Make sure the first letters of street names are capitalized and the street denominations are following the same standard (for example, all streets are indicated as “str.”, avenues as “ave.”, etc.

|  |  |
| --- | --- |
|  | clean\_data$Street <- gsub("(^|[[:space:]])([[:alpha:]])", "\\1\\U\\2", clean\_data$Street, perl=TRUE) |
|  | clean\_data$Street.2 <- gsub("(^|[[:space:]])([[:alpha:]])", "\\1\\U\\2", clean\_data$Street.2, perl=TRUE) |
|  |  |
|  | install.packages('gsubfn') |
|  | library('gsubfn') |
|  |  |
|  | patterns <- c("Lane", "Road", "Avenue", "Green", "Hospital", "Village", "Center", "Drive", "Circle", "Park","Street") |
|  | replacements <- c("Lan.", "Rd.", "Ave.", "Gr.","Hosp.","Vil.","Ctr.", "Dr.", "Cr.","Pk.","Str.") |
|  |  |
|  | clean\_data$Street <- gsubfn("\\b\\w+\\b", as.list(setNames(replacements, patterns)), clean\_data$Street) |
|  | clean\_data$Street.2 <- gsubfn("\\b\\w+\\b", as.list(setNames(replacements, patterns)), clean\_data$Street.2) |
|  |  |
|  |  |