We decided to use Random forest as our second method because the given Walmart data is very complex with many different stores and departments. We assume this ensemble approach will give us a better prediction of our data than predicting with only one regression. The random forest method starts with lots of decision trees, and each tree will branch off making smaller sets of data. Random forest method has relative fast runtime, so we think it will be very efficient for the Walmart data set. We first read-in the train and test data, and merged the type and size for train and test data. We made features for train and test data by subset each of the year, month, and day. We made our model for submission by selecting only relevant data for store and department. We increased the weights of holiday data by scale of 5 because the MAE is weighted. In the end, we output predictions in a csv file for submission. The runtime for our model is(), and we checked the accuracy was ()