-position, bounding box area, and relative depth. All of these values are normalized between 0 and 1 so that the classification algorithm has an easier time interpreting the data. In the coming week, I will use this pipeline to actually train the recurrent neural network so that I have definite results.