Written Preliminary Report

Our project is making good progress so far. We have properly processed the data to remove any bad values in the table. We deleted unnecessary columns and extracted the important features that we wanted to use for our project. We then created a number representation for the region and type (which were originally String values). Additionally, we took out the average price of the dataset and put it in its own array so we can train on it. After we finished preprocessing the data, we set up our two-layer feed-forward neural network to take in the training data and perform the training loop. For cross validation we have the code written in a file and is yet to be directly used. In the near future we plan to implement our multiple linear regression function and create graphs based off our results as discussed in our project plan.