Project5 2019

Elizabeth McGuckin September 29, 2019

Worked with TA Jun and Student Natalie McGuckin

Question 1a

72 is missing a column

Question 1b

```
namesResult <- sapply(myresults, names)</pre>
sapply(1:16, function(x) {which(namesResult[x,] != namesResult[x])})
## [[1]]
## named integer(0)
##
## [[2]]
## named integer(0)
##
## [[3]]
## named integer(0)
##
## [[4]]
## named integer(0)
##
## [[5]]
## named integer(0)
##
## [[6]]
## named integer(0)
##
## [[7]]
```

```
## named integer(0)
##
  [[8]]
##
  named integer(0)
##
##
## [[9]]
## named integer(0)
##
## [[10]]
  named integer(0)
##
##
   [[11]]
##
   named integer(0)
##
##
## [[12]]
##
  named integer(0)
##
## [[13]]
   /class/datamine/data/airbnb/ireland/2019-06-14/visualisations/listings.csv
##
##
## [[14]]
   /class/datamine/data/airbnb/ireland/2019-06-14/visualisations/listings.csv
##
##
##
   [[15]]
   named integer(0)
##
##
## [[16]]
## named integer(0)
[[1]] named integer(0)
[2] named integer (0)
[[3]] named integer(0)
[[4]] named integer(0)
[5] named integer (0)
[[6]] named integer(0)
[[7]] named integer(0)
[[8]] named integer(0)
[[9]] named integer(0)
[[10]] named integer(0)
[[11]] named integer (0)
[[12]] named integer (0)
[[13]] /class/datamine/data/airbnb/ireland/2019-06-14/visualisations/listings.csv 35
[[14]] /class/datamine/data/airbnb/ireland/2019-06-14/visualisations/listings.csv 35
[[15]] named integer (0)
[[16]] named integer(0)
```

```
myresults[[35]] <- NULL
```

Question2

```
sapply(1:100, function(x) {is.factor(myresults[[x]]$neighbourhood)})
                           TRUE TRUE
                                        TRUE
##
     [1]
         TRUE
               TRUE TRUE
                                              TRUE
                                                    TRUE
                                                          TRUE
                                                                TRUE
                                                                      TRUE
##
    [12]
         TRUE
               TRUE
                     TRUE
                           TRUE
                                 TRUE
                                        TRUE
                                              TRUE
                                                    TRUE
                                                          TRUE
                                                                TRUE
                                                                      TRUE
##
    [23]
         TRUE
               TRUE
                     TRUE
                           TRUE
                                 TRUE
                                        TRUE
                                              TRUE
                                                    TRUE
                                                          TRUE
                                                                TRUE
                                                                      TRUE
##
   [34]
         TRUE
               TRUE
                     TRUE
                           TRUE
                                 TRUE
                                        TRUE
                                              TRUE
                                                    TRUE
                                                          TRUE
                                                                TRUE
                                                                      TRUE
##
   [45]
         TRUE
               TRUE
                     TRUE
                           TRUE
                                 TRUE
                                        TRUE
                                              TRUE
                                                    TRUE
                                                          TRUE
                                                                TRUE
                                                                      TRUE
##
   [56]
         TRUE
               TRUE
                     TRUE
                           TRUE
                                 TRUE
                                        TRUE
                                              TRUE
                                                    TRUE
                                                          TRUE
                                                                TRUE
                                                                      TRUE
##
    [67]
         TRUE
               TRUE
                     TRUE
                           TRUE
                                 TRUE
                                        TRUE
                                              TRUE
                                                    TRUE
                                                          TRUE
                                                                TRUE
                                                                      TRUE
##
   [78]
         TRUE TRUE TRUE
                           TRUE TRUE
                                        TRUE
                                                    TRUE
                                                                TRUE TRUE
                                              TRUE
                                                          TRUE
  [89]
         TRUE FALSE TRUE TRUE TRUE
                                       TRUE
                                             TRUE TRUE
                                                          TRUE TRUE FALSE
## [100]
         TRUE
```

```
myresults[[90]]$neighbourhood <- as.factor(myresults[[90]]$neighbourhood)
myresults[[99]]$neighbourhood <- as.factor(myresults[[99]]$neighbourhood)</pre>
```

the 6th column of these two data frames are now factors instead of integers

Question 3

```
finalData <- do.call(rbind, myresults)
```

This is now one big data frame