Which model will perform better (before scaling):

I think the logistic random forest model will perform better because there is a lot of noise in the large data set that can confuse the logistic regression model. Once running the data, the Logistic Testing Data Score was 0.53 and the Random Forest Testing Score was 0.62. Therefore, the Random Forest was more accurate.

Which model will perform better (post scaling):

I think the logistic regression model will perform better because there will be less noise allowing the model to be more accurate. Once running the data, the Logistic Testing Data Score was 0.51 and the Random Forest Testing Score was 0.62. My hypothesis in this case was wrong as the Logistic Regression score decreased slightly and the Random Forest Score stayed the same. As compared to the unscaled data, the Logistic Regression performed slightly better unscaled, and the Random Forest performed the same regardless of scaling.