Analyzing my Facebook Data

Kshitij Kulkarni

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Introduction

Here we try to accomplish three tasks from the data obtained from facebook:

Task 1: To find the frequency of status updates

Task 2: To Rank the words and visualize them in wordle

Task 3: To segregate friends using their gender

Note: The data has been obtained from the app "give me my data" in XML format and then it was first converted to .xlsx format using MS Excel. Later, it was converted to .csv format using MS Excel itself and then it was loaded in R.

```
###### Task # 1 Frequency of Status Updates
fbStat <- read.csv("C:/Users/Kshitij
Kulkarni/Desktop/reeStUpdates.csv",header=T, as.is=T)
# check the data
head(fbStat)

##         uid status_id                        time     source
## 1 568823384  1.02e+16 2013-03-05T07:00:34-08:00 3.51e+11
## 2 568823384  1.02e+16 2013-02-11T06:08:11-08:00 3.51e+11
## 3 568823384  1.02e+16 2013-01-29T19:25:39-08:00 1.74e+14
## 4 568823384  1.02e+16 2013-01-27T00:39:55-08:00 1.74e+14
## 5 568823384  1.02e+16 2012-12-24T03:20:43-08:00 1.74e+14
## 6 568823384  1.02e+16 2012-12-18T07:10:46-08:00 1.74e+14
##
message
## 1
Where is "out there" ?
## 2
What is with people's fake accent. . .
## 3
Amidst rampant immaturity
## 4
Go Djoko !
## 5 All of life is an act of letting go but what hurts the most is not
taking a moment to say goodbye  Pi .. Few good catching moments in movie.
```
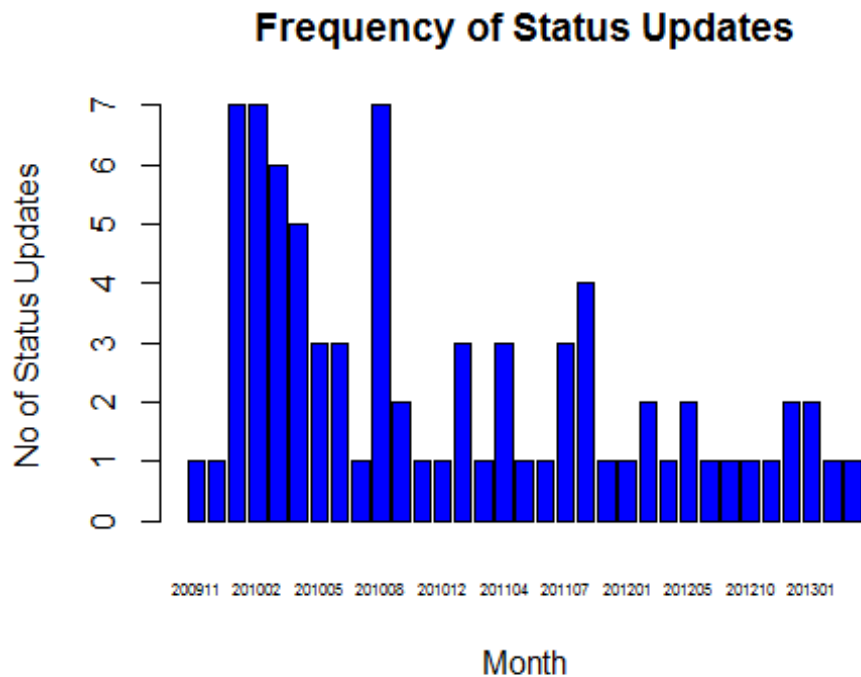
```
## 6
2 years in BofA & Hyd

str(fbStat)

## 'data.frame':    78 obs. of  5 variables:
##  $ uid      : int  568823384 568823384 568823384 568823384 568823384
568823384 568823384 568823384 568823384 568823384 ...
##  $ status_id: num  1.02e+16 1.02e+16 1.02e+16 1.02e+16 1.02e+16 ...
##  $ time     : chr  "2013-03-05T07:00:34-08:00" "2013-02-11T06:08:11-08:00"
"2013-01-29T19:25:39-08:00" "2013-01-27T00:39:55-08:00" ...
##  $ source   : num  3.51e+11 3.51e+11 1.74e+14 1.74e+14 1.74e+14 ...
##  $ message  : chr  "Where is \"out there\" ?" "What is with people's fake
accent. . ." "Amidst rampant immaturity" "Go Djoko !" ...

# Strip the date part
fbStat$date <- gsub('T(.*)','',fbStat$time)
fbStat$date <- as.Date(fbStat$date, "%Y-%m-%d")
# Create column for year month
fbStat$year_month <- as.numeric(format(fbStat$date, "%Y%m"))
barplot(table(fbStat$year_month), col="blue", cex.names=0.5,main="Frequency
of Status Updates", xlab="Month", ylab="No of Status Updates" )
```


Frequency of Status Updates

```
###### Task # 2 Rank the words
str(fbStat$message)

##  chr [1:78] "Where is \"out there\" ?" ...
```

```r
message <- paste(as.vector(fbStat$message),collapse = " ")
strsplit(tolower(message), " ")
```

```
## [[1]]
##   [1] "where"            "is"
##   [3] "\"out"            "there\""
##   [5] "?"                "what"
##   [7] "is"               "with"
##   [9] "people's"         "fake"
##  [11] "accent."          "."
##  [13] "."                "amidst"
##  [15] "rampant"          "immaturity"
##  [17] "go"               "djoko"
##  [19] "!"                "all"
##  [21] "of"               "life"
##  [23] "is"               "an"
##  [25] "act"              "of"
##  [27] "letting"          "go"
##  [29] "but"              "what"
##  [31] "hurts"            "the"
##  [33] "most"             "is"
##  [35] "not"              "taking"
##  [37] "a"                "moment"
##  [39] "to"               "say"
##  [41] "goodbye"          ""
##  [43] "pi"               ".."
##  [45] "few"              "good"
##  [47] "catching"         "moments"
##  [49] "in"               "movie."
##  [51] "2"                "years"
##  [53] "in"               "bofa"
##  [55] "&"                "hyd"
##  [57] "all"              "stereotypes"
##  [59] "are"              "bad"
##  [61] "..."              "except"
##  [63] "this"             "one"
##  [65] "."                "thank"
##  [67] "you"              "all"
##  [69] "for"              "wishes"
##  [71] "!!"               ":)"
##  [73] "sajda"            "savera"
##  [75] "mere"             "tan"
##  [77] "barse,"           "kajra"
##  [79] "andhera"          "teri"
##  [81] "jaan"             "ki"
##  [83] "lau...kun"        "fay.."
##  [85] ""                 "enchanting"
##  [87] "song.."           ""
##  [89] "also,"            "happy"
##  [91] "independence"     "day"
```

```
##  [93] "!!"                    ":)"
##  [95] "amusing"               "to"
##  [97] "see"                   "that"
##  [99] "for"                   "advertisers,"
## [101] "depicting"             "\"work\""
## [103] "only"                  "mean"
## [105] "sales"                 "graphs"
## [107] "."                     "."
## [109] "why"                   "this"
## [111] "super"                 "close-up"
## [113] "of"                    "food?"
## [115] "feels"                 "like"
## [117] "someone"               "is"
## [119] "throwing"              "it"
## [121] "on"                    "you"
## [123] "."                     "."
## [125] ":p"                    "was"
## [127] "a"                     "blasting"
## [129] "day"                   "!"
## [131] "first"                 "blasted"
## [133] "on"                    "the"
## [135] "water"                 "guy"
## [137] "then"                  "on"
## [139] "hdfc"                  "branch"
## [141] "manager"              "and"
## [143] "then"                  "on"
## [145] "airtel"                "branch"
## [147] "manager"              "and"
## [149] "then"                  "on"
## [151] "vodafone"              "branch"
## [153] "manager."              "."
## [155] "system"                "is"
## [157] "so"                    "broken"
## [159] ":-x"                   "windows"
## [161] "8"                     "is"
## [163] "looking"               "good"
## [165] "!"                     "no"
## [167] "holiday"               "on"
## [169] "\"holi\"day"           ":("
## [171] "..."                   "age"
## [173] "of"                    "crappy"
## [175] "ads"                   "of"
## [177] "cars"                  "-"
## [179] "worst"                 "ones"
## [181] "new"                   "honda"
## [183] "city"                  ","
## [185] ".."                    "chevrolet"
## [187] "how"                   "to"
## [189] "undo"                  "this"
## [191] "timeline"              "?"
```

```
## [193] "not"                  "liking"
## [195] "it"                    ".."
## [197] "mistry"               "man"
## [199] "!"                     "watched"
## [201] "play"                  "\"godot"
## [203] "aaaya"                 "kya"
## [205] "?\""                   "..."
## [207] ""                      "hope"
## [209] "this"                  "time"
## [211] "a"                     "\"ra.one\""
## [213] "gets"                  "killed"
## [215] "in"                    "diwali..."
## [217] "what"                  "an"
## [219] "over"                  "hype.."
## [221] "afridi"                "should"
## [223] "say"                   "-"
## [225] "\"sorry"               "shaktiman"
## [227] "..\""                  "beetroot"
## [229] "+"                     "loki"
## [231] "ka"                    "juice"
## [233] "!!!"                   "thanks"
## [235] "divyansh"              "nasa"
## [237] "amdani"                "dollar,kharcha"
## [239] "rupaiya....true"       "story...sadly"
## [241] "not"                   "mine"
## [243] ":("                    "missing"
## [245] "d'joker's"             "fun"
## [247] "side"                  ".."
## [249] "nole"                  "getting"
## [251] "serious"               "..happy"
## [253] "nadal"                 "didnt"
## [255] "win"                   ":)"
## [257] "how"                   "good"
## [259] "is"                    "the"
## [261] "market"                "value"
## [263] "of"                    "iiba's"
## [265] "ccba"                  "(certification"
## [267] "of"                    "competency"
## [269] "in"                    "business)"
## [271] "ceritification"        "?"
## [273] "that's"                "life"
## [275] "."                     "barbossa"
## [277] "blunder"               "...."
## [279] "dum"                   "maro"
## [281] "dum"                   "top"
## [283] "notch"                 "captain"
## [285] "zen"                   "!"
## [287] "please"                "don't"
## [289] "watch"                 "the"
## [291] "movie"                 "\"game\"."
```

```
## [293] "power-packed"      "weekend"
## [295] "!!!"                ":"
## [297] "varsha"            "tiwari"
## [299] "nimish"            "varshney"
## [301] "sujata"            "r."
## [303] "varshney"          "kshitij"
## [305] "agrawal"           "ritu"
## [307] "mishra"            "shobhit"
## [309] "verma"             "rahul"
## [311] "jain"              "divyansh"
## [313] "nasa"              "tanu"
## [315] "manu"              "completely"
## [317] "avoidable.."       "great"
## [319] "show"              "by"
## [321] "amit"              "anand"
## [323] "at"                "lamakaan,"
## [325] "hyd"               "!!"
## [327] "at"                "nautilus.."
## [329] "ultimately"        ".."
## [331] ""                  "\"any"
## [333] "city"              "/"
## [335] "place\""           "is"
## [337] "only"              "as"
## [339] "good"              "as"
## [341] "the"               "company"
## [343] "you"               "have"
## [345] ".."                "on"
## [347] "cleaning"          "spree"
## [349] ".."                "following"
## [351] "..\"when"          "in"
## [353] "doubt"             "(abt"
## [355] "clothes,"          "books"
## [357] "etc)"              "..throw"
## [359] "it"                "away\"....!"
## [361] "ready"             "fire"
## [363] "aim"               "deepshikha"
## [365] "soni,"             "abhishek"
## [367] "soni,"             "harsh"
## [369] "jain"              "...all"
## [371] "you"               "guys"
## [373] "moving"            "to"
## [375] "b'lore"            "??"
## [377] "how"               "are"
## [379] "we"                "going"
## [381] "to"                "have"
## [383] "\"that\""          "party"
## [385] "again"             "..???"
## [387] ":))"               "no"
## [389] "reason"            "to"
## [391] "smile"             "..."
```

```
## [393] "bada"            "sneezes"
## [395] "the"             "world"
## [397] "catches"         "cold"
## [399] "...!"            "you"
## [401] "guys"            "know"
## [403] "wot"             "i"
## [405] "mean"            "..."
## [407] "he"              "he"
## [409] "..."             ";)"
## [411] ""                ":"
## [413] "prakhar"         "verma"
## [415] ","              "ankit"
## [417] "parganiha,"      "neha"
## [419] "verma"           ""
## [421] ","              "navni"
## [423] "verma,"          "deepali"
## [425] "parganiha"       "baghel,"
## [427] "arushi"          "parganiha,"
## [429] "yash,"           "shibbu"
## [431] "dont't"          "mix"
## [433] "matter"          "of"
## [435] "opinions"        "with"
## [437] "matter"          "of"
## [439] "facts"           "..."
## [441] "many"            "people's"
## [443] "statements"      "don't"
## [445] "even"            "have"
## [447] "a"               "premise"
## [449] ".."             "leave"
## [451] "alone"           "a"
## [453] "valid"           "one"
## [455] "..!"            "..."
## [457] "3"               "sides"
## [459] "to"              "any"
## [461] "story."          "there"
## [463] "are"             "the"
## [465] "stories"         "of"
## [467] "the"             "2"
## [469] "parties"         "involved,"
## [471] "and"             "then"
## [473] "there"           "is"
## [475] "what"            "really"
## [477] "happened..."     "!!"
## [479] "???"            "???"
## [481] "??"             "??"
## [483] "????"           "."
## [485] ".."             "."
## [487] ":)"             ":)"
## [489] "="               "rofl"
## [491] "god's"           "watching"
```

```
## [493] ".."                      "!"
## [495] "talk"                     "is"
## [497] "cheap"                    "what's"
## [499] "on"                       "my"
## [501] "mind"                     "-"
## [503] "\"when"                   "did"
## [505] "i"                        "last"
## [507] "have"                     "that"
## [509] "much"                     "fun"
## [511] "\""                       "!!!"
## [513] "..."                      "awesome"
## [515] "trip"                     "to"
## [517] "rishikesh"                "things"
## [519] "not"                      "moving"
## [521] ".."                       "will"
## [523] ""                         "miss"
## [525] "the"                      "mumbai"
## [527] "monsoons"                 "soooooooo"
## [529] "much"                     "..:("
## [531] ":("                       "targets"
## [533] "targets"                  ".."
## [535] "dilli"                    "ki"
## [537] "garmi"                    "....:("
## [539] ":("                       "and"
## [541] "varsha"                   "-"
## [543] "neighbors"                "in"
## [545] "great"                    "lakes"
## [547] ".."                       "&"
## [549] "..neighbors"              "in"
## [551] "delhi"                    "."
## [553] ".:)"                      "..wot"
## [555] "co-incidence"             "!!"
## [557] "hey"                      "all"
## [559] "..do"                     "come"
## [561] "for"                      "convo"
## [563] "guys..."                  "office"
## [565] "tomorrow"                 "..."
## [567] "feeling"                  "like"
## [569] "first"                    "day"
## [571] "of"                       "school"
## [573] "after"                    "summer"
## [575] "vacation"                 ".."
## [577] ":("                       ":("
## [579] "people"                   "leaving"
## [581] "..campus"                 "getting"
## [583] "dead"                     ".."
## [585] "inbox"                    "is"
## [587] "getting"                  "too"
## [589] "senti"                    "hao"
## [591] "ma"                       ".."
```

```
## [593] "yeaaahh"          "!!.."
## [595] "finally"          "a"
## [597] "big"              "uncertainity"
## [599] "ended"            ".."
## [601] "last"             "class"
## [603] "of"               "mba"
## [605] "..."              "\"as"
## [607] "long"             "as"
## [609] "the"              "music"
## [611] "is"               "playing,"
## [613] "you've"           "got"
## [615] "to"               "get"
## [617] "up"               "and"
## [619] "dance.\""         "\"..they're"
## [621] "sharing"          "a"
## [623] "drink"            "they"
## [625] "call"             "loneliness"
## [627] ""                 "but"
## [629] "it's"             "better"
## [631] "than"             "drinkin'"
## [633] "alone..\""        "-"
## [635] "piano"            "man"
## [637] ".."               "one"
## [639] "the"              "best"
## [641] "ballads"          "..:)"
## [643] "why"              "are"
## [645] "we"               "embarrassed"
## [647] "by"               "silence?"
## [649] "what"             "comfort"
## [651] "do"               "we"
## [653] "find"             "in"
## [655] "all"              "the"
## [657] "noise?"           "extremely"
## [659] "bored"            "of"
## [661] "this"             "place"
## [663] "..."              "hurt"
## [665] "locker"           ".."
## [667] "nice"             "intense"
## [669] "war"              "movie"
## [671] ".."               "did"
## [673] "anyone"           "get"
## [675] "the"              "meaning"
## [677] "of"               "phrase"
## [679] "\"hurt"           "locke\""
## [681] ""                 ".."
## [683] "military"         "jargon"
## [685] "??"               "contango"
## [687] "or"               "backwardation?"
## [689] "do"               "you"
## [691] "know"             "what"
```

```
## [693] "that's"                         "worth"
## [695] "?"                               "ooh"
## [697] "heaven"                          "is"
## [699] "a"                               "place"
## [701] "on"                              "earth...."
## [703] "tough"                           "times"
## [705] "don't"                           "last....tough"
## [707] "people"                          "do"
## [709] "..."                             "cleanup"
## [711] "self's"                          "backyard"
## [713] "first"                           "..."
## [715] "right"                           "vs"
## [717] "right"                           "bored"
## [719] "of"                              "facebook"
## [721] "now"                             "..."
## [723] "zopa"                            "or"
## [725] "zopla"                           "?"
## [727] ""                                "..:)"
## [729] "must"                            "go"
## [731] "fisherman's"                     "cove"
## [733] "..it's"                          "awesome"
## [735] "..."                             "they:"
## [737] "you"                             "missed"
## [739] "class"                           "yesterday,"
## [741] "didnt"                           "you?"
## [743] "us:"                             "not"
## [745] "a"                               "bit."
## [747] "how"                             "random"
## [749] "can"                             "things"
## [751] "get"                             "now"
## [753] "who"                             "can"
## [755] "answer"                          "..."
## [757] "\"why"                           "mba?\""
## [759] "please"                          "explain"
## [761] "...................."            "i"
## [763] "like"                            "maxims"
## [765] "that"                            "don't"
## [767] "encourage"                       "behavior"
## [769] "modification...cnh"              "busy"
## [771] "day"                             "..."
## [773] "rahasyarahasya.greatlakes.edu.in" "comment"
## [775] "."                               "like"
## [777] "."                               "share"
## [779] "..."                             "why"
## [781] "is"                              "there"
## [783] "no"                              "\"groan\""
## [785] "link"                            "?"
## [787] "orkut"                           "is"
## [789] "so"                              "simple"
## [791] "...."
```

```r
wordFreq <- table(strsplit(message, " "))
wordFreq <- sort(wordFreq)

    ## To visualize in wordle
    ## Go to "http://www.wordle.net/compose" copy the output of below.
    forWordle <- ""
    for ( i in 1:length(wordFreq)) {
        forWordle <- cat ( paste(forWordle, rownames(as.array(wordFreq[i])),
":", wordFreq[i]) , "\n")
    }
```

```
##  !!.. : 1
##  " : 1
##  "..They're : 1
##  "any : 1
##  "as : 1
##  "Game". : 1
##  "Godot : 1
##  "groan" : 1
##  "Holi"day : 1
##  "Hurt : 1
##  "out : 1
##  "Ra.one" : 1
##  "Sorry : 1
##  "that" : 1
##  "When : 1
##  "Why : 1
##  "work" : 1
##  (abt : 1
##  (Certification : 1
##  ..! : 1
##  .." : 1
##  .."When : 1
##  ...! : 1
##  .................... : 1
##  ....:( : 1
##  ...all : 1
##  ..:( : 1
##  ..??? : 1
##  ..campus : 1
##  ..do : 1
##  ..happy : 1
##  ..it's : 1
##  ..neighbors : 1
##  ..Throw : 1
##  ..wot : 1
##  .:) : 1
##  / : 1
##  :-X : 1
##  :)) : 1
```

```
##  :P : 1
##  ;) : 1
##  ?" : 1
##  ???? : 1
##  + : 1
##  = : 1
##  3 : 1
##  8 : 1
##  Aaaya : 1
##  Abhishek : 1
##  accent. : 1
##  act : 1
##  ads : 1
##  advertisers, : 1
##  Afridi : 1
##  after : 1
##  again : 1
##  Age : 1
##  Agrawal : 1
##  Aim : 1
##  Airtel : 1
##  alone : 1
##  alone.." : 1
##  Also, : 1
##  Amdani : 1
##  Amidst : 1
##  Amit : 1
##  Amusing : 1
##  Anand : 1
##  andhera : 1
##  Ankit : 1
##  answer : 1
##  any : 1
##  anyone : 1
##  Arushi : 1
##  at : 1
##  At : 1
##  avoidable.. : 1
##  away"....! : 1
##  B'lore : 1
##  Backwardation? : 1
##  backyard : 1
##  bad : 1
##  Bada : 1
##  Baghel, : 1
##  ballads : 1
##  Barbossa : 1
##  barse, : 1
##  beetroot : 1
##  behavior : 1
```

```
##   best : 1
##   better : 1
##   big : 1
##   bit. : 1
##   blasted : 1
##   blasting : 1
##   Blunder : 1
##   BofA : 1
##   books : 1
##   broken : 1
##   Business) : 1
##   busy : 1
##   but : 1
##   But : 1
##   call : 1
##   Captain : 1
##   cars : 1
##   catches : 1
##   catching : 1
##   CCBA : 1
##   ceritification : 1
##   cheap : 1
##   Chevrolet : 1
##   city : 1
##   City : 1
##   cleaning : 1
##   Cleanup : 1
##   close-up : 1
##   clothes, : 1
##   co-incidence : 1
##   cold : 1
##   come : 1
##   comfort : 1
##   Comment : 1
##   company : 1
##   Competency : 1
##   completely : 1
##   Contango : 1
##   convo : 1
##   Cove : 1
##   crappy : 1
##   D'joker's : 1
##   dance." : 1
##   Day : 1
##   dead : 1
##   Deepali : 1
##   Deepshikha : 1
##   Delhi : 1
##   depicting : 1
##   did : 1
```

```
##   Did : 1
##   Dilli : 1
##   Diwali... : 1
##   Djoko : 1
##   dollar,kharcha : 1
##   Dont't : 1
##   doubt : 1
##   drink : 1
##   drinkin' : 1
##   earth.... : 1
##   embarrassed : 1
##   Enchanting : 1
##   encourage : 1
##   ended : 1
##   etc) : 1
##   even : 1
##   Except : 1
##   explain : 1
##   extremely : 1
##   facebook : 1
##   facts : 1
##   fake : 1
##   fay.. : 1
##   feeling : 1
##   Feels : 1
##   Few : 1
##   finally : 1
##   find : 1
##   Fire : 1
##   First : 1
##   Fisherman's : 1
##   following : 1
##   food? : 1
##   fun : 1
##   FUN : 1
##   Garmi : 1
##   gets : 1
##   Go : 1
##   God's : 1
##   going : 1
##   goodbye : 1
##   got : 1
##   GRAPHS : 1
##   guy : 1
##   guys... : 1
##   hao : 1
##   happened... : 1
##   Happy : 1
##   Harsh : 1
##   HDFC : 1
```

```
##   heaven : 1
##   hey : 1
##   Holiday : 1
##   Honda : 1
##   Hope : 1
##   How : 1
##   Hurt : 1
##   hurts : 1
##   hype.. : 1
##   IIBA's : 1
##   immaturity : 1
##   inbox : 1
##   Independence : 1
##   intense : 1
##   involved, : 1
##   it's : 1
##   jaan : 1
##   jargon : 1
##   juice : 1
##   ka : 1
##   Kajra : 1
##   killed : 1
##   Kshitij : 1
##   kya : 1
##   Lakes : 1
##   LaMakaan, : 1
##   last : 1
##   Last : 1
##   last....tough : 1
##   lau...kun : 1
##   leave : 1
##   leaving : 1
##   letting : 1
##   Like : 1
##   liking : 1
##   link : 1
##   Locke" : 1
##   Locker : 1
##   loki : 1
##   loneliness : 1
##   long : 1
##   looking : 1
##   ma : 1
##   man : 1
##   Man : 1
##   Manager. : 1
##   manu : 1
##   Many : 1
##   market : 1
##   maro : 1
```

```
##   maxims : 1
##   MBA : 1
##   MBA?" : 1
##   meaning : 1
##   mere : 1
##   military : 1
##   mind : 1
##   mine : 1
##   Mishra : 1
##   miss : 1
##   missed : 1
##   missing : 1
##   Mistry : 1
##   mix : 1
##   modification...CnH : 1
##   moment : 1
##   moments : 1
##   monsoons : 1
##   most : 1
##   movie. : 1
##   much : 1
##   MUCH : 1
##   mumbai : 1
##   music : 1
##   Must : 1
##   my : 1
##   nadal : 1
##   Nautilus.. : 1
##   Navni : 1
##   Neha : 1
##   neighbors : 1
##   New : 1
##   nice : 1
##   Nimish : 1
##   no : 1
##   noise? : 1
##   nole : 1
##   Not : 1
##   notch : 1
##   now : 1
##   Now : 1
##   office : 1
##   On : 1
##   One : 1
##   ones : 1
##   ooh : 1
##   opinions : 1
##   or : 1
##   Or : 1
##   Orkut : 1
```

```
##   over : 1
##   Parganiha : 1
##   parties : 1
##   party : 1
##   phrase : 1
##   Pi : 1
##   Piano : 1
##   place" : 1
##   play : 1
##   playing, : 1
##   Power-packed : 1
##   Prakhar : 1
##   premise : 1
##   R. : 1
##   Rahasyarahasya.greatlakes.edu.in : 1
##   Rahul : 1
##   rampant : 1
##   random : 1
##   Ready : 1
##   really : 1
##   reason : 1
##   right : 1
##   Right : 1
##   rishikesh : 1
##   Ritu : 1
##   rofl : 1
##   rupaiya....true : 1
##   Sajda : 1
##   SALES : 1
##   savera : 1
##   school : 1
##   see : 1
##   self's : 1
##   senti : 1
##   serious : 1
##   Shaktiman : 1
##   Share : 1
##   sharing : 1
##   Shibbu : 1
##   Shobhit : 1
##   should : 1
##   show : 1
##   side : 1
##   sides : 1
##   silence? : 1
##   simple : 1
##   smile : 1
##   sneezes : 1
##   someone : 1
##   song.. : 1
```

```
##   soooooooooo : 1
##   spree : 1
##   statements : 1
##   stereotypes : 1
##   stories : 1
##   story. : 1
##   story...sadly : 1
##   Sujata : 1
##   summer : 1
##   super : 1
##   System : 1
##   taking : 1
##   Talk : 1
##   tan : 1
##   Tanu : 1
##   teri : 1
##   than : 1
##   Thank : 1
##   thanks : 1
##   THAT : 1
##   There : 1
##   there" : 1
##   they : 1
##   They: : 1
##   throwing : 1
##   time : 1
##   timeline : 1
##   times : 1
##   Tiwari : 1
##   tomorrow : 1
##   too : 1
##   Top : 1
##   Tough : 1
##   trip : 1
##   Ultimately : 1
##   uncertainity : 1
##   undo : 1
##   up : 1
##   Us: : 1
##   vacation : 1
##   valid : 1
##   value : 1
##   varsha : 1
##   Varsha : 1
##   Verma, : 1
##   Vodafone : 1
##   Vs : 1
##   war : 1
##   Was : 1
##   watch : 1
```

```
##  watched : 1
##  watching : 1
##  water : 1
##  Weekend : 1
##  What's : 1
##  Where : 1
##  who : 1
##  why : 1
##  will : 1
##  win : 1
##  Windows : 1
##  wishes : 1
##  world : 1
##  worst : 1
##  worth : 1
##  wot : 1
##  Yash, : 1
##  yeaaahh : 1
##  years : 1
##  yesterday, : 1
##  you've : 1
##  you? : 1
##  Zen : 1
##  ZOPA : 1
##  Zopla : 1
##  & : 2
##  .... : 2
##  ..:) : 2
##  : : 2
##  ??? : 2
##  · : 2
##  2 : 2
##  All : 2
##  an : 2
##  awesome : 2
##  bored : 2
##  by : 2
##  can : 2
##  class : 2
##  didnt : 2
##  Divyansh : 2
##  dum : 2
##  first : 2
##  go : 2
##  Great : 2
##  guys : 2
##  he : 2
##  Hyd : 2
##  Jain : 2
##  ki : 2
```

```
##   know : 2
##   life : 2
##   Manager : 2
##   matter : 2
##   mean : 2
##   movie : 2
##   moving : 2
##   Nasa : 2
##   No : 2
##   one : 2
##   only : 2
##   Parganiha, : 2
##   people : 2
##   people's : 2
##   place : 2
##   Please : 2
##   say : 2
##   so : 2
##   Soni, : 2
##   targets : 2
##   that : 2
##   that's : 2
##   there : 2
##   things : 2
##   Varshney : 2
##   Why : 2
##   with : 2
##   You : 2
##   !!! : 3
##   , : 3
##   all : 3
##   as : 3
##   Branch : 3
##   day : 3
##   do : 3
##   for : 3
##   get : 3
##   getting : 3
##   how : 3
##   I : 3
##   it : 3
##   like : 3
##   Verma : 3
##   we : 3
##   what : 3
##   What : 3
##   ?? : 4
##   are : 4
##   don't : 4
##   good : 4
```

```
##  have : 4
##  not : 4
##  then : 4
##  - : 5
##  !! : 5
##  :) : 5
##  and : 5
##  this : 5
##  you : 5
##  ! : 6
##  :( : 6
##  ? : 6
##  in : 8
##  on : 8
##  a : 9
##  to : 9
##   : 11
##  . : 12
##  the : 13
##  of : 15
##  is : 16
##  ... : 19
##  .. : 21

    ##End: To visualize in wordle

###### Task # 3 Segregate friends using their gender
fbFrnds <- read.csv("C:/Users/Kshitij
Kulkarni/Desktop/reeFriends.csv",header=T, as.is=T)
# subset
fbFrnds <- fbFrnds[ ,c("name", "sex")]
# remove duplicates
fbFrnds  <- unique(fbFrnds)
unique(fbFrnds$sex)

## [1] "male"   "female" ""

# replace "" with "Unknown"
fbFrnds[ fbFrnds$sex == "", ]$sex <- "Unknown"
barplot(table(fbFrnds$sex), col="blue" , main ="No of friends Male/Female",
xlab="Gender", ylab="No of Friends" )
```

No of friends Male/Female