Take the Russian Housing Dataset discussed in class and

1. Impute all missing values with your best guess
2. Fit a mode with provide your best estimate (RMSE) for performance on NEW and Unknown data
3. Re-do the imputation, this time replacing all missing data with “-1”
4. Repeat step 2 for the “new” dataset and compare the two estimates.

For step 1, make sure to describe your efforts to impute the data.

For step 2, make sure your model is tuned properly and your estimate is for UNKNOWN data.

For Step 4, you may re-use the parameters found in step 2.