**ML Code Documentation**

**Create\_csv code:**

The create\_csv python file includes a function that converts a raw simulation file from Wireless Insite into a csv file in the following format:

Text

Description automatically generated with medium confidence

This csv file is then used as an input to train the ML models in the train\_model code.

**Train\_model:**

The train model code includes functions to read in the csv file and convert coordinates into polar form.

Three sklearn models were trained, namely a linear regression model, a decision tree regressor and a random forest regressor.

The accuracy of the models was determined by taking the root mean squared error between the predicted labels and the actual label for the data.