# imports

install.packages("pacman") library(pacman) pacman::p_load(pacman, dplyr, ggplot2, rio, gridExtra, scales, ggcorrplot, caret, e1071)

```
library(tidyverse)
```

```
## -- Attaching packages ---------------------------------------------------------------------------- t

## v ggplot2 3.1.1       v purrr   0.3.2
## v tibble  2.1.1       v dplyr   0.8.0.1
## v tidyr   0.8.3       v stringr 1.4.0
## v readr   1.3.1       v forcats 0.4.0

## -- Conflicts ------------------------------------------------------------------------------- tidyve
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```
library(lubridate)
```

```
##
## Attaching package: 'lubridate'

## The following object is masked from 'package:base':
##
##     date
```

```
#Load the dataset
adclick <- read.csv("advertising.csv")
adclick <- as.data.frame(adclick)
```

```
#Carrying out Exploratory Data Analysis

#Check the head of the dataset

head(adclick)
```

```
##   Daily.Time.Spent.on.Site Age Area.Income Daily.Internet.Usage
## 1                    68.95  35    61833.90               256.09
## 2                    80.23  31    68441.85               193.77
## 3                    69.47  26    59785.94               236.50
## 4                    74.15  29    54806.18               245.89
## 5                    68.37  35    73889.99               225.58
## 6                    59.99  23    59761.56               226.74
##                          Ad.Topic.Line           City Male    Country
## 1    Cloned 5thgeneration orchestration    Wrightburgh    0    Tunisia
## 2    Monitored national standardization      West Jodi    1      Nauru
## 3      Organic bottom-line service-desk       Davidton    0 San Marino
## 4 Triple-buffered reciprocal time-frame West Terrifurt    1      Italy
## 5         Robust logistical utilization   South Manuel    0    Iceland
## 6       Sharable client-driven software      Jamieberg    1     Norway
```

```
##         Timestamp Clicked.on.Ad
## 1  3/27/2016 0:53             0
## 2   4/4/2016 1:39             0
## 3 3/13/2016 20:35             0
## 4  1/10/2016 2:31             0
## 5   6/3/2016 3:36             0
## 6 5/19/2016 14:30             0
```

```
#Check the tail of the dataset
tail(adclick)
```

```
##      Daily.Time.Spent.on.Site Age Area.Income Daily.Internet.Usage
## 995                     43.70  28    63126.96               173.01
## 996                     72.97  30    71384.57               208.58
## 997                     51.30  45    67782.17               134.42
## 998                     51.63  51    42415.72               120.37
## 999                     55.55  19    41920.79               187.95
## 1000                    45.01  26    29875.80               178.35
##                             Ad.Topic.Line          City Male
## 995         Front-line bifurcated ability  Nicholasland    0
## 996         Fundamental modular algorithm     Duffystad    1
## 997       Grass-roots cohesive monitoring   New Darlene    1
## 998          Expanded intangible solution South Jessica    1
## 999  Proactive bandwidth-monitored policy   West Steven    0
## 1000      Virtual 5thgeneration emulation   Ronniemouth    0
##                      Country       Timestamp Clicked.on.Ad
## 995                  Mayotte   4/4/2016 3:57             1
## 996                  Lebanon 2/11/2016 21:49             1
## 997  Bosnia and Herzegovina  4/22/2016 2:07             1
## 998                 Mongolia  2/1/2016 17:24             1
## 999                Guatemala  3/24/2016 2:35             0
## 1000                  Brazil  6/3/2016 21:43             1
```

```
#check the dataframe
class(adclick)
```

```
## [1] "data.frame"
```

```
#Check the length of the datasets
length(adclick)
```

```
## [1] 10
```

```
#check the  variable types
str(adclick)
```

```
## 'data.frame':    1000 obs. of  10 variables:
##  $ Daily.Time.Spent.on.Site: num  69 80.2 69.5 74.2 68.4 ...
##  $ Age                     : int  35 31 26 29 35 23 33 48 30 20 ...
##  $ Area.Income             : num  61834 68442 59786 54806 73890 ...
##  $ Daily.Internet.Usage    : num  256 194 236 246 226 ...
```

```
##  $ Ad.Topic.Line           : Factor w/ 1000 levels "Adaptive 24hour Graphic Interface",..: 92 465 56
##  $ City                    : Factor w/ 969 levels "Adamsbury","Adamside",..: 962 904 112 940 806 283
##  $ Male                    : int  0 1 0 1 0 1 0 1 1 1 ...
##  $ Country                 : Factor w/ 237 levels "Afghanistan",..: 216 148 185 104 97 159 146 13 83
##  $ Timestamp               : Factor w/ 997 levels "1/1/2016 15:14",..: 407 576 329 8 870 650 85 448 5
##  $ Clicked.on.Ad           : int  0 0 0 0 0 0 0 1 0 0 ...
```

```
#checking out the variables in the data
see <- names(adclick)
see
```

```
##  [1] "Daily.Time.Spent.on.Site" "Age"
##  [3] "Area.Income"              "Daily.Internet.Usage"
##  [5] "Ad.Topic.Line"            "City"
##  [7] "Male"                     "Country"
##  [9] "Timestamp"                "Clicked.on.Ad"
```

```
# checking the summary
summary(adclick)
```

```
##  Daily.Time.Spent.on.Site      Age          Area.Income
##  Min.   :32.60            Min.   :19.00   Min.   :13996
##  1st Qu.:51.36            1st Qu.:29.00   1st Qu.:47032
##  Median :68.22            Median :35.00   Median :57012
##  Mean   :65.00            Mean   :36.01   Mean   :55000
##  3rd Qu.:78.55            3rd Qu.:42.00   3rd Qu.:65471
##  Max.   :91.43            Max.   :61.00   Max.   :79485
##
##  Daily.Internet.Usage                                  Ad.Topic.Line
##  Min.   :104.8        Adaptive 24hour Graphic Interface      :  1
##  1st Qu.:138.8        Adaptive asynchronous attitude         :  1
##  Median :183.1        Adaptive context-sensitive application :  1
##  Mean   :180.0        Adaptive contextually-based methodology:  1
##  3rd Qu.:218.8        Adaptive demand-driven knowledgebase   :  1
##  Max.   :270.0        Adaptive uniform capability            :  1
##                       (Other)                                :994
##               City          Male                Country
##  Lisamouth      :  3   Min.   :0.000   Czech Republic:  9
##  Williamsport   :  3   1st Qu.:0.000   France        :  9
##  Benjaminchester:  2   Median :0.000   Afghanistan   :  8
##  East John      :  2   Mean   :0.481   Australia     :  8
##  East Timothy   :  2   3rd Qu.:1.000   Cyprus        :  8
##  Johnstad       :  2   Max.   :1.000   Greece        :  8
##  (Other)        :986                   (Other)       :950
##            Timestamp   Clicked.on.Ad
##  5/20/2016 12:17:  2   Min.   :0.0
##  5/26/2016 15:40:  2   1st Qu.:0.0
##  5/30/2016 8:02 :  2   Median :0.5
##  1/1/2016 15:14 :  1   Mean   :0.5
##  1/1/2016 2:52  :  1   3rd Qu.:1.0
##  1/1/2016 20:17 :  1   Max.   :1.0
##  (Other)        :991
```

```r
# Checking for Missing values
check <- sum(is.na(adclick))
check
```

```
## [1] 0
```

```r
#noted that there where no missing values identified
```

```r
#Check for the number of duplicates
dups <- sum(duplicated(adclick))
dups
```

```
## [1] 0
```

```r
# reported that there were no duplicates found
```

```r
#check for uniqueness and consistency
consistent <- unique(adclick)
consistent
```

```
##      Daily.Time.Spent.on.Site Age Area.Income Daily.Internet.Usage
## 1                       68.95  35    61833.90               256.09
## 2                       80.23  31    68441.85               193.77
## 3                       69.47  26    59785.94               236.50
## 4                       74.15  29    54806.18               245.89
## 5                       68.37  35    73889.99               225.58
## 6                       59.99  23    59761.56               226.74
## 7                       88.91  33    53852.85               208.36
## 8                       66.00  48    24593.33               131.76
## 9                       74.53  30    68862.00               221.51
## 10                      69.88  20    55642.32               183.82
## 11                      47.64  49    45632.51               122.02
## 12                      83.07  37    62491.01               230.87
## 13                      69.57  48    51636.92               113.12
## 14                      79.52  24    51739.63               214.23
## 15                      42.95  33    30976.00               143.56
## 16                      63.45  23    52182.23               140.64
## 17                      55.39  37    23936.86               129.41
## 18                      82.03  41    71511.08               187.53
## 19                      54.70  36    31087.54               118.39
## 20                      74.58  40    23821.72               135.51
## 21                      77.22  30    64802.33               224.44
## 22                      84.59  35    60015.57               226.54
## 23                      41.49  52    32635.70               164.83
## 24                      87.29  36    61628.72               209.93
## 25                      41.39  41    68962.32               167.22
## 26                      78.74  28    64828.00               204.79
## 27                      48.53  28    38067.08               134.14
## 28                      51.95  52    58295.82               129.23
## 29                      70.20  34    32708.94               119.20
## 30                      76.02  22    46179.97               209.82
```

```
## 31  67.64  35  51473.28  267.01
## 32  86.41  28  45593.93  207.48
## 33  59.05  57  25583.29  169.23
## 34  55.60  23  30227.98  212.58
## 35  57.64  57  45580.92  133.81
## 36  84.37  30  61389.50  201.58
## 37  62.26  53  56770.79  125.45
## 38  65.82  39  76435.30  221.94
## 39  50.43  46  57425.87  119.32
## 40  38.93  39  27508.41  162.08
## 41  84.98  29  57691.95  202.61
## 42  64.24  30  59784.18  252.36
## 43  82.52  32  66572.39  198.11
## 44  81.38  31  64929.61  212.30
## 45  80.47  25  57519.64  204.86
## 46  37.68  52  53575.48  172.83
## 47  69.62  20  50983.75  202.25
## 48  85.40  43  67058.72  198.72
## 49  44.33  37  52723.34  123.72
## 50  48.01  46  54286.10  119.93
## 51  73.18  23  61526.25  196.71
## 52  79.94  28  58526.04  225.29
## 53  33.33  45  53350.11  193.58
## 54  50.33  50  62657.53  133.20
## 55  62.31  47  62722.57  119.30
## 56  80.60  31  67479.62  177.55
## 57  65.19  36  75254.88  150.61
## 58  44.98  49  52336.64  129.31
## 59  77.63  29  56113.37  239.22
## 60  41.82  41  24852.90  156.36
## 61  85.61  27  47708.42  183.43
## 62  85.84  34  64654.66  192.93
## 63  72.08  29  71228.44  169.50
## 64  86.06  32  61601.05  178.92
## 65  45.96  45  66281.46  141.22
## 66  62.42  29  73910.90  198.50
## 67  63.89  40  51317.33  105.22
## 68  35.33  32  51510.18  200.22
## 69  75.74  25  61005.87  215.25
## 70  78.53  34  32536.98  131.72
## 71  46.13  31  60248.97  139.01
## 72  69.01  46  74543.81  222.63
## 73  55.35  39  75509.61  153.17
## 74  33.21  43  42650.32  167.07
## 75  38.46  42  58183.04  145.98
## 76  64.10  22  60465.72  215.93
## 77  49.81  35  57009.76  120.06
## 78  82.73  33  54541.56  238.99
## 79  56.14  38  32689.04  113.53
## 80  55.13  45  55605.92  111.71
## 81  78.11  27  63296.87  209.25
## 82  73.46  28  65653.47  222.75
## 83  56.64  38  61652.53  115.91
## 84  68.94  54  30726.26  138.71
```

```
## 85   70.79  31   74535.94   184.10
## 86   57.76  41   47861.93   105.15
## 87   77.51  36   73600.28   200.55
## 88   52.70  34   58543.94   118.60
## 89   57.70  34   42696.67   109.07
## 90   56.89  37   37334.78   109.29
## 91   69.90  43   71392.53   138.35
## 92   55.79  24   59550.05   149.67
## 93   70.03  26   64264.25   227.72
## 94   50.08  40   64147.86   125.85
## 95   43.67  31   25686.34   166.29
## 96   72.84  26   52968.22   238.63
## 97   45.72  36   22473.08   154.02
## 98   39.94  41   64927.19   156.30
## 99   35.61  46   51868.85   158.22
## 100  79.71  34   69456.83   211.65
## 101  41.49  53   31947.65   169.18
## 102  63.60  23   51864.77   235.28
## 103  89.91  40   59593.56   194.23
## 104  68.18  21   48376.14   218.17
## 105  66.49  20   56884.74   202.16
## 106  80.49  40   67186.54   229.12
## 107  72.23  25   46557.92   241.03
## 108  42.39  42   66541.05   150.99
## 109  47.53  30   33258.09   135.18
## 110  74.02  32   72272.90   210.54
## 111  66.63  60   60333.38   176.98
## 112  63.24  53   65229.13   235.78
## 113  71.00  22   56067.38   211.87
## 114  46.13  46   37838.72   123.64
## 115  69.00  32   72683.35   221.21
## 116  76.99  31   56729.78   244.34
## 117  72.60  55   66815.54   162.95
## 118  61.88  42   60223.52   112.19
## 119  84.45  50   29727.79   207.18
## 120  88.97  45   49269.98   152.49
## 121  86.19  31   57669.41   210.26
## 122  49.58  26   56791.75   231.94
## 123  77.65  27   63274.88   212.79
## 124  37.75  36   35466.80   225.24
## 125  62.33  43   68787.09   127.11
## 126  79.57  31   61227.59   230.93
## 127  80.31  44   56366.88   127.07
## 128  89.05  45   57868.44   206.98
## 129  70.41  27   66618.21   223.03
## 130  67.36  37   73104.47   233.56
## 131  46.98  50   21644.91   175.37
## 132  41.67  36   53817.02   132.55
## 133  51.24  36   76368.31   176.73
## 134  75.70  29   67633.44   215.44
## 135  43.49  47   50335.46   127.83
## 136  49.89  39   17709.98   160.03
## 137  38.37  36   41229.16   140.46
## 138  38.52  38   42581.23   137.28
```

```
## 139  71.89  23  61617.98  172.81
## 140  75.80  38  70575.60  146.19
## 141  83.86  31  64122.36  190.25
## 142  37.51  30  52097.32  163.00
## 143  55.60  44  65953.76  124.38
## 144  83.67  44  60192.72  234.26
## 145  69.08  41  77460.07  210.60
## 146  37.47  44  45716.48  141.89
## 147  56.04  49  65120.86  128.95
## 148  70.92  41  49995.63  108.16
## 149  49.78  46  71718.51  152.24
## 150  68.61  57  61770.34  150.29
## 151  58.18  25  69112.84  176.28
## 152  78.54  35  72524.86  172.10
## 153  37.00  48  36782.38  158.22
## 154  65.40  33  66699.12  247.31
## 155  79.52  27  64287.78  183.48
## 156  87.98  38  56637.59  222.11
## 157  44.64  36  55787.58  127.01
## 158  41.73  28  61142.33  202.18
## 159  80.46  27  61625.87  207.96
## 160  75.55  36  73234.87  159.24
## 161  76.32  35  74166.24  195.31
## 162  82.68  33  62669.59  222.77
## 163  72.01  31  57756.89  251.00
## 164  75.83  24  58019.64  162.44
## 165  41.28  50  50960.08  140.39
## 166  34.66  32  48246.60  194.83
## 167  66.18  55  28271.84  143.42
## 168  86.06  31  53767.12  219.72
## 169  59.59  42  43662.10  104.78
## 170  86.69  34  62238.58  198.56
## 171  43.77  52  49030.03  138.55
## 172  71.84  47  76003.47  199.79
## 173  80.23  31  68094.85  196.23
## 174  74.41  26  64395.85  163.05
## 175  63.36  48  70053.27  137.43
## 176  71.74  35  72423.97  227.56
## 177  60.72  44  42995.80  105.69
## 178  72.04  22  60309.58  199.43
## 179  44.57  31  38349.78  133.17
## 180  85.86  34  63115.34  208.23
## 181  39.85  38  31343.39  145.96
## 182  84.53  27  40763.13  168.34
## 183  62.95  60  36752.24  157.04
## 184  67.58  41  65044.59  255.61
## 185  85.56  29  53673.08  210.46
## 186  46.88  54  43444.86  136.64
## 187  46.31  57  44248.52  153.98
## 188  77.95  31  62572.88  233.65
## 189  84.73  30  39840.55  153.76
## 190  39.86  36  32593.59  145.85
## 191  50.08  30  41629.86  123.91
## 192  60.23  35  43313.73  106.86
```

```
## 193  60.70  49  42993.48  110.57
## 194  43.67  53  46004.31  143.79
## 195  77.20  33  49325.48  254.05
## 196  71.86  32  51633.34  116.53
## 197  44.78  45  63363.04  137.24
## 198  78.57  36  64045.93  239.32
## 199  73.41  31  73049.30  201.26
## 200  77.05  27  66624.60  191.14
## 201  66.40  40  77567.85  214.42
## 202  69.35  29  53431.35  252.77
## 203  35.65  40  31265.75  172.58
## 204  70.04  31  74780.74  183.85
## 205  69.78  29  70410.11  218.79
## 206  58.22  29  37345.24  120.90
## 207  76.90  28  66107.84  212.67
## 208  84.08  30  62336.39  187.36
## 209  59.51  58  39132.64  140.83
## 210  40.15  38  38745.29  134.88
## 211  76.81  28  65172.22  217.85
## 212  41.89  38  68519.96  163.38
## 213  76.87  27  54774.77  235.35
## 214  67.28  43  76246.96  155.80
## 215  81.98  40  65461.92  229.22
## 216  66.01  23  34127.21  151.95
## 217  61.57  53  35253.98  125.94
## 218  53.30  34  44893.71  111.94
## 219  34.87  40  59621.02  200.23
## 220  43.60  38  20856.54  170.49
## 221  77.88  37  55353.41  254.57
## 222  75.83  27  67516.07  200.59
## 223  49.95  39  68737.75  136.59
## 224  60.94  41  76893.84  154.97
## 225  89.15  42  59886.58  171.07
## 226  78.70  30  53441.69  133.99
## 227  57.35  29  41356.31  119.84
## 228  34.86  38  49942.66  154.75
## 229  70.68  31  74430.08  199.08
## 230  76.06  23  58633.63  201.04
## 231  66.67  33  72707.87  228.03
## 232  46.77  32  31092.93  136.40
## 233  62.42  38  74445.18  143.94
## 234  78.32  28  49309.14  239.52
## 235  37.32  50  56735.14  199.25
## 236  40.42  45  40183.75  133.90
## 237  76.77  36  58348.41  123.51
## 238  65.65  30  72209.99  158.05
## 239  74.32  33  62060.11  128.17
## 240  73.27  32  67113.46  234.75
## 241  80.03  44  24030.06  150.84
## 242  53.68  47  56180.93  115.26
## 243  85.84  32  62204.93  192.85
## 244  85.03  30  60372.64  204.52
## 245  70.44  24  65280.16  178.75
## 246  81.22  53  34309.24  223.09
```

```
## 247  39.96  45  59610.81  146.13
## 248  57.05  41  50278.89  269.96
## 249  42.44  56  43450.11  168.27
## 250  62.20  25  25408.21  161.16
## 251  76.70  36  71136.49  222.25
## 252  61.22  45  63883.81  119.03
## 253  84.54  33  64902.47  204.02
## 254  46.08  30  66784.81  164.63
## 255  56.70  48  62784.85  123.13
## 256  81.03  28  63727.50  201.15
## 257  80.91  32  61608.23  231.42
## 258  40.06  38  56782.18  138.68
## 259  83.47  39  64447.77  226.11
## 260  73.84  31  42042.95  121.05
## 261  74.65  28  67669.06  212.56
## 262  60.25  35  54875.95  109.77
## 263  59.21  35  73347.67  144.62
## 264  43.02  44  50199.77  125.22
## 265  84.04  38  50723.67  244.55
## 266  70.66  43  63450.96  120.95
## 267  70.58  26  56694.12  136.94
## 268  72.44  34  70547.16  230.14
## 269  40.17  26  47391.95  171.31
## 270  79.15  26  62312.23  203.23
## 271  44.49  53  63100.13  168.00
## 272  73.04  37  73687.50  221.79
## 273  76.28  33  52686.47  254.34
## 274  68.88  37  78119.50  179.58
## 275  73.10  28  57014.84  242.37
## 276  47.66  29  27086.40  156.54
## 277  87.30  35  58337.18  216.87
## 278  89.34  32  50216.01  177.78
## 279  81.37  26  53049.44  156.48
## 280  81.67  28  62927.96  196.76
## 281  46.37  52  32847.53  144.27
## 282  54.88  24  32006.82  148.61
## 283  40.67  35  48913.07  133.18
## 284  71.76  35  69285.69  237.39
## 285  47.51  51  53700.57  130.41
## 286  75.15  22  52011.00  212.87
## 287  56.01  26  46339.25  127.26
## 288  82.87  37  67938.77  213.36
## 289  45.05  42  66348.95  141.36
## 290  60.53  24  66873.90  167.22
## 291  50.52  31  72270.88  171.62
## 292  84.71  32  61610.05  210.23
## 293  55.20  39  76560.59  159.46
## 294  81.61  33  62667.51  228.76
## 295  71.55  36  75687.46  163.99
## 296  82.40  36  66744.65  218.97
## 297  73.95  35  67714.82  238.58
## 298  72.07  31  69710.51  226.45
## 299  80.39  31  66269.49  214.74
## 300  65.80  25  60843.32  231.49
```

```
## 301  69.97  28  55041.60  250.00
## 302  52.62  50  73863.25  176.52
## 303  39.25  39  62378.05  152.36
## 304  77.56  38  63336.85  130.83
## 305  33.52  43  42191.61  165.56
## 306  79.81  24  56194.56  178.85
## 307  84.79  33  61771.90  214.53
## 308  82.70  35  61383.79  231.07
## 309  84.88  32  63924.82  186.48
## 310  54.92  54  23975.35  161.16
## 311  76.56  34  70179.11  221.53
## 312  69.74  49  66524.80  243.37
## 313  75.55  22  41851.38  169.40
## 314  72.19  33  61275.18  250.35
## 315  84.29  41  60638.38  232.54
## 316  73.89  39  47160.53  110.68
## 317  75.84  21  48537.18  186.98
## 318  73.38  25  53058.91  236.19
## 319  80.72  31  68614.98  186.37
## 320  62.06  44  44174.25  105.00
## 321  51.50  34  67050.16  135.31
## 322  90.97  37  54520.14  180.77
## 323  86.78  30  54952.42  170.13
## 324  66.18  35  69476.42  243.61
## 325  84.33  41  54989.93  240.95
## 326  36.87  36  29398.61  195.91
## 327  34.78  48  42861.42  208.21
## 328  76.84  32  65883.39  231.59
## 329  67.05  25  65421.39  220.92
## 330  41.47  31  60953.93  219.79
## 331  80.71  26  58476.57  200.58
## 332  80.09  31  66636.84  214.08
## 333  56.30  49  67430.96  135.24
## 334  79.36  34  57260.41  245.78
## 335  86.38  40  66359.32  188.27
## 336  38.94  41  57587.00  142.67
## 337  87.26  35  63060.55  184.03
## 338  75.32  28  59998.50  233.60
## 339  74.38  40  74024.61  220.05
## 340  65.90  22  60550.66  211.39
## 341  36.31  47  57983.30  168.92
## 342  72.23  48  52736.33  115.35
## 343  88.12  38  46653.75  230.91
## 344  83.97  28  56986.73  205.50
## 345  61.09  26  55336.18  131.68
## 346  65.77  21  42162.90  218.61
## 347  81.58  25  39699.13  199.39
## 348  37.87  52  56394.82  188.56
## 349  76.20  37  75044.35  178.51
## 350  60.91  19  53309.61  184.94
## 351  74.49  28  58996.12  237.34
## 352  73.71  23  56605.12  211.38
## 353  78.19  30  62475.99  228.81
## 354  79.54  44  70492.60  217.68
```

```
## 355  74.87  52  43698.53  126.97
## 356  87.09  36  57737.51  221.98
## 357  37.45  47  31281.01  167.86
## 358  49.84  39  45800.48  111.59
## 359  51.38  59  42362.49  158.56
## 360  83.40  34  66691.23  207.87
## 361  38.91  33  56369.74  150.80
## 362  62.14  41  59397.89  110.93
## 363  79.72  28  66025.11  193.80
## 364  73.30  36  68211.35  135.72
## 365  69.11  42  73608.99  231.48
## 366  71.90  54  61228.96  140.15
## 367  72.45  29  72325.91  195.36
## 368  77.07  40  44559.43  261.02
## 369  74.62  36  73207.15  217.79
## 370  82.07  25  46722.07  205.38
## 371  58.60  50  45400.50  113.70
## 372  36.08  45  41417.27  151.47
## 373  79.44  26  60845.55  206.79
## 374  41.73  47  60812.77  144.71
## 375  73.19  25  64267.88  203.74
## 376  77.60  24  58151.87  197.33
## 377  89.00  37  52079.18  222.26
## 378  69.20  42  26023.99  123.80
## 379  67.56  31  62318.38  125.45
## 380  81.11  39  56216.57  248.19
## 381  80.22  30  61806.31  224.58
## 382  43.63  41  51662.24  123.25
## 383  77.66  29  67080.94  168.15
## 384  74.63  26  51975.41  235.99
## 385  49.67  27  28019.09  153.69
## 386  80.59  37  67744.56  224.23
## 387  83.49  33  66574.00  190.75
## 388  44.46  42  30487.48  132.66
## 389  68.10  40  74903.41  227.73
## 390  63.88  38  19991.72  136.85
## 391  78.83  36  66050.63  234.64
## 392  79.97  44  70449.04  216.00
## 393  80.51  28  64008.55  200.28
## 394  62.26  26  70203.74  202.77
## 395  66.99  47  27262.51  124.44
## 396  71.05  20  49544.41  204.22
## 397  42.05  51  28357.27  174.55
## 398  50.52  28  66929.03  219.69
## 399  76.24  40  75524.78  198.32
## 400  77.29  27  66265.34  201.24
## 401  35.98  47  55993.68  165.52
## 402  84.95  34  56379.30  230.36
## 403  39.34  43  31215.88  148.93
## 404  87.23  29  51015.11  202.12
## 405  57.24  52  46473.14  117.35
## 406  81.58  41  55479.62  248.16
## 407  56.34  50  68713.70  139.02
## 408  48.73  27  34191.23  142.04
```

```
## 409  51.68  49  51067.54  258.62
## 410  35.34  45  46693.76  152.86
## 411  48.09  33  19345.36  180.42
## 412  78.68  29  66225.72  208.05
## 413  68.82  20  38609.20  205.64
## 414  56.99  40  37713.23  108.15
## 415  86.63  39  63764.28  209.64
## 416  41.18  43  41866.55  129.25
## 417  71.03  32  57846.68  120.85
## 418  72.92  29  69428.73  217.10
## 419  77.14  24  60283.98  184.88
## 420  60.70  43  79332.33  192.60
## 421  34.30  41  53167.68  160.74
## 422  83.71  45  64564.07  220.48
## 423  53.38  35  60803.37  120.06
## 424  58.03  31  28387.42  129.33
## 425  43.59  36  58849.77  132.31
## 426  60.07  42  65963.37  120.75
## 427  54.43  37  75180.20  154.74
## 428  81.99  33  61270.14  230.90
## 429  60.53  29  56759.48  123.28
## 430  84.69  31  46160.63  231.85
## 431  88.72  32  43870.51  211.87
## 432  88.89  35  50439.49  218.80
## 433  69.58  43  28028.74  255.07
## 434  85.23  36  64238.71  212.92
## 435  83.55  39  65816.38  221.18
## 436  56.66  42  72684.44  139.42
## 437  56.39  27  38817.40  248.12
## 438  76.24  27  63976.44  214.42
## 439  57.64  36  37212.54  110.25
## 440  78.18  23  52691.79  167.67
## 441  46.04  32  65499.93  147.92
## 442  79.40  35  63966.72  236.87
## 443  36.44  39  52400.88  147.64
## 444  53.14  38  49111.47  109.00
## 445  32.84  40  41232.89  171.72
## 446  73.72  32  52140.04  256.40
## 447  38.10  34  60641.09  214.38
## 448  73.93  44  74180.05  218.22
## 449  51.87  50  51869.87  119.65
## 450  77.69  22  48852.58  169.88
## 451  43.41  28  59144.02  160.73
## 452  55.92  24  33951.63  145.08
## 453  80.67  34  58909.36  239.76
## 454  83.42  25  49850.52  183.42
## 455  82.12  52  28679.93  201.15
## 456  66.17  33  69869.66  238.45
## 457  43.01  35  48347.64  127.37
## 458  80.05  25  45959.86  219.94
## 459  64.88  42  70005.51  129.80
## 460  79.82  26  51512.66  223.28
## 461  48.03  40  25598.75  134.60
## 462  32.99  45  49282.87  177.46
```

```
## 463                74.88  27    67240.25              175.17
## 464                36.49  52    42136.33              196.61
## 465                88.04  45    62589.84              191.17
## 466                45.70  33    67384.31              151.12
## 467                82.38  35    25603.93              159.60
## 468                52.68  23    39616.00              149.20
## 469                65.59  47    28265.81              121.81
## 470                65.65  25    63879.72              224.92
## 471                43.84  36    70592.81              167.42
## 472                67.69  37    76408.19              216.57
## 473                78.37  24    55015.08              207.27
## 474                81.46  29    51636.12              231.54
## 475                47.48  31    29359.20              141.34
## 476                75.15  33    71296.67              219.49
## 477                78.76  24    46422.76              219.98
## 478                44.96  50    52802.00              132.71
## 479                39.56  41    59243.46              143.13
## 480                39.76  28    35350.55              196.83
## 481                57.11  22    59677.64              207.17
## 482                83.26  40    70225.60              187.76
## 483                69.42  25    65791.17              213.38
## 484                50.60  30    34191.13              129.88
## 485                46.20  37    51315.38              119.30
## 486                66.88  35    62790.96              119.47
## 487                83.97  40    66291.67              158.42
## 488                76.56  30    68030.18              213.75
## 489                35.49  48    43974.49              159.77
## 490                80.29  31    49457.48              244.87
## 491                50.19  40    33987.27              117.30
## 492                59.12  33    28210.03              124.54
## 493                59.88  30    75535.14              193.63
## 494                59.70  28    49158.50              120.25
## 495                67.80  30    39809.69              117.75
## 496                81.59  35    65826.53              223.16
## 497                81.10  29    61172.07              216.49
## 498                41.70  39    42898.21              126.95
## 499                73.94  27    68333.01              173.49
## 500                58.35  37    70232.95              132.63
## 501                51.56  46    63102.19              124.85
## 502                79.81  37    51847.26              253.17
## 503                66.17  26    63580.22              228.70
## 504                58.21  37    47575.44              105.94
## 505                66.12  49    39031.89              113.80
## 506                80.47  42    70505.06              215.18
## 507                77.05  31    62161.26              236.64
## 508                49.99  41    61068.26              121.07
## 509                80.30  58    49090.51              173.43
## 510                79.36  33    62330.75              234.72
## 511                57.86  30    18819.34              166.86
## 512                70.29  26    62053.37              231.37
## 513                84.53  33    61922.06              215.18
## 514                59.13  44    49525.37              106.04
## 515                81.51  41    53412.32              250.03
## 516                42.94  37    56681.65              130.40
```

```
## 517                84.81  32    43299.63              233.93
## 518                82.79  34    47997.75              132.08
## 519                59.22  55    39131.53              126.39
## 520                35.00  40    46033.73              151.25
## 521                46.61  42    65856.74              136.18
## 522                63.26  29    54787.37              120.46
## 523                79.16  32    69562.46              202.90
## 524                67.94  43    68447.17              128.16
## 525                79.91  32    62772.42              230.18
## 526                66.14  41    78092.95              165.27
## 527                43.65  39    63649.04              138.87
## 528                59.61  21    60637.62              198.45
## 529                46.61  52    27241.11              156.99
## 530                89.37  34    42760.22              162.03
## 531                65.10  49    59457.52              118.10
## 532                53.44  42    42907.89              108.17
## 533                79.53  51    46132.18              244.91
## 534                91.43  39    46964.11              209.91
## 535                73.57  30    70377.23              212.38
## 536                78.76  32    70012.83              208.02
## 537                76.49  23    56457.01              181.11
## 538                61.72  26    67279.06              218.49
## 539                84.53  35    54773.99              236.29
## 540                72.03  34    70783.94              230.95
## 541                77.47  36    70510.59              222.91
## 542                75.65  39    64021.55              247.90
## 543                78.15  33    72042.85              194.37
## 544                63.80  38    36037.33              108.70
## 545                76.59  29    67526.92              211.64
## 546                42.60  55    55121.65              168.29
## 547                78.77  28    63497.62              211.83
## 548                83.40  39    60879.48              235.01
## 549                79.53  33    61467.33              236.72
## 550                73.89  35    70495.64              229.99
## 551                75.80  36    71222.40              224.90
## 552                81.95  31    64698.58              208.76
## 553                56.39  58    32252.38              154.23
## 554                44.73  35    55316.97              127.56
## 555                38.35  33    47447.89              145.48
## 556                72.53  37    73474.82              223.93
## 557                56.20  49    53549.94              114.85
## 558                79.67  28    58576.12              226.79
## 559                75.42  26    63373.70              164.25
## 560                78.64  31    60283.47              235.28
## 561                67.69  44    37345.34              109.22
## 562                38.35  41    34886.01              144.69
## 563                59.52  44    67511.86              251.08
## 564                62.26  37    77988.71              166.19
## 565                64.75  36    63001.03              117.66
## 566                79.97  26    61747.98              185.45
## 567                47.90  42    48467.68              114.53
## 568                80.38  30    55130.96              238.06
## 569                64.51  42    79484.80              190.71
## 570                71.28  37    67307.43              246.72
```

```
## 571  50.32  40  27964.60  125.65
## 572  72.76  33  66431.87  240.63
## 573  72.80  35  63551.67  249.54
## 574  74.59  23  40135.06  158.35
## 575  46.66  45  49101.67  118.16
## 576  48.86  54  53188.69  134.46
## 577  37.05  39  49742.83  142.81
## 578  81.21  36  63394.41  233.04
## 579  66.89  23  64433.99  208.24
## 580  68.11  38  73884.48  231.21
## 581  69.15  46  36424.94  112.72
## 582  65.72  36  28275.48  120.12
## 583  40.04  27  48098.86  161.58
## 584  68.60  33  68448.94  135.08
## 585  56.16  25  66429.84  164.25
## 586  78.60  46  41768.13  254.59
## 587  78.29  38  57844.96  252.07
## 588  43.83  45  35684.82  129.01
## 589  77.31  32  62792.43  238.10
## 590  39.86  28  51171.23  161.24
## 591  66.77  25  58847.07  141.13
## 592  57.20  42  57739.03  110.66
## 593  73.15  25  64631.22  211.12
## 594  82.07  24  50337.93  193.97
## 595  49.84  38  67781.31  135.24
## 596  43.97  36  68863.95  156.97
## 597  77.25  27  55901.12  231.38
## 598  74.84  37  64775.10  246.44
## 599  83.53  36  67686.16  204.56
## 600  38.63  48  57777.11  222.11
## 601  84.00  48  46868.53  136.21
## 602  52.13  50  40926.93  118.27
## 603  71.83  40  22205.74  135.48
## 604  78.36  24  58920.44  196.77
## 605  50.18  35  63006.14  127.82
## 606  64.67  51  24316.61  138.35
## 607  69.50  26  68348.99  203.84
## 608  65.22  30  66263.37  240.09
## 609  62.06  40  63493.60  116.27
## 610  84.29  30  56984.09  160.33
## 611  32.91  37  51691.55  181.02
## 612  39.50  31  49911.25  148.19
## 613  75.19  31  33502.57  245.76
## 614  76.21  31  65834.97  228.94
## 615  67.76  31  66176.97  242.59
## 616  40.01  53  51463.17  161.77
## 617  52.70  41  41059.64  109.34
## 618  68.41  38  61428.18  259.76
## 619  35.55  39  51593.46  151.18
## 620  74.54  24  57518.73  219.75
## 621  81.75  24  52656.13  190.08
## 622  87.85  31  52178.98  210.27
## 623  60.23  60  46239.14  151.54
## 624  87.97  35  48918.55  149.25
```

```
## 625  78.17  27  65227.79  192.27
## 626  67.91  23  55002.05  146.80
## 627  85.77  27  52261.73  191.78
## 628  41.16  49  59448.44  150.83
## 629  53.54  39  47314.45  108.03
## 630  73.94  26  55411.06  236.15
## 631  63.43  29  66504.16  236.75
## 632  84.59  36  47169.14  241.80
## 633  70.13  31  70889.68  224.98
## 634  40.19  37  55358.88  136.99
## 635  58.95  55  56242.70  131.29
## 636  35.76  51  45522.44  195.07
## 637  59.36  49  46931.03  110.84
## 638  91.10  40  55499.69  198.13
## 639  61.04  41  75805.12  149.21
## 640  74.06  23  40345.49  225.99
## 641  64.63  45  15598.29  158.80
## 642  81.29  28  33239.20  219.72
## 643  76.07  36  68033.54  235.56
## 644  75.92  22  38427.66  182.65
## 645  78.35  46  53185.34  253.48
## 646  46.14  28  39723.97  137.97
## 647  44.33  41  43386.07  120.63
## 648  46.43  28  53922.43  137.20
## 649  66.04  27  71881.84  199.76
## 650  84.31  29  47139.21  225.87
## 651  83.66  38  68877.02  175.14
## 652  81.25  33  65186.58  222.35
## 653  85.26  32  55424.24  224.07
## 654  86.53  46  46500.11  233.36
## 655  76.44  26  58820.16  224.20
## 656  52.84  43  28495.21  122.31
## 657  85.24  31  61840.26  182.84
## 658  74.71  46  37908.29  258.06
## 659  82.95  39  69805.70  201.29
## 660  76.42  26  60315.19  223.16
## 661  42.04  49  67323.00  182.11
## 662  46.28  26  50055.33  228.78
## 663  48.26  50  43573.66  122.45
## 664  71.03  55  28186.65  150.77
## 665  81.37  33  66412.04  215.04
## 666  58.05  32  15879.10  195.54
## 667  75.00  29  63965.16  230.36
## 668  79.61  31  58342.63  235.97
## 669  52.56  31  33147.19  250.36
## 670  62.18  33  65899.68  126.44
## 671  77.89  26  64188.50  201.54
## 672  66.08  61  58966.22  184.23
## 673  89.21  33  44078.24  210.53
## 674  49.96  55  60968.62  151.94
## 675  77.44  28  65620.25  210.39
## 676  82.58  38  65496.78  225.23
## 677  39.36  29  52462.04  161.79
## 678  47.23  38  70582.55  149.80
```

```
## 679  87.85  34  51816.27  153.01
## 680  65.57  46  23410.75  130.86
## 681  78.01  26  62729.40  200.71
## 682  44.15  28  48867.67  141.96
## 683  43.57  36  50971.73  125.20
## 684  76.83  28  67990.84  192.81
## 685  42.06  34  43241.19  131.55
## 686  76.27  27  60082.66  226.69
## 687  74.27  37  65180.97  247.05
## 688  73.27  28  67301.39  216.24
## 689  74.58  36  70701.31  230.52
## 690  77.50  28  60997.84  225.34
## 691  87.16  33  60805.93  197.15
## 692  87.16  37  50711.68  231.95
## 693  66.26  47  14548.06  179.04
## 694  65.15  29  41335.84  117.30
## 695  68.25  33  76480.16  198.86
## 696  73.49  38  67132.46  244.23
## 697  39.19  54  52581.16  173.05
## 698  80.15  25  55195.61  214.49
## 699  86.76  28  48679.54  189.91
## 700  73.88  29  63109.74  233.61
## 701  58.60  19  44490.09  197.93
## 702  69.77  54  57667.99  132.27
## 703  87.27  30  51824.01  204.27
## 704  77.65  28  66198.66  208.01
## 705  76.02  40  73174.19  219.55
## 706  78.84  26  56593.80  217.66
## 707  71.33  23  31072.44  169.40
## 708  81.90  41  66773.83  225.47
## 709  46.89  48  72553.94  176.78
## 710  77.80  57  43708.88  152.94
## 711  45.44  43  48453.55  119.27
## 712  69.96  31  73413.87  214.06
## 713  87.35  35  58114.30  158.29
## 714  49.42  53  45465.25  128.00
## 715  71.27  21  50147.72  216.03
## 716  49.19  38  61004.51  123.08
## 717  39.96  35  53898.89  138.52
## 718  85.01  29  59797.64  192.50
## 719  68.95  51  74623.27  185.85
## 720  67.59  45  58677.69  113.69
## 721  75.71  34  62109.80  246.06
## 722  43.07  36  60583.02  137.63
## 723  39.47  43  65576.05  163.48
## 724  48.22  40  73882.91  214.33
## 725  76.76  25  50468.36  230.77
## 726  78.74  27  51409.45  234.75
## 727  67.47  24  60514.05  225.05
## 728  81.17  30  57195.96  231.91
## 729  89.66  34  52802.58  171.23
## 730  79.60  28  56570.06  227.37
## 731  65.53  19  51049.47  190.17
## 732  61.87  35  66629.61  250.20
```

```
## 733  83.16  41  70185.06  194.95
## 734  44.11  41  43111.41  121.24
## 735  56.57  26  56435.60  131.98
## 736  83.91  29  53223.58  222.87
## 737  79.80  28  57179.91  229.88
## 738  71.23  52  41521.28  122.59
## 739  47.23  43  73538.09  210.87
## 740  82.37  30  63664.32  207.44
## 741  43.63  38  61757.12  135.25
## 742  70.90  28  71727.51  190.95
## 743  71.90  29  72203.96  193.29
## 744  62.12  37  50671.60  105.86
## 745  67.35  29  47510.42  118.69
## 746  57.99  50  62466.10  124.58
## 747  66.80  29  59683.16  248.51
## 748  49.13  32  41097.17  120.49
## 749  45.11  58  39799.73  195.69
## 750  54.35  42  76984.21  164.02
## 751  61.82  59  57877.15  151.93
## 752  77.75  31  59047.91  240.64
## 753  70.61  28  72154.68  190.12
## 754  82.72  31  65704.79  179.82
## 755  76.87  36  72948.76  212.59
## 756  65.07  34  73941.91  227.53
## 757  56.93  37  57887.64  111.80
## 758  48.86  35  62463.70  128.37
## 759  36.56  29  42838.29  195.89
## 760  85.73  32  43778.88  147.75
## 761  75.81  40  71157.05  229.19
## 762  72.94  31  74159.69  190.84
## 763  53.63  54  50333.72  126.29
## 764  52.35  25  33293.78  147.61
## 765  52.84  51  38641.20  121.57
## 766  51.58  33  49822.78  115.91
## 767  42.32  29  63891.29  187.09
## 768  55.04  42  43881.73  106.96
## 769  68.58  41  13996.50  171.54
## 770  85.54  27  48761.14  175.43
## 771  71.14  30  69758.31  224.82
## 772  64.38  19  52530.10  180.47
## 773  88.85  40  58363.12  213.96
## 774  66.79  60  60575.99  198.30
## 775  32.60  45  48206.04  185.47
## 776  43.88  54  31523.09  166.85
## 777  56.46  26  66187.58  151.63
## 778  72.18  30  69438.04  225.02
## 779  52.67  44  14775.50  191.26
## 780  80.55  35  68016.90  219.91
## 781  67.85  41  78520.99  202.70
## 782  75.55  36  31998.72  123.71
## 783  80.46  29  56909.30  230.78
## 784  82.69  29  61161.29  167.41
## 785  35.21  39  52340.10  154.00
## 786  36.37  40  47338.94  144.53
```

```
## 787  74.07  22  50950.24  165.43
## 788  59.96  33  77143.61  197.66
## 789  85.62  29  57032.36  195.68
## 790  40.88  33  48554.45  136.18
## 791  36.98  31  39552.49  167.87
## 792  35.49  47  36884.23  170.04
## 793  56.56  26  68783.45  204.47
## 794  36.62  32  51119.93  162.44
## 795  49.35  49  44304.13  119.86
## 796  75.64  29  69718.19  204.82
## 797  79.22  27  63429.18  198.79
## 798  77.05  34  65756.36  236.08
## 799  66.83  46  77871.75  196.17
## 800  76.20  24  47258.59  228.81
## 801  56.64  29  55984.89  123.24
## 802  53.33  34  44275.13  111.63
## 803  50.63  50  25767.16  142.23
## 804  41.84  49  37605.11  139.32
## 805  53.92  41  25739.09  125.46
## 806  83.89  28  60188.38  180.88
## 807  55.32  43  67682.32  127.65
## 808  53.22  44  44307.18  108.85
## 809  43.16  35  25371.52  156.11
## 810  67.51  43  23942.61  127.20
## 811  43.16  29  50666.50  143.04
## 812  79.89  30  50356.06  241.38
## 813  84.25  32  63936.50  170.90
## 814  74.18  28  69874.18  203.87
## 815  85.78  34  50038.65  232.78
## 816  80.96  39  67866.95  225.00
## 817  36.91  48  54645.20  159.69
## 818  54.47  23  46780.09  141.52
## 819  81.98  34  67432.49  212.88
## 820  79.60  39  73392.28  194.23
## 821  57.51  38  47682.28  105.71
## 822  82.30  31  56735.83  232.21
## 823  73.21  30  51013.37  252.60
## 824  79.09  32  69481.85  209.72
## 825  68.47  28  67033.34  226.64
## 826  83.69  36  68717.00  192.57
## 827  83.48  31  59340.99  222.72
## 828  43.49  45  47968.32  124.67
## 829  66.69  35  48758.92  108.27
## 830  48.46  49  61230.03  132.38
## 831  42.51  30  54755.71  144.77
## 832  42.83  34  54324.73  132.38
## 833  41.46  42  52177.40  128.98
## 834  45.99  33  51163.14  124.61
## 835  68.72  27  66861.67  225.97
## 836  63.11  34  63107.88  254.94
## 837  49.21  46  49206.40  115.60
## 838  55.77  49  55942.04  117.33
## 839  44.13  40  33601.84  128.48
## 840  57.82  46  48867.36  107.56
```

```
## 841  72.46  40  56683.32  113.53
## 842  61.88  45  38260.89  108.18
## 843  78.24  23  54106.21  199.29
## 844  74.61  38  71055.22  231.28
## 845  89.18  37  46403.18  224.01
## 846  44.16  42  61690.93  133.42
## 847  55.74  37  26130.93  124.34
## 848  88.82  36  58638.75  169.10
## 849  70.39  32  47357.39  261.52
## 850  59.05  52  50086.17  118.45
## 851  78.58  33  51772.58  250.11
## 852  35.11  35  47638.30  158.03
## 853  60.39  45  38987.42  108.25
## 854  81.56  26  51363.16  213.70
## 855  75.03  34  35764.49  255.57
## 856  50.87  24  62939.50  190.41
## 857  82.80  30  58776.67  223.20
## 858  78.51  25  59106.12  205.71
## 859  37.65  51  50457.01  161.29
## 860  83.17  43  54251.78  244.40
## 861  91.37  45  51920.49  182.65
## 862  68.25  29  70324.80  220.08
## 863  81.32  25  52416.18  165.65
## 864  76.64  39  66217.31  241.50
## 865  74.06  50  60938.73  246.29
## 866  39.53  33  40243.82  142.21
## 867  86.58  32  60151.77  195.93
## 868  90.75  40  45945.88  216.50
## 869  67.71  25  63430.33  225.76
## 870  82.41  36  65882.81  222.08
## 871  45.82  27  64410.80  171.24
## 872  76.79  27  55677.12  235.94
## 873  70.05  33  75560.65  203.44
## 874  72.19  32  61067.58  250.32
## 875  77.35  34  72330.57  167.26
## 876  40.34  29  32549.95  173.75
## 877  67.39  44  51257.26  107.19
## 878  68.68  34  77220.42  187.03
## 879  81.75  43  52520.75  249.45
## 880  66.03  22  59422.47  217.37
## 881  47.74  33  22456.04  154.93
## 882  79.18  31  58443.99  236.96
## 883  86.81  29  50820.74  199.62
## 884  41.53  42  67575.12  158.81
## 885  70.92  39  66522.79  249.81
## 886  46.84  45  34903.67  123.22
## 887  44.40  53  43073.78  140.95
## 888  52.17  44  57594.70  115.37
## 889  81.45  31  66027.31  205.84
## 890  54.08  36  53012.94  111.02
## 891  76.65  31  61117.50  238.43
## 892  54.39  20  52563.22  171.90
## 893  37.74  40  65773.49  190.95
## 894  69.86  25  50506.44  241.36
```

```
## 895                85.37  36    66262.59             194.56
## 896                80.99  26    35521.88             207.53
## 897                78.84  32    62430.55             235.29
## 898                77.36  41    49597.08             115.79
## 899                55.46  37    42078.89             108.10
## 900                35.66  45    46197.59             151.72
## 901                50.78  51    49957.00             122.04
## 902                40.47  38    24078.93             203.90
## 903                45.62  43    53647.81             121.28
## 904                84.76  30    61039.13             178.69
## 905                80.64  26    46974.15             221.59
## 906                75.94  27    53042.51             236.96
## 907                37.01  50    48826.14             216.01
## 908                87.18  31    58287.86             193.60
## 909                56.91  50    21773.22             146.44
## 910                75.24  24    52252.91             226.49
## 911                42.84  52    27073.27             182.20
## 912                67.56  47    50628.31             109.98
## 913                34.96  42    36913.51             160.49
## 914                87.46  37    61009.10             211.56
## 915                41.86  39    53041.77             128.62
## 916                34.04  34    40182.84             174.88
## 917                54.96  42    59419.78             113.75
## 918                87.14  31    58235.21             199.40
## 919                78.79  32    68324.48             215.29
## 920                65.56  25    69646.35             181.25
## 921                81.05  34    54045.39             245.50
## 922                55.71  37    57806.03             112.52
## 923                45.48  49    53336.76             129.16
## 924                47.00  56    50491.45             149.53
## 925                59.64  51    71455.62             153.12
## 926                35.98  45    43241.88             150.79
## 927                72.55  22    58953.01             202.34
## 928                91.15  38    36834.04             184.98
## 929                80.53  29    66345.10             187.64
## 930                82.49  45    38645.40             130.84
## 931                80.94  36    60803.00             239.94
## 932                61.76  34    33553.90             114.69
## 933                63.30  38    63071.34             116.19
## 934                36.73  34    46737.34             149.79
## 935                78.41  33    55368.67             248.23
## 936                83.98  36    68305.91             194.62
## 937                63.18  45    39211.49             107.92
## 938                50.60  48    65956.71             135.67
## 939                32.60  38    40159.20             190.05
## 940                60.83  19    40478.83             185.46
## 941                44.72  46    40468.53             123.86
## 942                78.76  51    66980.27             162.05
## 943                79.51  39    34942.26             125.11
## 944                39.30  32    48335.20             145.73
## 945                64.79  30    42251.59             116.07
## 946                89.80  36    57330.43             198.24
## 947                72.82  34    75769.82             191.82
## 948                38.65  31    51812.71             154.77
```

```
## 949                    59.01  30    75265.96              178.75
## 950                    78.96  50    69868.48              193.15
## 951                    63.99  43    72802.42              138.46
## 952                    41.35  27    39193.45              162.46
## 953                    62.79  36    18368.57              231.87
## 954                    45.53  29    56129.89              141.58
## 955                    51.65  31    58996.56              249.99
## 956                    54.55  44    41547.62              109.04
## 957                    35.66  36    59240.24              172.57
## 958                    69.95  28    56725.47              247.01
## 959                    79.83  29    55764.43              234.23
## 960                    85.35  37    64235.51              161.42
## 961                    56.78  28    39939.39              124.32
## 962                    78.67  26    63319.99              195.56
## 963                    70.09  21    54725.87              211.17
## 964                    60.75  42    69775.75              247.05
## 965                    65.07  24    57545.56              233.85
## 966                    35.25  50    47051.02              194.44
## 967                    37.58  52    51600.47              176.70
## 968                    68.01  25    68357.96              188.32
## 969                    45.08  38    35349.26              125.27
## 970                    63.04  27    69784.85              159.05
## 971                    40.18  29    50760.23              151.96
## 972                    45.17  48    34418.09              132.07
## 973                    50.48  50    20592.99              162.43
## 974                    80.87  28    63528.80              203.30
## 975                    41.88  40    44217.68              126.11
## 976                    39.87  48    47929.83              139.34
## 977                    61.84  45    46024.29              105.63
## 978                    54.97  31    51900.03              116.38
## 979                    71.40  30    72188.90              166.31
## 980                    70.29  31    56974.51              254.65
## 981                    67.26  57    25682.65              168.41
## 982                    76.58  46    41884.64              258.26
## 983                    54.37  38    72196.29              140.77
## 984                    82.79  32    54429.17              234.81
## 985                    66.47  31    58037.66              256.39
## 986                    72.88  44    64011.26              125.12
## 987                    76.44  28    59967.19              232.68
## 988                    63.37  43    43155.19              105.04
## 989                    89.71  48    51501.38              204.40
## 990                    70.96  31    55187.85              256.40
## 991                    35.79  44    33813.08              165.62
## 992                    38.96  38    36497.22              140.67
## 993                    69.17  40    66193.81              123.62
## 994                    64.20  27    66200.96              227.63
## 995                    43.70  28    63126.96              173.01
## 996                    72.97  30    71384.57              208.58
## 997                    51.30  45    67782.17              134.42
## 998                    51.63  51    42415.72              120.37
## 999                    55.55  19    41920.79              187.95
## 1000                   45.01  26    29875.80              178.35
##                                                  Ad.Topic.Line
## 1                      Cloned 5thgeneration orchestration
```

```
## 2                          Monitored national standardization
## 3                            Organic bottom-line service-desk
## 4                     Triple-buffered reciprocal time-frame
## 5                             Robust logistical utilization
## 6                           Sharable client-driven software
## 7                                Enhanced dedicated support
## 8                                  Reactive local challenge
## 9                           Configurable coherent function
## 10                       Mandatory homogeneous architecture
## 11                           Centralized neutral neural-net
## 12             Team-oriented grid-enabled Local Area Network
## 13                    Centralized content-based focus group
## 14                         Synergistic fresh-thinking array
## 15                           Grass-roots coherent extranet
## 16                      Persistent demand-driven interface
## 17                      Customizable multi-tasking website
## 18                             Intuitive dynamic attitude
## 19              Grass-roots solution-oriented conglomeration
## 20                             Advanced 24/7 productivity
## 21                    Object-based reciprocal knowledgebase
## 22                        Streamlined non-volatile analyzer
## 23                    Mandatory disintermediate utilization
## 24                       Future-proofed methodical protocol
## 25                            Exclusive neutral parallelism
## 26                          Public-key foreground groupware
## 27                      Ameliorated client-driven forecast
## 28                          Monitored systematic hierarchy
## 29                 Open-architected impactful productivity
## 30                 Business-focused value-added definition
## 31                  Programmable asymmetric data-warehouse
## 32                            Digitized static capability
## 33                            Digitized global capability
## 34               Multi-layered 4thgeneration knowledge user
## 35                      Synchronized dedicated service-desk
## 36                          Synchronized systemic hierarchy
## 37                                  Profound stable product
## 38                         Reactive demand-driven capacity
## 39               Persevering needs-based open architecture
## 40                           Intuitive exuding service-desk
## 41                          Innovative user-facing extranet
## 42                        Front-line intermediate database
## 43                       Persevering exuding system engine
## 44                            Balanced dynamic application
## 45                                  Reduced global support
## 46                        Organic leadingedge secured line
## 47                Business-focused encompassing neural-net
## 48                  Triple-buffered demand-driven alliance
## 49                Visionary maximized process improvement
## 50                          Centralized 24/7 installation
## 51                           Organized static focus group
## 52                           Visionary reciprocal circuit
## 53                       Pre-emptive value-added workforce
## 54                             Sharable analyzing alliance
## 55                       Team-oriented encompassing portal
```

```
## 56                            Sharable bottom-line solution
## 57                             Cross-group regional website
## 58                                   Organized global model
## 59                          Upgradable asynchronous circuit
## 60                        Phased transitional instruction set
## 61                        Customer-focused empowering ability
## 62                        Front-line heuristic data-warehouse
## 63                              Stand-alone national attitude
## 64                               Focused upward-trending core
## 65                        Streamlined cohesive conglomeration
## 66                              Upgradable optimizing toolset
## 67                              Synchronized user-facing core
## 68                          Organized client-driven alliance
## 69                           Ergonomic multi-state structure
## 70                           Synergized multimedia emulation
## 71                    Customer-focused optimizing moderator
## 72                            Advanced full-range migration
## 73                  De-engineered object-oriented protocol
## 74           Polarized clear-thinking budgetary management
## 75               Customizable 6thgeneration knowledge user
## 76                     Seamless object-oriented structure
## 77                                Seamless real-time array
## 78                     Grass-roots impactful system engine
## 79                               Devolved tangible approach
## 80                          Customizable executive software
## 81                           Progressive analyzing attitude
## 82                            Innovative executive encoding
## 83                         Down-sized uniform info-mediaries
## 84                  Streamlined next generation implementation
## 85                         Distributed tertiary system engine
## 86                         Triple-buffered scalable groupware
## 87                               Total 5thgeneration encoding
## 88                         Integrated human-resource encoding
## 89                            Phased dynamic customer loyalty
## 90                                Open-source coherent policy
## 91                                Down-sized modular intranet
## 92                      Pre-emptive content-based focus group
## 93                      Versatile 4thgeneration system engine
## 94                            Ergonomic full-range time-frame
## 95                             Automated directional function
## 96                           Progressive empowering alliance
## 97                            Versatile homogeneous capacity
## 98                         Function-based optimizing protocol
## 99                                Up-sized secondary software
## 100                            Seamless holistic time-frame
## 101                          Persevering reciprocal firmware
## 102                       Centralized logistical secured line
## 103                     Innovative background conglomeration
## 104                             Switchable 3rdgeneration hub
## 105                   Polarized 6thgeneration info-mediaries
## 106                              Balanced heuristic approach
## 107                           Focused 24hour implementation
## 108                        De-engineered mobile infrastructure
## 109                Customer-focused upward-trending contingency
```

```
## 110                       Operative system-worthy protocol
## 111                  User-friendly upward-trending intranet
## 112                  Future-proofed holistic superstructure
## 113                               Extended systemic policy
## 114                            Horizontal hybrid challenge
## 115                                Virtual composite model
## 116                            Switchable mobile framework
## 117                           Focused intangible moderator
## 118                           Balanced actuating moderator
## 119                  Customer-focused transitional strategy
## 120                    Advanced web-enabled standardization
## 121                     Pre-emptive executive knowledgebase
## 122               Self-enabling holistic process improvement
## 123                       Horizontal client-driven hierarchy
## 124                             Polarized dynamic throughput
## 125                   Devolved zero administration intranet
## 126                 User-friendly asymmetric info-mediaries
## 127                       Cross-platform regional task-force
## 128                Polarized bandwidth-monitored moratorium
## 129                    Centralized systematic knowledgebase
## 130               Future-proofed grid-enabled implementation
## 131                        Down-sized well-modulated archive
## 132                      Realigned zero tolerance emulation
## 133                       Versatile transitional monitoring
## 134           Profound zero administration instruction set
## 135                        User-centric intangible task-force
## 136                        Enhanced system-worthy application
## 137                        Multi-layered user-facing paradigm
## 138                             Customer-focused 24/7 concept
## 139                 Function-based transitional complexity
## 140           Progressive clear-thinking open architecture
## 141                           Up-sized executive moderator
## 142                 Re-contextualized optimal service-desk
## 143                 Fully-configurable neutral open system
## 144                         Upgradable system-worthy array
## 145                    Ergonomic client-driven application
## 146                       Realigned content-based leverage
## 147                        Decentralized real-time circuit
## 148                             Polarized modular function
## 149                Enterprise-wide client-driven contingency
## 150                           Diverse modular interface
## 151                         Polarized analyzing concept
## 152               Multi-channeled asynchronous open system
## 153          Function-based context-sensitive secured line
## 154                     Adaptive 24hour Graphic Interface
## 155                        Automated coherent flexibility
## 156                           Focused scalable complexity
## 157                         Up-sized incremental encryption
## 158                     Sharable dedicated Graphic Interface
## 159                   Digitized zero administration paradigm
## 160                     Managed grid-enabled standardization
## 161                          Networked foreground definition
## 162                              Re-engineered exuding frame
## 163                         Horizontal multi-state interface
```

```
## 164                                 Diverse stable circuit
## 165                            Universal 24/7 implementation
## 166          Customer-focused multi-tasking Internet solution
## 167               Vision-oriented contextually-based extranet
## 168                               Extended local methodology
## 169                    Re-engineered demand-driven capacity
## 170        Customer-focused attitude-oriented instruction set
## 171                              Synergized hybrid time-frame
## 172                           Advanced exuding conglomeration
## 173                         Secured clear-thinking middleware
## 174                        Right-sized value-added initiative
## 175                    Centralized tertiary pricing structure
## 176        Multi-channeled reciprocal artificial intelligence
## 177                    Synergized context-sensitive database
## 178                             Realigned systematic function
## 179                    Adaptive context-sensitive application
## 180                             Networked high-level structure
## 181                      Profit-focused dedicated utilization
## 182                            Stand-alone tangible moderator
## 183                         Polarized tangible collaboration
## 184                        Focused high-level conglomeration
## 185                       Advanced modular Local Area Network
## 186                             Virtual scalable secured line
## 187                       Front-line fault-tolerant intranet
## 188                       Inverse asymmetric instruction set
## 189                       Synchronized leadingedge help-desk
## 190                      Total 5thgeneration standardization
## 191                             Sharable grid-enabled matrix
## 192                          Balanced asynchronous hierarchy
## 193               Monitored object-oriented Graphic Interface
## 194                  Cloned analyzing artificial intelligence
## 195                           Persistent homogeneous framework
## 196                          Face-to-face even-keeled website
## 197                    Extended context-sensitive monitoring
## 198                             Exclusive client-driven model
## 199                           Profound executive flexibility
## 200                          Reduced bi-directional strategy
## 201                             Digitized heuristic solution
## 202                       Seamless 4thgeneration contingency
## 203                         Seamless intangible secured line
## 204                               Intuitive radical forecast
## 205      Multi-layered non-volatile Graphical User Interface
## 206              User-friendly client-server instruction set
## 207                           Synchronized multimedia model
## 208                       Face-to-face intermediate approach
## 209                            Assimilated fault-tolerant hub
## 210                     Exclusive disintermediate task-force
## 211                           Managed zero tolerance concept
## 212                             Compatible systemic function
## 213                    Configurable fault-tolerant monitoring
## 214                          Future-proofed coherent hardware
## 215                    Ameliorated upward-trending definition
## 216                             Front-line tangible alliance
## 217                              Progressive 24hour forecast
```

```
## 218                       Self-enabling optimal initiative
## 219        Configurable logistical Graphical User Interface
## 220                 Virtual bandwidth-monitored initiative
## 221                  Multi-tiered human-resource structure
## 222                Managed upward-trending instruction set
## 223                       Cloned object-oriented benchmark
## 224                  Fundamental fault-tolerant neural-net
## 225                     Phased zero administration success
## 226                 Compatible intangible customer loyalty
## 227                   Distributed 3rdgeneration definition
## 228              Pre-emptive cohesive budgetary management
## 229                   Configurable multi-state utilization
## 230                      Diverse multi-tasking parallelism
## 231                       Horizontal content-based synergy
## 232                         Multi-tiered maximized archive
## 233                            Diverse executive groupware
## 234                              Synergized cohesive array
## 235                           Versatile dedicated software
## 236                         Stand-alone reciprocal synergy
## 237                         Universal even-keeled analyzer
## 238                          Up-sized tertiary contingency
## 239                       Monitored real-time superstructure
## 240                         Streamlined analyzing initiative
## 241                                  Automated static concept
## 242                               Operative stable moderator
## 243                       Up-sized 6thgeneration moratorium
## 244                            Expanded clear-thinking core
## 245             Polarized attitude-oriented superstructure
## 246                            Networked coherent interface
## 247                         Enhanced homogeneous moderator
## 248                            Seamless full-range website
## 249            Profit-focused attitude-oriented task-force
## 250                    Cross-platform multimedia algorithm
## 251                        Open-source coherent monitoring
## 252                      Streamlined logistical secured line
## 253                           Synchronized stable complexity
## 254                      Synergistic value-added extranet
## 255                     Progressive non-volatile neural-net
## 256                          Persevering tertiary capability
## 257          Enterprise-wide bi-directional secured line
## 258        Organized contextually-based customer loyalty
## 259                               Total directional approach
## 260                     Programmable uniform productivity
## 261                           Robust transitional ability
## 262                   De-engineered fault-tolerant database
## 263                        Managed disintermediate matrices
## 264                   Configurable bottom-line application
## 265                Self-enabling didactic pricing structure
## 266                           Versatile scalable encryption
## 267                Proactive next generation knowledge user
## 268                         Customizable tangible hierarchy
## 269                         Visionary asymmetric encryption
## 270                       Intuitive explicit conglomeration
## 271                     Business-focused real-time toolset
```

```
## 272                   Organic contextually-based focus group
## 273                         Right-sized asynchronous website
## 274                        Advanced 5thgeneration capability
## 275                             Universal asymmetric archive
## 276                           Devolved responsive structure
## 277                          Triple-buffered regional toolset
## 278                        Object-based executive productivity
## 279                        Business-focused responsive website
## 280                             Visionary analyzing structure
## 281       De-engineered solution-oriented open architecture
## 282                   Customizable modular Internet solution
## 283                      Stand-alone encompassing throughput
## 284                          Customizable zero-defect matrix
## 285                       Managed well-modulated collaboration
## 286                                 Universal global intranet
## 287                           Re-engineered real-time success
## 288                    Front-line fresh-thinking open system
## 289                     Digitized contextually-based product
## 290                              Organic interactive support
## 291                            Function-based stable alliance
## 292                             Reactive responsive emulation
## 293                          Exclusive zero tolerance alliance
## 294                             Enterprise-wide local matrices
## 295                        Inverse next generation moratorium
## 296                          Implemented bifurcated workforce
## 297                          Persevering even-keeled help-desk
## 298                  Grass-roots eco-centric instruction set
## 299  Fully-configurable incremental Graphical User Interface
## 300                                 Expanded radical software
## 301                          Mandatory 3rdgeneration moderator
## 302                       Enterprise-wide foreground emulation
## 303               Customer-focused incremental system engine
## 304                        Right-sized multi-tasking solution
## 305                      Vision-oriented optimizing middleware
## 306                        Proactive context-sensitive project
## 307                               Managed eco-centric encoding
## 308                          Visionary multi-tasking alliance
## 309                            Ameliorated tangible hierarchy
## 310                                Extended interactive model
## 311                          Universal bi-directional extranet
## 312                                 Enhanced maximized access
## 313                           Upgradable even-keeled challenge
## 314                       Synchronized national infrastructure
## 315                     Re-contextualized systemic time-frame
## 316                           Horizontal national architecture
## 317                          Reactive bi-directional workforce
## 318                          Horizontal transitional challenge
## 319                              Re-engineered neutral success
## 320                  Adaptive contextually-based methodology
## 321                               Configurable dynamic adapter
## 322                          Multi-lateral empowering throughput
## 323                          Fundamental zero tolerance solution
## 324                              Proactive asymmetric definition
## 325             Pre-emptive zero tolerance Local Area Network
```

```
## 326                 Self-enabling incremental collaboration
## 327                        Exclusive even-keeled moratorium
## 328                        Reduced incremental productivity
## 329                      Realigned scalable standardization
## 330               Secured scalable Graphical User Interface
## 331             Team-oriented context-sensitive installation
## 332              Pre-emptive systematic budgetary management
## 333             Fully-configurable high-level implementation
## 334                           Profound maximized workforce
## 335               Cross-platform 4thgeneration focus group
## 336               Optional mission-critical functionalities
## 337                        Multi-layered tangible portal
## 338                             Reduced mobile structure
## 339               Enhanced zero tolerance Graphic Interface
## 340                     De-engineered tertiary secured line
## 341           Reverse-engineered well-modulated capability
## 342                   Integrated coherent pricing structure
## 343                    Realigned next generation projection
## 344                    Reactive needs-based instruction set
## 345                   User-friendly well-modulated leverage
## 346                     Function-based fault-tolerant model
## 347                     Decentralized needs-based analyzer
## 348                              Phased analyzing emulation
## 349        Multi-layered fresh-thinking process improvement
## 350                   Upgradable directional system engine
## 351                    Persevering eco-centric flexibility
## 352                                      Inverse local hub
## 353          Triple-buffered needs-based Local Area Network
## 354                      Centralized multi-state hierarchy
## 355                  Public-key non-volatile implementation
## 356                           Synergized coherent interface
## 357                           Horizontal high-level concept
## 358                              Reduced multimedia project
## 359                    Object-based modular functionalities
## 360                     Polarized multimedia system engine
## 361                          Versatile reciprocal structure
## 362                    Upgradable multi-tasking initiative
## 363             Configurable tertiary budgetary management
## 364                           Adaptive asynchronous attitude
## 365               Face-to-face mission-critical definition
## 366                Inverse zero tolerance customer loyalty
## 367                              Centralized 24hour synergy
## 368                     Face-to-face analyzing encryption
## 369                   Self-enabling even-keeled methodology
## 370                      Function-based optimizing extranet
## 371                          Organic asynchronous hierarchy
## 372                   Automated client-driven orchestration
## 373                         Public-key zero-defect analyzer
## 374                    Proactive client-server productivity
## 375                              Cloned incremental matrices
## 376               Open-architected system-worthy task-force
## 377                           Devolved regional moderator
## 378                         Balanced value-added database
## 379                  Seamless composite budgetary management
```

```
## 380                            Total cohesive moratorium
## 381                      Integrated motivating neural-net
## 382                        Exclusive zero tolerance frame
## 383                          Operative scalable emulation
## 384                      Enhanced asymmetric installation
## 385                   Face-to-face reciprocal methodology
## 386                       Robust responsive collaboration
## 387                              Polarized logistical hub
## 388                      Intuitive zero-defect framework
## 389                           Reactive composite project
## 390                      Upgradable even-keeled hardware
## 391                     Future-proofed responsive matrix
## 392                    Programmable empowering middleware
## 393                       Robust dedicated system engine
## 394                     Public-key mission-critical core
## 395                     Operative actuating installation
## 396          Self-enabling asynchronous knowledge user
## 397                                Configurable 24/7 hub
## 398                   Versatile responsive knowledge user
## 399                          Managed impactful definition
## 400                    Grass-roots 4thgeneration forecast
## 401                 Focused 3rdgeneration pricing structure
## 402                      Mandatory dedicated data-warehouse
## 403                               Proactive radical support
## 404                   Re-engineered responsive definition
## 405                       Profound optimizing utilization
## 406                            Cloned explicit middleware
## 407                 Multi-channeled mission-critical success
## 408                         Versatile content-based protocol
## 409                         Seamless cohesive conglomeration
## 410                       De-engineered actuating hierarchy
## 411                          Balanced motivating help-desk
## 412                          Inverse high-level capability
## 413                  Cross-platform client-server hierarchy
## 414                               Sharable optimal capacity
## 415                        Face-to-face multimedia success
## 416           Enterprise-wide incremental Internet solution
## 417                        Advanced systemic productivity
## 418                 Customizable mission-critical adapter
## 419                           Horizontal heuristic synergy
## 420                      Multi-tiered multi-state moderator
## 421                   Re-contextualized reciprocal interface
## 422                   Organized demand-driven knowledgebase
## 423                                   Total local synergy
## 424              User-friendly bandwidth-monitored attitude
## 425          Re-engineered context-sensitive knowledge user
## 426                           Total user-facing hierarchy
## 427           Balanced contextually-based pricing structure
## 428                   Inverse bi-directional knowledge user
## 429                         Networked even-keeled workforce
## 430                   Right-sized transitional parallelism
## 431           Customer-focused system-worthy superstructure
## 432                        Balanced 4thgeneration success
## 433                       Cross-group value-added success
```

```
## 434                    Visionary client-driven installation
## 435                Switchable well-modulated infrastructure
## 436                         Upgradable asymmetric emulation
## 437                       Configurable tertiary capability
## 438                     Monitored dynamic instruction set
## 439                           Robust web-enabled attitude
## 440                 Customer-focused full-range neural-net
## 441          Universal transitional Graphical User Interface
## 442                    User-centric intangible contingency
## 443                Configurable disintermediate throughput
## 444                        Automated web-enabled migration
## 445                Triple-buffered 3rdgeneration migration
## 446              Universal contextually-based system engine
## 447                                Optional secondary access
## 448                     Quality-focused scalable utilization
## 449                           Team-oriented dynamic forecast
## 450                             Horizontal heuristic support
## 451         Customer-focused zero-defect process improvement
## 452                              Focused systemic benchmark
## 453                       Seamless impactful info-mediaries
## 454                             Advanced heuristic firmware
## 455        Fully-configurable client-driven customer loyalty
## 456                              Cross-group neutral synergy
## 457                                Organized 24/7 middleware
## 458                     Networked stable open architecture
## 459                    Customizable systematic service-desk
## 460                  Function-based directional productivity
## 461                                    Networked stable array
## 462                               Phased full-range hardware
## 463                              Organized empowering policy
## 464               Object-based system-worthy superstructure
## 465                               Profound explicit hardware
## 466                  Self-enabling multimedia system engine
## 467                              Polarized analyzing intranet
## 468      Vision-oriented attitude-oriented Internet solution
## 469                       Digitized disintermediate ability
## 470                             Intuitive explicit firmware
## 471                         Public-key real-time definition
## 472                  Monitored content-based implementation
## 473         Quality-focused zero-defect budgetary management
## 474                       Intuitive fresh-thinking moderator
## 475                       Reverse-engineered 24hour hardware
## 476                     Synchronized zero tolerance product
## 477                           Reactive interactive protocol
## 478                 Focused fresh-thinking Graphic Interface
## 479                             Ameliorated exuding solution
## 480                          Integrated maximized service-desk
## 481                           Self-enabling tertiary challenge
## 482                  Decentralized foreground infrastructure
## 483                               Quality-focused hybrid frame
## 484                            Realigned reciprocal framework
## 485                             Distributed maximized ability
## 486                                Polarized bifurcated array
## 487                         Progressive asynchronous adapter
```

```
## 488                    Business-focused high-level hardware
## 489                  Fully-configurable holistic throughput
## 490             Ameliorated contextually-based collaboration
## 491                 Progressive uniform budgetary management
## 492                        Synergistic stable infrastructure
## 493                Reverse-engineered content-based intranet
## 494                    Expanded zero administration attitude
## 495                    Team-oriented 6thgeneration extranet
## 496                      Managed disintermediate capability
## 497                                Front-line dynamic model
## 498                             Innovative regional structure
## 499                Function-based incremental standardization
## 500                             Universal asymmetric workforce
## 501                   Business-focused client-driven forecast
## 502                                Realigned global initiative
## 503                   Business-focused maximized complexity
## 504                             Open-source global strategy
## 505                        Stand-alone motivating moratorium
## 506                            Grass-roots multimedia policy
## 507                               Upgradable local migration
## 508                     Profound bottom-line standardization
## 509                             Managed client-server access
## 510                    Cross-platform directional intranet
## 511                              Horizontal modular success
## 512                    Vision-oriented multi-tasking success
## 513                             Optional multi-state hardware
## 514                       Upgradable heuristic system engine
## 515                       Future-proofed modular utilization
## 516                        Synergistic dynamic orchestration
## 517                            Multi-layered stable encoding
## 518                     Team-oriented zero-defect initiative
## 519                           Polarized 5thgeneration matrix
## 520   Fully-configurable context-sensitive Graphic Interface
## 521                       Progressive intermediate throughput
## 522                             Customizable holistic archive
## 523                          Compatible intermediate concept
## 524                     Assimilated next generation firmware
## 525                       Total zero administration software
## 526                         Re-engineered impactful software
## 527                      Business-focused background synergy
## 528             Future-proofed coherent budgetary management
## 529                             Ergonomic methodical encoding
## 530                          Compatible dedicated productivity
## 531                             Up-sized real-time methodology
## 532                    Up-sized next generation architecture
## 533                          Managed 6thgeneration hierarchy
## 534                                  Organic motivating model
## 535                       Pre-emptive transitional protocol
## 536              Managed attitude-oriented Internet solution
## 537                             Public-key asynchronous matrix
## 538                          Grass-roots systematic hardware
## 539                       User-centric composite contingency
## 540                    Up-sized bi-directional infrastructure
## 541                              Assimilated actuating policy
```

```
## 542                  Organized upward-trending contingency
## 543                              Ergonomic neutral portal
## 544                   Adaptive demand-driven knowledgebase
## 545                Reverse-engineered maximized focus group
## 546                        Switchable analyzing encryption
## 547           Public-key intangible Graphical User Interface
## 548                              Advanced local task-force
## 549                         Profound well-modulated array
## 550                Multi-channeled asymmetric installation
## 551                Multi-layered fresh-thinking neural-net
## 552                         Distributed cohesive migration
## 553                           Programmable uniform website
## 554                            Object-based neutral policy
## 555                             Horizontal global leverage
## 556                   Synchronized grid-enabled moratorium
## 557                            Adaptive uniform capability
## 558                         Total grid-enabled application
## 559                           Optional regional throughput
## 560                    Integrated client-server definition
## 561                         Fundamental methodical support
## 562                        Synergistic reciprocal attitude
## 563                      Managed 5thgeneration time-frame
## 564                  Vision-oriented uniform knowledgebase
## 565                            Multi-tiered stable leverage
## 566                Down-sized explicit budgetary management
## 567                   Cross-group human-resource time-frame
## 568                     Business-focused holistic benchmark
## 569                        Virtual 5thgeneration neural-net
## 570                    Distributed scalable orchestration
## 571                         Realigned intangible benchmark
## 572                            Virtual impactful algorithm
## 573                Public-key solution-oriented focus group
## 574                         Phased clear-thinking encoding
## 575                  Grass-roots mission-critical emulation
## 576                         Proactive encompassing paradigm
## 577                     Automated object-oriented firmware
## 578              User-friendly content-based customer loyalty
## 579                           Universal incremental array
## 580                             Reactive national success
## 581                         Automated multi-state toolset
## 582                          Managed didactic flexibility
## 583                   Cross-platform neutral system engine
## 584                               Focused high-level frame
## 585                          Seamless motivating approach
## 586                           Enhanced systematic adapter
## 587                   Networked regional Local Area Network
## 588                        Total human-resource flexibility
## 589                    Assimilated homogeneous service-desk
## 590                      Ergonomic zero tolerance encoding
## 591                    Cross-platform zero-defect structure
## 592                         Innovative maximized groupware
## 593                      Face-to-face executive encryption
## 594                      Monitored local Internet solution
## 595                           Phased hybrid superstructure
```

```
## 596                    User-friendly grid-enabled analyzer
## 597                        Pre-emptive neutral contingency
## 598                     User-friendly impactful time-frame
## 599         Customizable methodical Graphical User Interface
## 600              Cross-platform logistical pricing structure
## 601                                 Inverse discrete extranet
## 602                          Open-source even-keeled database
## 603                               Diverse background ability
## 604               Multi-tiered foreground Graphic Interface
## 605                       Customizable hybrid system engine
## 606                          Horizontal incremental website
## 607                          Front-line systemic capability
## 608                  Fully-configurable foreground solution
## 609                                 Digitized radical array
## 610                  Team-oriented transitional methodology
## 611             Future-proofed fresh-thinking conglomeration
## 612                Operative multi-tasking Graphic Interface
## 613                               Implemented discrete frame
## 614                           Ameliorated exuding encryption
## 615                        Programmable high-level benchmark
## 616                      Sharable multimedia conglomeration
## 617                  Team-oriented high-level orchestration
## 618                         Grass-roots empowering paradigm
## 619                Robust object-oriented Graphic Interface
## 620                            Switchable secondary ability
## 621                  Open-architected web-enabled benchmark
## 622                           Compatible scalable emulation
## 623                            Seamless optimal contingency
## 624                         Secured secondary superstructure
## 625                                  Automated mobile model
## 626                    Re-engineered non-volatile neural-net
## 627                     Implemented disintermediate attitude
## 628                     Configurable interactive contingency
## 629                             Optimized systemic capability
## 630                  Front-line non-volatile implementation
## 631                                  Ergonomic 24/7 solution
## 632             Integrated grid-enabled budgetary management
## 633                         Profit-focused systemic support
## 634                       Right-sized system-worthy project
## 635             Proactive actuating Graphical User Interface
## 636                         Versatile optimizing projection
## 637                      Universal multi-state system engine
## 638                            Secured intermediate approach
## 639                    Operative didactic Local Area Network
## 640                         Phased content-based middleware
## 641              Triple-buffered high-level Internet solution
## 642       Synergized well-modulated Graphical User Interface
## 643                  Implemented bottom-line implementation
## 644                  Monitored context-sensitive initiative
## 645                   Pre-emptive client-server open system
## 646               Seamless bandwidth-monitored knowledge user
## 647                               Ergonomic empowering frame
## 648           Reverse-engineered background Graphic Interface
## 649                         Synergistic non-volatile analyzer
```

```
## 650                          Object-based optimal solution
## 651                              Profound dynamic attitude
## 652                           Enhanced system-worthy toolset
## 653                     Reverse-engineered dynamic function
## 654                        Networked responsive application
## 655                         Distributed intangible database
## 656                            Multi-tiered mobile encoding
## 657                 Optional contextually-based flexibility
## 658                              Proactive local focus group
## 659                       Customer-focused impactful success
## 660                       Open-source optimizing parallelism
## 661                                Organic logistical adapter
## 662                   Stand-alone eco-centric system engine
## 663                User-centric intermediate knowledge user
## 664                          Programmable didactic capacity
## 665                        Enhanced regional conglomeration
## 666                         Total asynchronous architecture
## 667                       Secured upward-trending benchmark
## 668                        Customizable value-added project
## 669                          Integrated interactive support
## 670                            Reactive impactful challenge
## 671                         Switchable multi-state success
## 672                       Synchronized multi-tasking ability
## 673               Fundamental clear-thinking knowledgebase
## 674                  Multi-layered user-facing parallelism
## 675                           Front-line incremental access
## 676        Open-architected zero administration secured line
## 677                Mandatory disintermediate info-mediaries
## 678         Implemented context-sensitive Local Area Network
## 679                         Digitized interactive initiative
## 680                    Implemented asynchronous application
## 681                           Focused multi-state workforce
## 682                         Proactive secondary monitoring
## 683                    Front-line upward-trending groupware
## 684              Quality-focused 5thgeneration orchestration
## 685                         Multi-layered secondary software
## 686                            Total coherent superstructure
## 687                         Monitored executive architecture
## 688                               Front-line multi-state hub
## 689                  Configurable mission-critical algorithm
## 690                         Face-to-face responsive alliance
## 691                               Reduced holistic help-desk
## 692                          Pre-emptive content-based frame
## 693                           Optional full-range projection
## 694                           Expanded value-added emulation
## 695                         Organic well-modulated database
## 696                         Organic 3rdgeneration encryption
## 697                         Stand-alone empowering benchmark
## 698                           Monitored intermediate circuit
## 699                       Object-based leadingedge complexity
## 700                      Digitized zero-defect implementation
## 701                           Configurable impactful firmware
## 702                        Face-to-face dedicated flexibility
## 703                  Fully-configurable 5thgeneration circuit
```

```
## 704                       Configurable impactful capacity
## 705                  Distributed leadingedge orchestration
## 706                     Persistent even-keeled application
## 707                  Optimized attitude-oriented initiative
## 708                     Multi-channeled 3rdgeneration model
## 709                   Polarized mission-critical structure
## 710                       Virtual executive implementation
## 711                  Enhanced intermediate standardization
## 712                       Realigned tangible collaboration
## 713                              Cloned dedicated analyzer
## 714                  Ameliorated well-modulated complexity
## 715             Quality-focused bi-directional throughput
## 716              Versatile solution-oriented secured line
## 717               Phased leadingedge budgetary management
## 718                   Devolved exuding Local Area Network
## 719              Front-line bandwidth-monitored capacity
## 720             User-centric solution-oriented emulation
## 721                               Phased hybrid intranet
## 722           Monitored zero administration collaboration
## 723                 Team-oriented systematic installation
## 724                               Inverse national core
## 725                     Secured uniform instruction set
## 726                Quality-focused zero tolerance matrices
## 727                     Multi-tiered heuristic strategy
## 728                             Optimized static archive
## 729                    Advanced didactic conglomeration
## 730                     Synergistic discrete middleware
## 731                Pre-emptive client-server installation
## 732             Multi-channeled attitude-oriented toolset
## 733                        Decentralized 24hour approach
## 734                       Organic next generation matrix
## 735                  Multi-channeled non-volatile website
## 736                      Distributed bifurcated challenge
## 737             Customizable zero-defect Internet solution
## 738           Self-enabling zero administration neural-net
## 739                 Optimized upward-trending productivity
## 740                 Open-architected system-worthy ability
## 741                     Quality-focused maximized extranet
## 742                   Centralized client-driven workforce
## 743                De-engineered intangible flexibility
## 744                   Re-engineered intangible software
## 745            Sharable secondary Graphical User Interface
## 746                      Innovative homogeneous alliance
## 747                          Diverse leadingedge website
## 748                      Optimized intermediate help-desk
## 749                           Sharable reciprocal project
## 750                    Proactive interactive service-desk
## 751          Open-architected needs-based customer loyalty
## 752                      Multi-lateral motivating circuit
## 753                       Assimilated encompassing portal
## 754                      Cross-group global orchestration
## 755                   Down-sized bandwidth-monitored core
## 756                          Monitored explicit hierarchy
## 757                       Reactive demand-driven strategy
```

```
## 758                          Universal empowering adapter
## 759               Team-oriented bi-directional secured line
## 760                         Stand-alone radical throughput
## 761                         Inverse zero-defect capability
## 762                  Multi-tiered real-time implementation
## 763                           Front-line zero-defect array
## 764                       Mandatory 4thgeneration structure
## 765                 Synergistic asynchronous superstructure
## 766                  Vision-oriented system-worthy forecast
## 767                          Digitized radical architecture
## 768                  Quality-focused optimizing parallelism
## 769                           Exclusive discrete firmware
## 770                 Right-sized solution-oriented benchmark
## 771                           Assimilated stable encryption
## 772                       Configurable dynamic secured line
## 773                                Cloned optimal leverage
## 774             Decentralized client-driven data-warehouse
## 775                    Multi-tiered interactive neural-net
## 776                           Enhanced methodical database
## 777                       Ameliorated leadingedge help-desk
## 778             De-engineered attitude-oriented projection
## 779               Persevering 5thgeneration knowledge user
## 780                         Extended grid-enabled hierarchy
## 781                           Reactive tangible contingency
## 782              Decentralized attitude-oriented interface
## 783                         Mandatory coherent groupware
## 784                    Fully-configurable eco-centric frame
## 785                 Advanced disintermediate data-warehouse
## 786               Quality-focused zero-defect data-warehouse
## 787                    Cross-group non-volatile secured line
## 788                           Expanded modular application
## 789                Triple-buffered systematic info-mediaries
## 790                         Networked non-volatile synergy
## 791             Fully-configurable clear-thinking throughput
## 792                    Front-line actuating functionalities
## 793                           Compatible composite project
## 794              Customer-focused solution-oriented software
## 795                                Inverse stable synergy
## 796                     Pre-emptive well-modulated moderator
## 797                          Intuitive modular system engine
## 798                        Centralized value-added hierarchy
## 799                           Assimilated hybrid initiative
## 800                      Optimized coherent Internet solution
## 801                       Versatile 6thgeneration parallelism
## 802                       Configurable impactful productivity
## 803                             Operative full-range forecast
## 804                      Operative secondary functionalities
## 805                   Business-focused transitional solution
## 806       Ameliorated intermediate Graphical User Interface
## 807                                Managed 24hour analyzer
## 808                       Horizontal client-server database
## 809                            Implemented didactic support
## 810                              Digitized homogeneous core
## 811                           Robust holistic application
```

```
## 812                          Synergized uniform hierarchy
## 813                Pre-emptive client-driven secured line
## 814                        Front-line even-keeled website
## 815                Persistent fault-tolerant service-desk
## 816                          Integrated leadingedge frame
## 817                Ameliorated coherent open architecture
## 818                Vision-oriented bifurcated contingency
## 819                             Up-sized maximized model
## 820                          Organized global flexibility
## 821          Re-engineered zero-defect open architecture
## 822                       Balanced executive definition
## 823                Networked logistical info-mediaries
## 824                       Optimized multimedia website
## 825                           Focused coherent success
## 826                Robust context-sensitive neural-net
## 827               Intuitive zero administration adapter
## 828                     Synchronized full-range portal
## 829                    Integrated encompassing support
## 830                    Devolved human-resource circuit
## 831                 Grass-roots transitional flexibility
## 832                   Vision-oriented methodical support
## 833                       Integrated impactful groupware
## 834                     Face-to-face methodical intranet
## 835                     Fundamental tangible moratorium
## 836                  Balanced mobile Local Area Network
## 837                                  Realigned 24/7 core
## 838              Fully-configurable high-level groupware
## 839                       Ameliorated discrete extranet
## 840                    Centralized asynchronous portal
## 841                       Enhanced tertiary utilization
## 842              Balanced disintermediate conglomeration
## 843                       Sharable value-added solution
## 844                       Networked impactful framework
## 845                    Public-key impactful neural-net
## 846                       Innovative interactive portal
## 847                   Networked asymmetric infrastructure
## 848                       Assimilated discrete strategy
## 849                     Phased 5thgeneration open system
## 850                    Upgradable logistical flexibility
## 851                 Centralized user-facing service-desk
## 852                       Extended analyzing emulation
## 853                    Front-line methodical utilization
## 854                        Open-source scalable protocol
## 855                       Networked local secured line
## 856                Programmable empowering orchestration
## 857                         Enhanced systemic benchmark
## 858          Focused web-enabled Graphical User Interface
## 859                          Automated stable help-desk
## 860                           Managed national hardware
## 861                    Re-engineered composite moratorium
## 862                     Phased fault-tolerant definition
## 863          Pre-emptive next generation Internet solution
## 864                Reverse-engineered web-enabled support
## 865                    Horizontal intermediate monitoring
```

```
## 866          Intuitive transitional artificial intelligence
## 867      Business-focused asynchronous budgetary management
## 868                    Decentralized methodical capability
## 869                      Synergized intangible open system
## 870                    Stand-alone logistical service-desk
## 871                            Expanded full-range synergy
## 872                   Open-architected intangible strategy
## 873                           Diverse directional hardware
## 874                             Balanced discrete approach
## 875                           Total bi-directional success
## 876                 Object-based motivating instruction set
## 877                      Realigned intermediate application
## 878                          Sharable encompassing database
## 879                             Progressive 24/7 definition
## 880                    Pre-emptive next generation strategy
## 881                      Open-source 5thgeneration leverage
## 882                       Open-source holistic productivity
## 883                    Multi-channeled scalable moratorium
## 884                          Optional tangible productivity
## 885                             Up-sized intangible circuit
## 886                Virtual homogeneous budgetary management
## 887                               Phased zero-defect portal
## 888                             Optional modular throughput
## 889              Triple-buffered human-resource complexity
## 890                  Innovative cohesive pricing structure
## 891                     Function-based executive moderator
## 892                        Digitized content-based circuit
## 893                             Balanced uniform algorithm
## 894                  Triple-buffered foreground encryption
## 895                   Front-line system-worthy flexibility
## 896            Centralized clear-thinking Graphic Interface
## 897                     Optimized 5thgeneration moratorium
## 898                Fully-configurable asynchronous firmware
## 899                          Exclusive systematic algorithm
## 900                             Exclusive cohesive intranet
## 901          Vision-oriented asynchronous Internet solution
## 902                           Sharable 5thgeneration access
## 903           Monitored homogeneous artificial intelligence
## 904                               Monitored 24/7 moratorium
## 905                    Vision-oriented real-time framework
## 906                         Future-proofed stable function
## 907            Secured encompassing Graphical User Interface
## 908                       Right-sized logistical middleware
## 909                            Team-oriented executive core
## 910                 Vision-oriented next generation solution
## 911                               Enhanced optimizing website
## 912                      Reduced background data-warehouse
## 913                          Right-sized mobile initiative
## 914                      Synergized grid-enabled framework
## 915                            Open-source stable paradigm
## 916          Reverse-engineered context-sensitive emulation
## 917                    Public-key disintermediate emulation
## 918                         Up-sized bifurcated capability
## 919                       Stand-alone background open system
```

```
## 920                     Stand-alone explicit orchestration
## 921                  Configurable asynchronous application
## 922                        Upgradable 4thgeneration portal
## 923                       Networked client-server solution
## 924      Public-key bi-directional Graphical User Interface
## 925                Re-contextualized human-resource success
## 926                  Front-line fresh-thinking installation
## 927                              Balanced empowering success
## 928                                 Robust uniform framework
## 929                       Sharable upward-trending support
## 930                       Assimilated multi-state paradigm
## 931                           Self-enabling local strategy
## 932                             Open-source local approach
## 933                          Polarized intangible encoding
## 934                  Multi-lateral attitude-oriented adapter
## 935                     Multi-lateral 24/7 Internet solution
## 936                          Profit-focused secondary portal
## 937                       Reactive upward-trending migration
## 938          Customer-focused fault-tolerant implementation
## 939                    Customizable homogeneous contingency
## 940             Versatile next generation pricing structure
## 941                   Cross-group systemic customer loyalty
## 942               Face-to-face modular budgetary management
## 943                        Proactive non-volatile encryption
## 944                     Decentralized bottom-line help-desk
## 945                  Visionary mission-critical application
## 946                  User-centric attitude-oriented adapter
## 947                            User-centric discrete success
## 948                          Total even-keeled architecture
## 949                       Focused multimedia implementation
## 950                      Stand-alone well-modulated product
## 951             Ameliorated bandwidth-monitored contingency
## 952                        Streamlined homogeneous analyzer
## 953                                  Total coherent archive
## 954                             Front-line neutral alliance
## 955                       Virtual context-sensitive support
## 956                            Re-engineered optimal policy
## 957                             Implemented uniform synergy
## 958                       Horizontal even-keeled challenge
## 959                          Innovative regional groupware
## 960                  Exclusive multi-state Internet solution
## 961                         Mandatory empowering focus group
## 962                          Proactive 5thgeneration frame
## 963                  Automated full-range Internet solution
## 964                 Fully-configurable systemic productivity
## 965                     Multi-lateral multi-state encryption
## 966                                  Intuitive global website
## 967             Exclusive disintermediate Internet solution
## 968                        Ameliorated actuating workforce
## 969                     Synergized clear-thinking protocol
## 970                  Triple-buffered multi-state complexity
## 971                           Enhanced intangible portal
## 972                         Down-sized background groupware
## 973                            Switchable real-time product
```

```
## 974                             Ameliorated local workforce
## 975                            Streamlined exuding adapter
## 976                  Business-focused user-facing benchmark
## 977                 Reactive bi-directional standardization
## 978                               Virtual bifurcated portal
## 979                     Integrated 3rdgeneration monitoring
## 980                         Balanced responsive open system
## 981                   Focused incremental Graphic Interface
## 982                                 Secured 24hour policy
## 983                            Up-sized asymmetric firmware
## 984                 Distributed fault-tolerant service-desk
## 985                  Vision-oriented human-resource synergy
## 986                     Customer-focused explicit challenge
## 987                   Synchronized human-resource moderator
## 988                  Open-architected full-range projection
## 989                               Versatile local forecast
## 990                       Ameliorated user-facing help-desk
## 991                          Enterprise-wide tangible model
## 992                  Versatile mission-critical application
## 993                           Extended leadingedge solution
## 994                          Phased zero tolerance extranet
## 995                           Front-line bifurcated ability
## 996                           Fundamental modular algorithm
## 997                         Grass-roots cohesive monitoring
## 998                            Expanded intangible solution
## 999                    Proactive bandwidth-monitored policy
## 1000                        Virtual 5thgeneration emulation
##                          City Male
## 1                  Wrightburgh    0
## 2                    West Jodi    1
## 3                     Davidton    0
## 4               West Terrifurt    1
## 5                 South Manuel    0
## 6                    Jamieberg    1
## 7                  Brandonstad    0
## 8            Port Jefferybury    1
## 9                   West Colin    1
## 10                  Ramirezton    1
## 11            West Brandonton    0
## 12           East Theresashire    1
## 13              West Katiefurt    1
## 14                  North Tara    0
## 15                West William    0
## 16              New Travistown    1
## 17              West Dylanberg    0
## 18                 Pruittmouth    0
## 19                 Jessicastad    1
## 20                  Millertown    1
## 21            Port Jacqueline    1
## 22                 Lake Nicole    1
## 23                  South John    0
## 24                 Pamelamouth    1
## 25                Harperborough    0
## 26           Port Danielleberg    1
```

```
## 27           West Jeremyside    1
## 28           South Cathyfurt    0
## 29                Palmerside    0
## 30              West Guybury    0
## 31             Phelpschester    1
## 32         Lake Melindamouth    1
## 33        North Richardburgh    1
## 34               Port Cassie    0
## 35                New Thomas    1
## 36                   Johnstad    0
## 37             West Aprilport    1
## 38                  Kellytown    0
## 39               Charlesport    1
## 40             Millerchester    0
## 41            Mackenziemouth    0
## 42               Zacharystad    0
## 43              North Joshua    1
## 44                 Bowenview    0
## 45                 Jamesberg    0
## 46        Lake Cassandraport    1
## 47                New Sharon    1
## 48                  Johnport    0
## 49              Hamiltonfort    1
## 50          West Christopher    0
## 51               Hollandberg    1
## 52                 Odomville    0
## 53        East Samanthashire    1
## 54            South Lauraton    1
## 55               Amandahaven    0
## 56                Thomasview    0
## 57                Garciaside    0
## 58           Port Sarahshire    0
## 59              Port Gregory    0
## 60             Brendachester    0
## 61                   Lake Amy    0
## 62            Lake Annashire    1
## 63                Smithburgh    0
## 64           North Leonmouth    1
## 65                Robertfurt    0
## 66               Jasminefort    1
## 67             Jensenborough    0
## 68              Bradleyburgh    0
## 69                New Sheila    1
## 70              North Regina    0
## 71                Davidmouth    0
## 72           New Michaeltown    0
## 73                East Tammie    1
## 74                Wilcoxport    1
## 75         East Michaelmouth    1
## 76          East Tiffanyport    0
## 77              Ramirezhaven    1
## 78                Cranemouth    1
## 79               Lake Edward    1
## 80            Lake Conniefurt    0
```

```
## 81         East Shawnchester    1
## 82                West Joseph    1
## 83      Lake Christopherfurt    0
## 84           East Tylershire    0
## 85                 Sharpberg    0
## 86               Lake Dustin    0
## 87            North Kristine    0
## 88                Grahamberg    1
## 89                  New Tina    0
## 90                Nelsonfurt    1
## 91           Christopherport    0
## 92           Port Sarahhaven    0
## 93            Bradleyborough    1
## 94                 Whiteport    1
## 95               New Theresa    1
## 96                  Wongland    0
## 97              Williammouth    1
## 98           Williamsborough    0
## 99             North Michael    0
## 100          Benjaminchester    1
## 101           Hernandezville    0
## 102               Youngburgh    1
## 103           Wallacechester    0
## 104             Sanchezmouth    1
## 105          Bradshawborough    0
## 106                 Amyhaven    1
## 107              Marcushaven    1
## 108                  Erinton    0
## 109               Hughesport    0
## 110                  Johnstad    0
## 111           New Lucasburgh    0
## 112             Michelleside    1
## 113              Andersonton    0
## 114                New Rachel    1
## 115                Port Susan    1
## 116          West Angelabury    1
## 117  Port Christopherborough    0
## 118             Phillipsbury    1
## 119               Millerside    0
## 120             Lake Jessica    0
## 121               Lopezmouth    1
## 122                  Johnsport    0
## 123             South Ronald    0
## 124             South Daniel    0
## 125              Suzannetown    0
## 126                 Lisaberg    0
## 127                Brianfurt    0
## 128              Stewartbury    0
## 129          Benjaminchester    0
## 130      North Wesleychester    0
## 131        East Michelleberg    0
## 132                Port Eric    0
## 133              Timothyfurt    0
## 134             Port Jeffrey    0
```

```
## 135              Guzmanland    0
## 136            East Michele    1
## 137               East John    0
## 138              Lesliebury    1
## 139           Patriciahaven    1
## 140           Ashleychester    1
## 141           Lake Josetown    0
## 142              Debraburgh    1
## 143          New Debbiestad    1
## 144              West Shaun    1
## 145           Kimberlyhaven    0
## 146           Port Lawrence    1
## 147            West Ricardo    1
## 148               Lake Jose    1
## 149             Heatherberg    0
## 150            South George    0
## 151             Tinachester    1
## 152               Port Jodi    0
## 153           Jonathantown    1
## 154             Sylviaview    0
## 155        East Timothyport    1
## 156            West Roytown    1
## 157               Codyburgh    0
## 158          Port Erikhaven    1
## 159         Port Chasemouth    1
## 160              Ramirezside    0
## 161        East Michaeltown    1
## 162           West Courtney    1
## 163       West Michaelhaven    0
## 164              Walshhaven    0
## 165         East Rachelview    0
## 166              Curtisport    0
## 167               Frankbury    0
## 168            Timothytown    1
## 169           Samanthaland    1
## 170          South Jennifer    0
## 171             Kyleborough    1
## 172             North Randy    1
## 173      South Daniellefort    0
## 174              Dianashire    0
## 175               East Eric    0
## 176            Hammondport    0
## 177               Jacobstad    0
## 178           Hernandezfort    0
## 179                Joneston    1
## 180      New Jeffreychester    0
## 181            East Stephen    0
## 182           Turnerchester    0
## 183              Youngfort    0
## 184             Ingramberg    1
## 185        South Denisefurt    0
## 186        Port Melissaberg    0
## 187              Bernardton    1
## 188            Port Mathew    1
```

```
## 189              Aliciatown    0
## 190              Josephstad    0
## 191           West Ericfurt    0
## 192          New Brendafurt    0
## 193              Port Julie    1
## 194        South Tiffanyton    1
## 195         North Elizabeth    1
## 196               Kentmouth    0
## 197              West Casey    1
## 198              East Henry    1
## 199               Hollyfurt    1
## 200              North Anna    0
## 201            Port Destiny    0
## 202                Ianmouth    1
## 203          North Johntown    1
## 204              Hannahside    1
## 205            Wilsonburgh    0
## 206    North Russellborough    0
## 207            Murphymouth    0
## 208            Carterburgh    1
## 209               Penatown    0
## 210             Joechester    1
## 211              East Paul    1
## 212         Hartmanchester    0
## 213           Mcdonaldfort    1
## 214          North Mercedes    1
## 215              Taylorberg    0
## 216            Hansenmouth    0
## 217              Bradyfurt    1
## 218       West Jessicahaven    0
## 219           Davilachester    0
## 220       North Ricardotown    0
## 221             Melissafurt    0
## 222          East Brianberg    0
## 223              Millerbury    0
## 224              Garciaview    0
## 225            Townsendfurt    0
## 226              Williamstad    0
## 227              West Connor    0
## 228              West Justin    0
## 229              Robertbury    0
## 230          New Tinamouth    0
## 231              Turnerview    1
## 232            Reneechester    1
## 233          West Tinashire    0
## 234               Jamesfurt    0
## 235               New Nancy    1
## 236               Lisamouth    1
## 237              Harveyport    0
## 238               Ramosstad    0
## 239         North Kevinside    0
## 240                Haleview    1
## 241           Christinetown    0
## 242             New Michael    1
```

```
## 243              Jonesland    1
## 244          North Shannon    0
## 245          New Sonialand    1
## 246             Port Jason    1
## 247           East Barbara    1
## 248          Port Erinberg    1
## 249           Petersonfurt    0
## 250          New Lindaberg    0
## 251           West Russell    0
## 252             South Adam    1
## 253        North Tracyport    1
## 254              Brownport    1
## 255          Port Crystal    0
## 256             Masonhaven    0
## 257          Derrickhaven    0
## 258             Olsonstad    1
## 259           New Brandy    0
## 260      South Jasminebury    0
## 261           East Timothy    0
## 262         Charlottefort    0
## 263       Lake Beckyburgh    1
## 264       West Lindseybury    0
## 265            West Alyssa    0
## 266       Lake Craigview    1
## 267            Lake David    0
## 268            Bruceburgh    0
## 269       South Lauratown    1
## 270            Port Robin    0
## 271          Jacksonburgh    1
## 272             Erinmouth    1
## 273       Port Aliciabury    0
## 274     Port Whitneyhaven    0
## 275          Jeffreyshire    0
## 276                Tinaton    0
## 277       North Loriburgh    0
## 278              Wendyton    1
## 279       Lake Jacqueline    1
## 280     North Christopher    1
## 281         Alexanderfurt    0
## 282           West Pamela    0
## 283           West Amanda    0
## 284          South Tomside    0
## 285              Bethburgh    1
## 286             Jamiefort    1
## 287           Garciamouth    0
## 288           West Brenda    0
## 289            South Kyle    0
## 290             Combsstad    0
## 291       Lake Allenville    0
## 292         Greenechester    0
## 293             Jordantown    1
## 294             Gravesport    0
## 295             South Troy    1
## 296          Lake Patrick    1
```

```
## 297              Millerland    0
## 298       Port Jessicamouth    0
## 299                Paulport    0
## 300              Clineshire    1
## 301             Cynthiaside    0
## 302               Port Juan    0
## 303           Michellefort    0
## 304        Port Angelamouth    1
## 305            Jessicahaven    0
## 306            North Daniel    1
## 307                New Juan    0
## 308                 Amyfurt    0
## 309             Harrishaven    0
## 310              Roberttown    0
## 311             Jeremyshire    1
## 312               Birdshire    0
## 313              New Amanda    0
## 314              Curtisview    1
## 315            Jacksonmouth    0
## 316              North April    0
## 317              Hayesmouth    0
## 318             South Corey    1
## 319               Juliaport    0
## 320           Port Paultown    0
## 321        East Vincentstad    0
## 322            Kimberlytown    0
## 323               New Steve    1
## 324            New Johnberg    0
## 325                Shawstad    0
## 326             New Rebecca    0
## 327            Jeffreyburgh    1
## 328               Faithview    0
## 329          Richardsontown    0
## 330         Port Brookeland    0
## 331    East Christopherbury    0
## 332     Port Christinemouth    0
## 333            South Meghan    1
## 334                Hessstad    1
## 335          Rhondaborough    1
## 336             Lewismouth    1
## 337                New Paul    0
## 338             Lake Angela    1
## 339          East Graceland    1
## 340                Hartport    0
## 341      East Yvonnechester    0
## 342             Burgessside    0
## 343          Hurleyborough    0
## 344            Garychester    1
## 345          East Kevinbury    1
## 346          Contrerasshire    1
## 347              Erikville    0
## 348          Robertsonburgh    1
## 349                Karenton    0
## 350       Port Kathleenfort    0
```

```
## 351              Lake Adrian    0
## 352               New Sheila    1
## 353                Mollyport    0
## 354               Sandraland    1
## 355             Charlenetown    0
## 356              Luischester    1
## 357        South Johnnymouth    0
## 358                Hannaport    0
## 359             East Anthony    0
## 360         West Daleborough    0
## 361              Morrismouth    1
## 362         North Andrewstad    1
## 363              Wrightburgh    1
## 364               West Tanya    1
## 365                Novaktown    1
## 366             Timothymouth    1
## 367              Robertmouth    1
## 368           Stephenborough    0
## 369           Lake Kurtmouth    0
## 370               Lauraburgh    1
## 371               Rogerburgh    0
## 372                Davidside    1
## 373              West Thomas    0
## 374         Andersonchester    0
## 375        North Ronaldshire    1
## 376                Greghaven    1
## 377              Jordanmouth    1
## 378               Meyersstad    0
## 379             Michelleside    0
## 380              South Robert    1
## 381                 New Tyler    0
## 382              Jordanshire    1
## 383                Reyesland    0
## 384           New Traceystad    1
## 385               Port Brian    0
## 386            Lake Courtney    0
## 387            Samuelborough    1
## 388           Christinehaven    1
## 389               Thomasstad    1
## 390              Kristintown    0
## 391                New Wanda    1
## 392                Mariebury    0
## 393         Christopherville    1
## 394              New Jasmine    0
## 395                Lopezberg    1
## 396            Jenniferstad    1
## 397         West Eduardotown    1
## 398                Davisfurt    0
## 399               Bakerhaven    1
## 400                Paulshire    1
## 401                West Jane    1
## 402               Lake Brian    0
## 403            Alvaradoport    0
## 404              Lake Kevin    0
```

```
## 405           Richardsonland    1
## 406          East Sheriville    0
## 407       Port Michealburgh     1
## 408              Monicaview     0
## 409               Katieport     0
## 410      East Brittanyville     0
## 411        West Travismouth     0
## 412             Leonchester     0
## 413             Ramirezland     1
## 414                Brownton     0
## 415         New Jessicaport     1
## 416          New Denisebury     1
## 417               Keithtown     0
## 418        Port Melissastad     1
## 419              Janiceview     1
## 420                Mataberg     1
## 421        West Melaniefurt     1
## 422              Millerfort     1
## 423           Alexanderview     1
## 424              South Jade     0
## 425              Lake Susan     1
## 426    South Vincentchester     1
## 427           Williamsmouth     1
## 428              Taylorport     0
## 429            Williamsport     0
## 430              Emilyfurt     1
## 431               East John     1
## 432       East Deborahhaven     1
## 433        Port Katelynview     0
## 434              Paulhaven     1
## 435          Elizabethmouth     1
## 436              Lake Jesus     0
## 437         North Tylerland     1
## 438              Munozberg     0
## 439         North Maryland     1
## 440            West Barbara     0
## 441          Andrewborough     0
## 442             New Gabriel     0
## 443        Port Patrickton     1
## 444              West Julia     1
## 445         New Keithburgh     0
## 446           Richardsland     1
## 447      North Aaronchester     1
## 448        Lake Matthewland     0
## 449               Kevinberg     0
## 450              Morganfort     1
## 451               Lovemouth     0
## 452             Taylorhaven     0
## 453               Jamesville     0
## 454           East Toddfort     1
## 455               East Dana     1
## 456              West Lucas     0
## 457              Butlerfort     0
## 458               Lindaside     1
```

```
## 459        West Chloeborough    1
## 460                 Jayville    1
## 461             East Lindsey    1
## 462              Masseyshire    0
## 463                 Sarahton    1
## 464                Ryanhaven    1
## 465        Lake Deborahburgh    1
## 466         New Williammouth    1
## 467               Port Blake    0
## 468             West Richard    1
## 469              Brandymouth    0
## 470              Sandraville    1
## 471             Port Jessica    0
## 472        Lake Jasonchester    0
## 473              Pearsonfort    0
## 474              Sellerstown    0
## 475                    Yuton    0
## 476                Smithtown    1
## 477                Joanntown    1
## 478              South Peter    1
## 479            Port Mitchell    1
## 480              Pottermouth    1
## 481        Lake Jonathanview    1
## 482                 Alanview    1
## 483              Carterport    0
## 484         New Daniellefort    1
## 485              Welchshire    0
## 486             Russellville    1
## 487                West Lisa    1
## 488                Greentown    0
## 489              Timothyport    0
## 490              Teresahaven    1
## 491      Lake Stephenborough    0
## 492                 Silvaton    0
## 493         West Michaelstad    1
## 494               Florestown    0
## 495                  New Jay    1
## 496        North Lisachester    0
## 497               Port Stacy    1
## 498                Jensenton    0
## 499          North Alexandra    0
## 500                Rivasland    0
## 501             Helenborough    0
## 502                Garnerberg    0
## 503            North Anaport    0
## 504              Pattymouth    0
## 505      South Alexisborough    0
## 506            East Jennifer    1
## 507                 Hallfort    0
## 508       New Charleschester    0
## 509         East Breannafurt    0
## 510           East Susanland    1
## 511                Estesfurt    0
## 512              Shirleyfort    1
```

```
## 513             Douglasview    1
## 514              South Lisa    1
## 515               Kingshire    0
## 516            Rebeccamouth    1
## 517               Brownbury    1
## 518              South Aaron    0
## 519            North Andrew    1
## 520            South Walter    1
## 521           Catherinefort    0
## 522              East Donna    1
## 523            East Timothy    1
## 524          North Kimberly    0
## 525     South Stephanieport    1
## 526     North Isabellaville    0
## 527        North Aaronburgh    0
## 528             Port James    1
## 529             Danielview    0
## 530            Port Stacey    1
## 531          West Kevinfurt    1
## 532          Lake Jennifer    1
## 533              Reyesfurt    0
## 534         West Carmenfurt    1
## 535     North Stephanieberg    0
## 536            East Valerie    1
## 537            Sherrishire    0
## 538            Port Daniel    0
## 539              Brownview    0
## 540               Greerton    1
## 541           Hatfieldshire    1
## 542              Brianabury    1
## 543               New Maria    0
## 544               Colebury    1
## 545              Calebberg    0
## 546               Lake Ian    0
## 547              Gomezport    0
## 548              Shaneland    0
## 549              East Aaron    0
## 550          Dustinborough    1
## 551       East Michaelland    0
## 552            East Connie    1
## 553           West Shannon    0
## 554         North Lauraland    1
## 555       Port Christopher    1
## 556       South Patrickfort    0
## 557         East Georgeside    1
## 558             Charlesbury    0
## 559              Millertown    1
## 560            South Renee    1
## 561       South Jackieberg    0
## 562             Loriville    1
## 563             Amandaland    1
## 564         West Robertside    0
## 565         North Sarashire    0
## 566              Port Maria    1
```

```
## 567           East Jessefort    0
## 568             Port Anthony    0
## 569              Edwardmouth    1
## 570            Dustinchester    1
## 571                Rochabury    0
## 572             Williamsport    1
## 573               Austinland    0
## 574              Lake Gerald    1
## 575               Wrightview    0
## 576               Perryburgh    0
## 577               Tracyhaven    1
## 578          South Jaimeview    0
## 579               Sandersland    1
## 580      South Meredithmouth    0
## 581          Richardsonshire    0
## 582            Kimberlymouth    0
## 583            Meghanchester    0
## 584               Tammyshire    0
## 585               Millerbury    1
## 586       Lake Elizabethside    1
## 587            Villanuevaton    0
## 588                Greerport    0
## 589          North Garyhaven    0
## 590               East Sharon    0
## 591            Johnstonmouth    0
## 592         East Heatherside    0
## 593             Lake Patrick    1
## 594          Richardsonmouth    0
## 595            Jenniferhaven    1
## 596                Boyerberg    1
## 597              Port Elijah    1
## 598              Knappburgh    1
## 599             New Dawnland    0
## 600             Chapmanmouth    0
## 601               Robertside    1
## 602        West Raymondmouth    1
## 603               Costaburgh    1
## 604             Kristineberg    1
## 605              Sandrashire    1
## 606             Andersonfurt    1
## 607                 Tranland    0
## 608              Michaelland    1
## 609         East Rachaelfurt    1
## 610            Lake Johnbury    1
## 611            Elizabethstad    0
## 612                West Brad    1
## 613            Johnstonshire    1
## 614             Lake Timothy    1
## 615              Anthonyfurt    0
## 616            East Brettton    0
## 617              New Matthew    1
## 618       Christopherchester    0
## 619                Westshire    0
## 620              Alexisland    0
```

```
## 621             Kevinchester    1
## 622        New Patriciashire    1
## 623              Port Brenda    1
## 624           Port Brianfort    1
## 625              Portermouth    1
## 626            Hubbardmouth    1
## 627             South Brian    1
## 628            Hendrixmouth    1
## 629                Julietown    0
## 630                 Lukeport    1
## 631                New Shane    1
## 632           Lake Jillville    1
## 633              Johnsonfort    0
## 634                Adamsbury    0
## 635             East Maureen    1
## 636         North Angelastad    0
## 637               Amandafort    0
## 638            Michaelmouth    1
## 639              Ronaldport    0
## 640           Port Davidland    0
## 641             Isaacborough    1
## 642             Lake Michael    0
## 643        West Michaelshire    0
## 644          Port Calvintown    0
## 645              Parkerhaven    0
## 646                Markhaven    1
## 647            Estradashire    0
## 648                Brianland    1
## 649           Cassandratown    0
## 650           West Dannyberg    0
## 651        East Debraborough    0
## 652             Frankchester    1
## 653                 Lisafort    1
## 654            Colemanshire    0
## 655                Troyville    1
## 656                Hobbsbury    0
## 657            Harrisonmouth    1
## 658          Port Eugeneport    1
## 659              Karenmouth    0
## 660             Brendaburgh    1
## 661        New Christinatown    0
## 662               Jacksonstad    1
## 663           South Margaret    1
## 664          Port Georgebury    0
## 665          New Jessicaport    0
## 666              Sanderstown    1
## 667                Perezland    1
## 668                 Luisfurt    0
## 669            New Karenberg    1
## 670             West Leahton    0
## 671             West Sharon    0
## 672                Klineside    1
## 673             Lake Cynthia    0
## 674       South Cynthiashire    1
```

```
## 675              Lake Jacob    0
## 676           West Samantha    1
## 677              Jeremybury    1
## 678             Blevinstown    1
## 679            Meyerchester    0
## 680             Reginamouth    0
## 681             Donaldshire    1
## 682             Salazarbury    1
## 683         Lake Joshuafurt    1
## 684             Wintersfort    0
## 685              Jamesmouth    0
## 686              Laurieside    1
## 687             Andrewmouth    1
## 688             West Angela    1
## 689             East Carlos    0
## 690             Kennedyfurt    1
## 691              Blairville    0
## 692          East Donnatown    1
## 693             Matthewtown    1
## 694             Brandonbury    0
## 695           New Jamestown    1
## 696             Mosleyburgh    0
## 697                Leahside    0
## 698          West Wendyland    0
## 699         Lawrenceborough    0
## 700             Kennethview    0
## 701          West Mariafort    1
## 702         Port Sherrystad    0
## 703       West Melissashire    1
## 704              Pamelamouth    0
## 705              Lesliefort    0
## 706               Shawnside    1
## 707             Josephmouth    0
## 708              Garciatown    0
## 709              Chaseshire    1
## 710             Destinyfurt    0
## 711                 Mezaton    0
## 712              New Kayla    1
## 713             Carsonshire    1
## 714         Jacquelineshire    1
## 715         South Blakestad    1
## 716              North Mark    0
## 717             Kingchester    1
## 718               Evansfurt    0
## 719         South Adamhaven    1
## 720         Brittanyborough    0
## 721             Barbershire    0
## 722           East Ericport    1
## 723            Crawfordfurt    1
## 724             Turnerville    0
## 725               Kylieview    1
## 726     West Zacharyborough    0
## 727              Watsonfort    1
## 728                  Dayton    1
```

```
## 729             Nicholasport    1
## 730              Whitneyfort    1
## 731              Coffeytown     1
## 732           North Johnside    1
## 733             Robinsonland    0
## 734               Lake David    1
## 735           West Ericaport    0
## 736                Haleberg     0
## 737         West Michaelport    1
## 738            Ericksonmouth    0
## 739                 Yangside    1
## 740              Estradafurt    0
## 741                Frankport    1
## 742                Port Juan    0
## 743             Williamsside    1
## 744              Johnsonview    1
## 745               East Heidi    0
## 746            New Angelview    0
## 747         Lake Brandonview    0
## 748               Morganport    0
## 749                Browntown    0
## 750              Lake Hailey    0
## 751                Olsonside    1
## 752                 Coxhaven    1
## 753               Meaganfort    0
## 754        North Monicaville    0
## 755               Mullenside    0
## 756               Princebury    1
## 757              Bradleyside    0
## 758            Elizabethbury    1
## 759                West Ryan    0
## 760                New Tammy    1
## 761              Sanchezland    0
## 762                Rogerland    0
## 763              Vanessaview    1
## 764             Jessicashire    1
## 765           Melissachester    1
## 766              Johnsontown    0
## 767           New Joshuaport    1
## 768            Hernandezside    1
## 769         New Williamville    1
## 770             Gilbertville    1
## 771                Newmanberg    0
## 772                West Alice    1
## 773                Cannonbury    0
## 774                Shelbyport    1
## 775                 New Henry    0
## 776              Dustinmouth    1
## 777                South Lisa    0
## 778                 Lisamouth    0
## 779            New Hollyberg    0
## 780       Port Brittanyville    0
## 781               East Ronald    1
## 782         South Davidmouth    1
```

```
## 783               Carterton    0
## 784             Rachelhaven    1
## 785             New Timothy    1
## 786      North Jessicaville    1
## 787                Joneston    1
## 788              Staceyfort    0
## 789       South Dianeshire     0
## 790            West Shannon    1
## 791             Micheletown    1
## 792     North Brittanyburgh    0
## 793            Port Jasmine    1
## 794             New Sabrina    1
## 795      Lake Charlottestad    0
## 796       West Rhondamouth     1
## 797             North Debra    1
## 798         Villanuevastad     0
## 799       North Jeremyport     1
## 800              Lake Susan    1
## 801               Lake John    1
## 802            Courtneyfort    1
## 803              Tammymouth    0
## 804            Lake Vanessa    0
## 805             Lake Amanda    1
## 806              Mariemouth    1
## 807     Port Douglasborough    0
## 808         Port Aprilville    0
## 809            Williamsport    1
## 810              Lake Faith    0
## 811              Wendyville    1
## 812              Angelhaven    1
## 813                New Sean    1
## 814               Lake Lisa    0
## 815            Valerieland     0
## 816              New Travis    1
## 817          North Samantha    0
## 818             Holderville    0
## 819            Patrickmouth    0
## 820      Lake Deannaborough    0
## 821            Jeffreymouth    0
## 822             Davieshaven    0
## 823       Lake Jessicaville    1
## 824       Hernandezchester     1
## 825       North Kennethside    0
## 826              Shelbyport    0
## 827             Williamport    1
## 828               Smithside    0
## 829             Vanessastad    0
## 830               Lisamouth    1
## 831       Lake Rhondaburgh     1
## 832        Cunninghamhaven     1
## 833             Robertstown    1
## 834              South Mark    1
## 835        New Taylorburgh     0
## 836         Port Karenfurt     1
```

```
## 837              Carterland    0
## 838              East Shawn    1
## 839         West Derekmouth    1
## 840              Brandiland    1
## 841           Cervantesshire    0
## 842         North Debrashire    0
## 843              Deannaville    0
## 844         East Christopher    1
## 845               Rickymouth    1
## 846              Port Dennis    1
## 847            Lake Michelle    1
## 848            East Johnport    0
## 849              Sabrinaview    1
## 850              Kristinfurt    1
## 851              Chapmanland    1
## 852            North Jonathan    1
## 853            Port Christina    1
## 854                 Juanport    1
## 855                East Mike    0
## 856         North Angelatown    0
## 857              West Steven    1
## 858                Riggsstad    1
## 859                Davidview    1
## 860        Port Kevinborough    1
## 861              Lawsonshire    1
## 862            Wagnerchester    0
## 863               Daisymouth    0
## 864             North Daniel    1
## 865      Port Jacquelinestad    1
## 866              New Teresa    1
## 867               Henryfort    1
## 868             Lake Joseph    0
## 869            Daviesborough    1
## 870            North Brandon    0
## 871                 Adamside    1
## 872               Wademouth    0
## 873            North Raymond    0
## 874             Randolphport    1
## 875           East Troyhaven    0
## 876             Clarkborough    0
## 877               Josephberg    0
## 878         Lake Jenniferton    1
## 879                Lake Jose    0
## 880              Ashleymouth    0
## 881                Henryland    1
## 882            Lake Danielle    0
## 883              Joshuaburgh    1
## 884         South Jeanneport    0
## 885              New Nathan    1
## 886              Jonesshire    0
## 887              Mariahview    1
## 888           New Julianberg    1
## 889              Randyshire    1
## 890              Philipberg    1
```

```
## 891              West Dennis    0
## 892            Richardshire    1
## 893              Lake James    0
## 894            Austinborough    0
## 895            Alexandrafort    1
## 896              Melissastad    1
## 897            Gonzalezburgh    1
## 898            Port Jennifer    0
## 899               Chrismouth    0
## 900                Port Beth    0
## 901              West David    0
## 902            Fraziershire    0
## 903              Robertfurt    0
## 904            South Pamela    0
## 905         North Laurenview    0
## 906             Campbellstad    1
## 907           Port Derekberg    0
## 908              West Andrew    0
## 909               West Randy    0
## 910        South Christopher    0
## 911        Lake Michellebury    1
## 912               Zacharyton    0
## 913               West James    1
## 914               Millerview    1
## 915             Hawkinsbury    1
## 916           Elizabethport    1
## 917              West Amanda    1
## 918                 Wadestad    1
## 919            Mauriceshire    1
## 920           West Arielstad    1
## 921                Adamsstad    0
## 922              Lake James    1
## 923            Blairborough    1
## 924           New Marcusbury    0
## 925               Evansville    1
## 926           Huffmanchester    0
## 927              New Cynthia    0
## 928              Joshuamouth    0
## 929            West Benjamin    0
## 930             Williamsfort    0
## 931            North Tiffany    0
## 932              Edwardsport    0
## 933            Lake Evantown    0
## 934              South Henry    1
## 935              Harmonhaven    1
## 936           West Gregburgh    0
## 937               Hansenland    0
## 938       Port Michaelmouth    0
## 939                Tylerport    0
## 940               West Lacey    1
## 941      North Jenniferburgh    1
## 942         South Davidhaven    0
## 943        North Charlesbury    1
## 944              Jonathanland    0
```

```
## 945           North Virginia    0
## 946              West Tanner    0
## 947               Jonesmouth    1
## 948               Port Jason    1
## 949            West Annefort    1
## 950               East Jason    0
## 951             North Cassie    0
## 952               Hintonport    1
## 953                New James    1
## 954            North Destiny    0
## 955          Mclaughlinbury    0
## 956      West Gabriellamouth    0
## 957             Alvarezland    0
## 958                New Julie    0
## 959          North Frankstad    1
## 960              Claytonside    1
## 961               Melanieton    0
## 962        Lake Michaelport    0
## 963       East Benjaminville    0
## 964           Garrettborough    1
## 965         Port Raymondfort    0
## 966               Waltertown    0
## 967              Cameronberg    1
## 968               Kaylashire    1
## 969               Fosterside    0
## 970                Davidstad    0
## 971               Lake Tracy    0
## 972              Taylormouth    1
## 973               Dianaville    0
## 974             Collinsburgh    0
## 975               Port Rachel    1
## 976            South Rebecca    1
## 977          Port Joshuafort    1
## 978             Robinsontown    1
## 979                  Beckton    0
## 980           New Frankshire    1
## 981         North Derekville    1
## 982               West Sydney    0
## 983             Lake Matthew    0
## 984         Lake Zacharyfurt    1
## 985             Lindsaymouth    1
## 986                Sarahland    0
## 987               Port Julie    1
## 988             Michaelshire    1
## 989                 Sarafurt    1
## 990             South Denise    0
## 991              North Katie    1
## 992              Mauricefurt    1
## 993              New Patrick    0
## 994             Edwardsmouth    1
## 995             Nicholasland    0
## 996                Duffystad    1
## 997              New Darlene    1
## 998            South Jessica    1
```

```
## 999              West Steven    0
## 1000             Ronniemouth    0
##                                                    Country       Timestamp
## 1                                                  Tunisia  3/27/2016 0:53
## 2                                                    Nauru   4/4/2016 1:39
## 3                                               San Marino 3/13/2016 20:35
## 4                                                    Italy  1/10/2016 2:31
## 5                                                  Iceland   6/3/2016 3:36
## 6                                                   Norway 5/19/2016 14:30
## 7                                                  Myanmar 1/28/2016 20:59
## 8                                                Australia   3/7/2016 1:40
## 9                                                  Grenada  4/18/2016 9:33
## 10                                                   Ghana  7/11/2016 1:42
## 11                                                   Qatar 3/16/2016 20:19
## 12                                                 Burundi   5/8/2016 8:10
## 13                                                   Egypt   6/3/2016 1:14
## 14                                Bosnia and Herzegovina 4/20/2016 21:49
## 15                                                Barbados  3/24/2016 9:31
## 16                                                   Spain   3/9/2016 3:41
## 17                                 Palestinian Territory 1/30/2016 19:20
## 18                                             Afghanistan   5/2/2016 7:00
## 19   British Indian Ocean Territory (Chagos Archipelago)  2/13/2016 7:53
## 20                                   Russian Federation  2/27/2016 4:43
## 21                                             Cameroon   1/5/2016 7:52
## 22                                             Cameroon 3/18/2016 13:22
## 23                                               Burundi  5/20/2016 8:49
## 24                                                 Korea  3/23/2016 9:43
## 25                                               Tokelau 6/13/2016 17:27
## 26                                                Monaco 5/27/2016 15:25
## 27                                                Tuvalu  2/8/2016 10:46
## 28                                                Greece  7/19/2016 8:32
## 29                               British Virgin Islands  4/14/2016 5:08
## 30                          Bouvet Island (Bouvetoya) 1/27/2016 12:38
## 31                                                  Peru  7/2/2016 20:23
## 32                                                 Aruba  3/1/2016 22:13
## 33                                              Maldives  7/15/2016 5:05
## 34                                               Senegal 1/14/2016 14:00
## 35                                              Dominica  3/15/2016 3:12
## 36                                            Luxembourg  4/12/2016 3:26
## 37                                            Montenegro  4/7/2016 15:18
## 38                                               Ukraine   2/9/2016 5:28
## 39                                          Saint Helena  5/7/2016 17:11
## 40                                               Liberia  3/11/2016 6:49
## 41                                   Russian Federation  4/27/2016 9:27
## 42                                               Tunisia 4/16/2016 11:53
## 43                                            Turkmenistan  5/8/2016 15:38
## 44                                          Saint Helena   2/8/2016 0:23
## 45                                                 Niger 2/11/2016 13:26
## 46                                            Turkmenistan 2/17/2016 13:16
## 47                                                 Qatar 2/26/2016 22:46
## 48                                             Sri Lanka  6/8/2016 18:54
## 49                                Trinidad and Tobago   1/8/2016 9:32
## 50                                               Italy 4/25/2016 11:01
## 51                               British Virgin Islands   4/4/2016 7:07
```

```
## 52                                        United Kingdom  5/3/2016 21:19
## 53                                         Guinea-Bissau  1/17/2016 9:31
## 54                                            Micronesia   3/2/2016 4:57
## 55                                                Turkey  2/14/2016 7:36
## 56                                               Croatia   4/7/2016 3:56
## 57                                                Israel 2/17/2016 11:42
## 58                           Svalbard & Jan Mayen Islands  4/10/2016 0:13
## 59                                             Azerbaijan 2/14/2016 17:05
## 60                                                   Iran 5/26/2016 22:49
## 61                                                Burundi  4/30/2016 8:07
## 62                       Saint Vincent and the Grenadines  6/15/2016 5:30
## 63                                                Burundi  3/9/2016 14:45
## 64                                               Bulgaria 3/31/2016 20:55
## 65                                     Christmas Island   6/3/2016 0:55
## 66                                               Canada 3/10/2016 23:36
## 67                                               Rwanda   1/8/2016 0:17
## 68                                Turks and Caicos Islands  6/5/2016 22:11
## 69                                               Tunisia 1/16/2016 11:35
## 70                                        Norfolk Island 4/22/2016 20:10
## 71                             Bouvet Island (Bouvetoya)   2/1/2016 9:00
## 72                                Turks and Caicos Islands  7/7/2016 13:37
## 73                                         Cook Islands   3/8/2016 0:37
## 74                                                Turkey 5/10/2016 17:39
## 75                                            Guatemala  4/6/2016 11:24
## 76                                          Cote d'Ivoire  4/1/2016 16:21
## 77                                          Faroe Islands   1/5/2016 4:18
## 78                                                  Qatar 5/20/2016 21:31
## 79                                                Ireland   2/3/2016 7:59
## 80                                                Ukraine 2/17/2016 21:55
## 81                                                Moldova 1/30/2016 16:10
## 82                                              Nicaragua 5/15/2016 14:41
## 83                                             Montserrat  1/5/2016 17:56
## 84                                            Timor-Leste  4/19/2016 7:34
## 85                             Bouvet Island (Bouvetoya) 3/15/2016 15:49
## 86                                            Puerto Rico 6/12/2016 15:25
## 87                             Central African Republic   7/1/2016 4:41
## 88                                              Venezuela  5/8/2016 12:12
## 89                                              Australia 3/14/2016 23:13
## 90                                     Wallis and Futuna  5/25/2016 0:19
## 91                                                 Jersey 5/13/2016 11:51
## 92                                            Puerto Rico 2/20/2016 20:47
## 93                                                  Samoa 5/22/2016 20:49
## 94                                                 Greece  4/10/2016 2:02
## 95  Antarctica (the territory South of 60 deg S)  2/28/2016 6:41
## 96                                                Albania  7/8/2016 21:18
## 97                                              Hong Kong 4/19/2016 15:14
## 98                                              Lithuania  1/8/2016 22:47
## 99                                                  Egypt  3/28/2016 8:46
## 100                                            Bangladesh  7/2/2016 14:57
## 101                                         Western Sahara   7/3/2016 9:22
## 102                                                Serbia   6/1/2016 9:27
## 103                                               Maldives  7/9/2016 14:55
## 104                                         Czech Republic  2/9/2016 22:04
## 105                                                Guernsey 6/10/2016 11:31
```

```
## 106                                          Tanzania  2/14/2016 3:50
## 107                                            Bhutan  7/5/2016 17:17
## 108                                  Christmas Island  4/28/2016 5:50
## 109                                            Guinea   4/3/2016 5:10
## 110                                        Micronesia  3/9/2016 14:57
## 111                                        Madagascar 1/16/2016 23:37
## 112                                           Lebanon   7/3/2016 4:33
## 113                                           Eritrea  3/14/2016 6:46
## 114                                            Guyana   1/9/2016 5:44
## 115                              Trinidad and Tobago  2/11/2016 4:37
## 116                                            Jersey  6/22/2016 7:33
## 117                             United Arab Emirates 7/13/2016 16:12
## 118                                        Martinique 7/23/2016 11:46
## 119                                           Somalia  7/13/2016 4:10
## 120                                            Bhutan 6/11/2016 18:32
## 121                                            Greece  5/8/2016 12:51
## 122                                             Benin  4/7/2016 16:02
## 123                                  Papua New Guinea  2/4/2016 13:30
## 124                                        Uzbekistan 2/26/2016 19:48
## 125                                      South Africa 6/21/2016 13:15
## 126                                             Egypt  5/17/2016 4:27
## 127                                           Hungary 4/18/2016 15:54
## 128                       Falkland Islands (Malvinas)  4/3/2016 10:07
## 129                                          Dominica  4/4/2016 21:30
## 130                                            Jersey  7/6/2016 16:00
## 131                                         Lithuania   5/4/2016 9:00
## 132                                       Saint Martin 6/13/2016 18:50
## 133                                               Cuba  1/3/2016 16:01
## 134              United States Minor Outlying Islands  1/14/2016 0:23
## 135                                            Belize 1/12/2016 10:07
## 136                                            Belize 4/16/2016 12:09
## 137      Antarctica (the territory South of 60 deg S)  5/13/2016 6:09
## 138                  Saint Vincent and the Grenadines 3/27/2016 23:59
## 139                                            Kuwait  2/3/2016 23:47
## 140                                          Thailand 4/18/2016 11:23
## 141                                         Gibraltar  2/5/2016 19:06
## 142                    Holy See (Vatican City State) 3/21/2016 18:46
## 143                                             Korea 6/14/2016 11:59
## 144                                       Saint Helena  2/6/2016 23:08
## 145                          Turks and Caicos Islands  3/12/2016 1:39
## 146                                    Czech Republic  1/26/2016 3:56
## 147                                       Netherlands   2/7/2016 8:02
## 148                                           Belarus   5/5/2016 7:58
## 149                                          Dominica  6/29/2016 2:43
## 150                                       South Africa 4/10/2016 19:48
## 151                                        New Zealand  2/10/2016 6:37
## 152                                               Togo 5/28/2016 20:41
## 153                                              Kenya  3/24/2016 6:36
## 154                                              Palau 2/12/2016 22:51
## 155                                         Timor-Leste 6/10/2016 10:11
## 156                                           Cambodia 3/31/2016 10:44
## 157                                            Belize  2/14/2016 6:51
## 158                                               Cuba  1/7/2016 19:16
## 159                                         Costa Rica   2/4/2016 2:13
```

```
## 160                                 Liechtenstein   5/9/2016 2:58
## 161                                         Korea  6/23/2016 0:16
## 162                                       Ukraine  6/20/2016 9:35
## 163                                        Angola 2/29/2016 12:31
## 164                                         Nauru 1/17/2016 15:10
## 165                             Equatorial Guinea  1/29/2016 3:54
## 166                                      Mongolia 7/14/2016 12:07
## 167                 Svalbard & Jan Mayen Islands 1/10/2016 23:14
## 168                                   Timor-Leste 4/28/2016 18:34
## 169                                        Brazil  7/6/2016 18:36
## 170                                          Chad  5/27/2016 6:19
## 171                                      Portugal  1/25/2016 7:39
## 172                                        Malawi  5/8/2016 22:47
## 173                                         Qatar 3/19/2016 14:23
## 174                                     Singapore  7/23/2016 4:37
## 175                                        Guinea  6/23/2016 1:22
## 176                                    Kazakhstan 7/19/2016 18:06
## 177                                        Kuwait 2/28/2016 18:52
## 178                                        Rwanda  2/10/2016 6:52
## 179                                         China  3/27/2016 9:11
## 180           Bouvet Island (Bouvetoya)  5/23/2016 2:15
## 181                                       Vietnam   1/3/2016 3:22
## 182                                     Guatemala  1/4/2016 21:48
## 183                                          Peru 5/24/2016 13:30
## 184                                       Mayotte  2/1/2016 19:42
## 185                                         Samoa  6/5/2016 13:16
## 186                                     Singapore   2/4/2016 8:53
## 187                                       Jamaica 3/24/2016 13:37
## 188                                       Bahamas  6/2/2016 21:02
## 189                                        Canada  2/21/2016 7:42
## 190                                       Algeria 6/26/2016 17:16
## 191                                          Fiji   1/3/2016 5:34
## 192                                         Kenya  3/8/2016 18:00
## 193                                     Argentina  6/19/2016 3:19
## 194           Bouvet Island (Bouvetoya) 7/21/2016 21:16
## 195                                   Philippines 2/12/2016 20:36
## 196                                       Senegal  5/17/2016 6:14
## 197                                      Suriname  7/9/2016 11:04
## 198                                       Liberia  3/27/2016 2:35
## 199                                          Guam  1/16/2016 8:01
## 200                        United Arab Emirates 1/21/2016 23:48
## 201                         Antigua and Barbuda   6/5/2016 0:29
## 202                                     Argentina 2/13/2016 15:37
## 203                                       Georgia  5/10/2016 7:22
## 204                                        Jordan  3/27/2016 3:59
## 205                                  Saudi Arabia 5/24/2016 18:35
## 206                                  South Africa  2/11/2016 2:40
## 207                                       Croatia  4/22/2016 8:31
## 208                                          Fiji  1/13/2016 2:58
## 209                                     Australia  6/16/2016 2:01
## 210                       Sao Tome and Principe 6/27/2016 18:37
## 211                                          Fiji  7/3/2016 12:57
## 212                                        Cyprus   2/3/2016 4:21
## 213                            Kyrgyz Republic 5/29/2016 21:17
```

```
## 214                                    Pakistan  4/3/2016 21:13
## 215                                  Seychelles 4/15/2016 11:51
## 216                                       Samoa  6/21/2016 3:14
## 217                                    Bulgaria 3/14/2016 14:13
## 218                                  Mauritania  5/6/2016 21:07
## 219                                Czech Republic 6/12/2016 17:52
## 220                                       Chile  1/11/2016 7:36
## 221                                      Poland   7/2/2016 0:24
## 222                                     Estonia  3/4/2016 10:13
## 223                                  Turkmenistan  3/24/2016 9:12
## 224                                       Latvia  2/14/2016 7:30
## 225                                        Fiji  4/25/2016 7:30
## 226                                      Turkey 2/10/2016 19:20
## 227                                  Kazakhstan 4/23/2016 14:34
## 228                                     Bahrain 6/18/2016 17:56
## 229                                    Colombia  7/17/2016 1:58
## 230                           Brunei Darussalam  4/27/2016 4:28
## 231                                      Taiwan 4/21/2016 20:29
## 232                                      Serbia  3/23/2016 6:00
## 233                 Saint Pierre and Miquelon  7/19/2016 7:59
## 234                                   Australia 6/26/2016 11:52
## 235                                        Chad 3/30/2016 23:40
## 236                                      Norway  3/16/2016 7:59
## 237                  Turks and Caicos Islands   5/4/2016 0:01
## 238                                    Finland  7/2/2016 21:22
## 239                               South Africa 5/23/2016 21:14
## 240                                  Martinique 1/29/2016 20:16
## 241                                 Afghanistan 7/23/2016 14:47
## 242                                  Micronesia  2/16/2016 9:11
## 243                French Southern Territories  6/9/2016 21:43
## 244                                 Philippines  6/19/2016 9:24
## 245                                     Algeria  6/6/2016 21:26
## 246                                  San Marino  1/7/2016 13:25
## 247                                    Guernsey  4/15/2016 6:08
## 248                                Sierra Leone   1/9/2016 3:45
## 249                                  Tajikistan 2/10/2016 15:23
## 250                               Liechtenstein 4/24/2016 13:42
## 251                                     Ecuador  6/12/2016 5:31
## 252                                 Switzerland   1/5/2016 9:42
## 253                                     Moldova  3/2/2016 10:07
## 254                                    Finland 7/21/2016 10:54
## 255                                     France   1/9/2016 4:53
## 256                                   Venezuela  1/6/2016 13:20
## 257                                        Cuba  1/31/2016 4:10
## 258                                        Peru  6/11/2016 8:38
## 259                                      Turkey 5/15/2016 20:48
## 260                                     Albania 6/18/2016 17:23
## 261                French Southern Territories  3/17/2016 5:00
## 262                           Papua New Guinea 6/29/2016 13:35
## 263                              Liechtenstein   2/2/2016 8:55
## 264                                   Thailand  4/13/2016 5:42
## 265                                  Malaysia  7/20/2016 9:27
## 266                                  Mauritius  2/26/2016 4:57
## 267                                    Algeria  2/26/2016 9:18
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## 268                                Christmas Island 4/15/2016 14:45
## 269                                           Japan  2/1/2016 14:37
## 270                                       Greenland 1/20/2016 19:09
## 271                            Sao Tome and Principe  4/23/2016 6:28
## 272                                         Senegal 6/19/2016 22:26
## 273                                      Guadeloupe  2/15/2016 7:55
## 274                                         Belgium  2/9/2016 19:37
## 275                                          Israel  1/25/2016 7:52
## 276                                        Honduras 7/18/2016 11:33
## 277                                         Estonia   1/9/2016 7:28
## 278                                        Paraguay 3/21/2016 21:15
## 279                                 Kyrgyz Republic 2/15/2016 12:25
## 280                                      Mauritania   3/4/2016 8:48
## 281                                   French Guiana   1/5/2016 0:02
## 282                      Northern Mariana Islands  5/15/2016 1:03
## 283                                        Lebanon   5/5/2016 9:28
## 284                  Saint Pierre and Miquelon 5/26/2016 13:18
## 285                            American Samoa  5/21/2016 1:36
## 286                                         Austria  5/4/2016 12:06
## 287                                           Tonga  7/5/2016 18:59
## 288                                           Tonga 6/28/2016 20:13
## 289                    French Southern Territories  5/5/2016 11:09
## 290                                         Serbia 3/25/2016 15:17
## 291                                  New Caledonia 1/23/2016 15:02
## 292                                         Taiwan  5/29/2016 7:29
## 293                     United States of America  5/30/2016 7:36
## 294                                        Morocco 4/17/2016 15:46
## 295                                       Suriname 7/20/2016 23:08
## 296                                      Macedonia  6/29/2016 3:07
## 297                              Wallis and Futuna 4/10/2016 14:48
## 298                                          Chile 4/16/2016 16:38
## 299                                          Gabon   5/3/2016 8:21
## 300                                          Gabon 3/18/2016 16:04
## 301                Holy See (Vatican City State)  5/22/2016 0:01
## 302                                     Seychelles  2/1/2016 20:30
## 303                                        Mayotte 1/23/2016 17:39
## 304                                         Uganda  5/19/2016 3:52
## 305                                       Cambodia  5/9/2016 21:54
## 306                           Antigua and Barbuda 5/31/2016 11:44
## 307                                       Cameroon 3/30/2016 19:09
## 308                                         Somalia  1/9/2016 15:49
## 309                                         Lebanon  4/18/2016 3:41
## 310                  Saint Pierre and Miquelon 6/13/2016 13:59
## 311                                       Dominica  4/23/2016 8:15
## 312                                         Hungary 3/27/2016 16:41
## 313                                          Taiwan  2/19/2016 7:29
## 314                                     Saint Lucia 5/19/2016 11:16
## 315                                            Niue 1/27/2016 20:47
## 316                                          France  4/20/2016 0:41
## 317                                          Cyprus   2/7/2016 7:41
## 318                    French Southern Territories  4/21/2016 9:30
## 319                                      Costa Rica  4/19/2016 5:15
## 320                                         Austria 4/12/2016 14:01
## 321                                          Zambia 3/15/2016 11:25
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## 322                                        Congo 2/16/2016 18:21
## 323                        United States of America 2/18/2016 23:08
## 324                                Pitcairn Islands  3/25/2016 8:40
## 325                                          Belize  3/16/2016 0:28
## 326                                        Anguilla 1/28/2016 11:50
## 327                                    South Africa  3/24/2016 2:01
## 328                                       Singapore  3/3/2016 22:31
## 329                                         Finland  2/26/2016 9:54
## 330                                      Martinique  7/6/2016 15:56
## 331                                        Cameroon  6/24/2016 5:50
## 332                                          Sweden 5/23/2016 21:00
## 333                                   New Caledonia  2/3/2016 19:12
## 334                       Bosnia and Herzegovina 4/28/2016 22:54
## 335                                       Singapore 3/19/2016 14:57
## 336                     Falkland Islands (Malvinas)  7/15/2016 9:08
## 337                          Bosnia and Herzegovina  5/12/2016 4:35
## 338                                       Mauritius  1/1/2016 21:58
## 339                                       Indonesia 3/13/2016 13:50
## 340                                  Czech Republic 7/16/2016 14:13
## 341                                         Eritrea  4/18/2016 0:49
## 342                                          Mexico  7/17/2016 1:13
## 343                                       Gibraltar  2/17/2016 7:05
## 344                                           Haiti  6/16/2016 2:33
## 345                     Falkland Islands (Malvinas)  4/9/2016 16:31
## 346                                         Eritrea 3/18/2016 17:35
## 347                                       Hong Kong 5/11/2016 22:02
## 348                                          Gambia 5/25/2016 20:10
## 349                                        Barbados 2/29/2016 19:26
## 350                                           Nauru  6/9/2016 14:24
## 351                                            Peru 1/30/2016 16:15
## 352                                     El Salvador  2/15/2016 5:35
## 353                          Libyan Arab Jamahiriya  1/31/2016 6:14
## 354                                        Cambodia  1/5/2016 16:34
## 355                               Saint Barthelemy  5/31/2016 2:17
## 356                                        Reunion 4/21/2016 16:10
## 357                           Antigua and Barbuda  4/10/2016 3:30
## 358                                         Samoa   2/9/2016 7:21
## 359                                   Afghanistan 6/17/2016 17:11
## 360                                    Azerbaijan 5/22/2016 21:54
## 361                                   Philippines  7/13/2016 7:41
## 362                                         Angola 1/23/2016 18:59
## 363                                        Albania 5/20/2016 12:17
## 364                                        Hungary  1/30/2016 4:38
## 365                                   Faroe Islands 4/21/2016 12:34
## 366                                  Czech Republic 4/22/2016 20:32
## 367                     Svalbard & Jan Mayen Islands  1/11/2016 6:02
## 368                                   Afghanistan  3/1/2016 10:01
## 369                                         Rwanda   4/4/2016 8:19
## 370                                         Panama  6/20/2016 6:30
## 371                                          Samoa  1/28/2016 7:10
## 372 United States Minor Outlying Islands   7/3/2016 4:11
## 373                                         Greece 5/15/2016 13:18
## 374                                  Cote d'Ivoire  4/8/2016 22:48
## 375                                       Pakistan 1/19/2016 12:18
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## 376                                    Anguilla 5/26/2016 15:40
## 377                                      Cyprus 1/26/2016 15:56
## 378                                        Peru  6/17/2016 9:58
## 379                                       Kenya 4/25/2016 21:15
## 380                                        Chad 7/13/2016 11:41
## 381                            Kyrgyz Republic  7/5/2016 15:14
## 382                                     Albania 3/15/2016 14:06
## 383                                       Gabon 6/19/2016 22:08
## 384                          Dominican Republic  7/5/2016 20:16
## 385                                    Zimbabwe   5/9/2016 8:44
## 386                                     Croatia 7/21/2016 23:14
## 387                                    Cambodia  6/3/2016 17:32
## 388                                    Mongolia 1/15/2016 19:40
## 389                                    Honduras  2/5/2016 16:50
## 390                                  Madagascar 2/29/2016 23:56
## 391                                       Qatar  5/8/2016 12:08
## 392                                       China  7/13/2016 1:48
## 393                                  Bangladesh   1/8/2016 2:34
## 394                                   Swaziland  6/8/2016 12:25
## 395                                    Tanzania 6/15/2016 11:56
## 396                                     Eritrea 6/13/2016 22:41
## 397                                      Canada 6/20/2016 14:20
## 398                       Saint Kitts and Nevis   4/3/2016 6:17
## 399                                Burkina Faso 5/31/2016 23:42
## 400                                      Tuvalu  2/15/2016 3:43
## 401                                 El Salvador 3/10/2016 23:26
## 402                                  Madagascar 2/26/2016 17:01
## 403                                  Bangladesh 4/17/2016 21:39
## 404                              American Samoa 3/26/2016 19:54
## 405                                      Latvia 6/29/2016 21:39
## 406                                     Moldova 1/27/2016 17:55
## 407                                    Anguilla 3/17/2016 23:39
## 408                                  Bangladesh  7/9/2016 16:23
## 409                               Faroe Islands 6/28/2016 12:51
## 410                                      Taiwan 6/18/2016 16:32
## 411 Heard Island and McDonald Islands 5/28/2016 12:38
## 412                                      Israel 1/16/2016 16:40
## 413                                     Bolivia 7/11/2016 15:45
## 414                                     Bahamas 7/16/2016 23:08
## 415                                  Costa Rica  4/6/2016 21:20
## 416                                     Myanmar   7/5/2016 0:54
## 417                           Netherlands Antilles 2/17/2016 23:47
## 418                                Czech Republic 3/15/2016 17:33
## 419                                      Iceland 1/21/2016 18:51
## 420                                       Palau  6/6/2016 22:41
## 421                         Libyan Arab Jamahiriya 5/16/2016 14:50
## 422                                   Kazakhstan 4/17/2016 19:10
## 423                                French Guiana  3/30/2016 1:05
## 424                                      Tuvalu  6/29/2016 9:04
## 425                                       Congo 5/26/2016 13:43
## 426                                United Kingdom 4/15/2016 10:16
## 427                                    Luxembourg  5/31/2016 9:06
## 428                              French Polynesia 2/15/2016 14:13
## 429                              Papua New Guinea  5/9/2016 10:21
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## 430                                    Maldives  7/7/2016 23:32
## 431                                      Zambia  1/3/2016 17:10
## 432                                Cook Islands 7/17/2016 18:55
## 433                                       Congo  4/4/2016 18:36
## 434                                     Senegal 2/27/2016 12:34
## 435                                     Myanmar  6/8/2016 20:13
## 436                          Dominican Republic 2/20/2016 10:52
## 437                                     Bahrain 3/23/2016 21:06
## 438                                 Puerto Rico   6/7/2016 1:29
## 439                                       Chile 1/18/2016 15:18
## 440                                     Bolivia  6/9/2016 19:32
## 441                                      Serbia 5/30/2016 20:07
## 442                                    Malaysia   4/1/2016 9:21
## 443                                     Estonia  5/31/2016 6:21
## 444                                   Greenland  7/3/2016 22:13
## 445                       Trinidad and Tobago  3/10/2016 1:36
## 446                                    Thailand  3/18/2016 2:39
## 447                                 Philippines 5/30/2016 18:08
## 448                                        Niue  2/20/2016 0:06
## 449                                 Afghanistan 3/10/2016 22:28
## 450                                      Angola 6/21/2016 14:32
## 451                                       Egypt  2/5/2016 15:26
## 452                                        Fiji 5/31/2016 21:41
## 453                                    Portugal   1/1/2016 2:52
## 454                                     Austria  3/4/2016 14:10
## 455                                     Germany  2/3/2016 10:40
## 456                                      Panama  1/20/2016 0:26
## 457                      United States of America  6/11/2016 9:37
## 458                              Christmas Island   3/8/2016 5:48
## 459                             Equatorial Guinea 2/14/2016 22:23
## 460                                   Micronesia 7/17/2016 22:04
## 461                                        Malta  6/2/2016 22:16
## 462                                      Ecuador 4/30/2016 19:42
## 463                                        Sudan  4/17/2016 6:58
## 464          Lao People's Democratic Republic   3/9/2016 0:41
## 465          Saint Vincent and the Grenadines  3/7/2016 20:02
## 466                                Switzerland 5/26/2016 10:33
## 467                                      Spain  7/18/2016 1:36
## 468                      Turks and Caicos Islands  7/16/2016 5:56
## 469                                    Indonesia  3/22/2016 6:41
## 470                                Cook Islands   6/3/2016 6:34
## 471                                   Australia  6/28/2016 9:19
## 472                                     Finland 7/18/2016 18:33
## 473                                    Pakistan  1/23/2016 4:47
## 474                                     Ireland 2/29/2016 11:00
## 475                                     Eritrea  6/30/2016 0:19
## 476                                      France 6/19/2016 18:19
## 477                                     Austria   1/8/2016 8:08
## 478       Heard Island and McDonald Islands  1/2/2016 12:25
## 479                           Western Sahara 5/13/2016 11:57
## 480                                    Liberia  2/8/2016 14:02
## 481                          Dominican Republic  6/7/2016 23:46
## 482                                      Tonga  1/2/2016 14:36
## 483          Lao People's Democratic Republic  2/13/2016 4:16
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## 484                          United States of America  5/3/2016 12:57
## 485                                           Belgium  4/3/2016 11:38
## 486                                         Indonesia 3/23/2016 19:58
## 487                                           Croatia  2/2/2016 11:49
## 488                                Brunei Darussalam  3/8/2016 10:39
## 489                                   American Samoa  4/8/2016 14:35
## 490                              Netherlands Antilles  6/30/2016 0:40
## 491                                          Thailand 3/25/2016 19:02
## 492                                            Greece 5/12/2016 21:32
## 493                                French Polynesia   3/2/2016 5:11
## 494                                          Guernsey 5/10/2016 14:12
## 495                                       Isle of Man   3/3/2016 2:59
## 496                 Holy See (Vatican City State)  7/4/2016 11:03
## 497                                       El Salvador   7/8/2016 3:47
## 498                                             China  5/27/2016 5:35
## 499                                           Myanmar 2/10/2016 13:46
## 500                                             Macao 6/12/2016 21:21
## 501                                         Australia  1/7/2016 13:58
## 502          United States Virgin Islands 5/13/2016 14:12
## 503                                            Mexico   5/2/2016 0:01
## 504                                          Djibouti  2/7/2016 17:06
## 505                                       Cote d'Ivoire  2/15/2016 7:27
## 506                                              Mali  2/21/2016 5:23
## 507                                           Jamaica 3/20/2016 22:27
## 508                                           Romania  3/24/2016 9:34
## 509                                     Cayman Islands  4/4/2016 20:01
## 510                                             Gambia   1/2/2016 4:50
## 511                                           Algeria  7/8/2016 17:14
## 512                                       Puerto Rico 3/28/2016 19:48
## 513                                     Norfolk Island  7/11/2016 9:32
## 514                                             Turkey  6/9/2016 17:11
## 515                                             Guinea  5/19/2016 9:30
## 516                                           Moldova 4/12/2016 12:35
## 517                                            Greece  7/4/2016 23:17
## 518                                   American Samoa   2/1/2016 0:52
## 519                                           Honduras  1/13/2016 2:39
## 520                                           Mongolia 6/18/2016 16:02
## 521                                           Ethiopia  1/1/2016 20:17
## 522                                           Ethiopia   3/2/2016 4:02
## 523                                         Sri Lanka 3/30/2016 20:23
## 524                                           Morocco   5/1/2016 0:23
## 525                            United Arab Emirates  6/17/2016 3:02
## 526                                  Western Sahara  3/23/2016 8:52
## 527                                  Western Sahara  5/8/2016 22:24
## 528                                        Cambodia   4/6/2016 5:55
## 529                                     New Zealand   4/5/2016 5:54
## 530                                       Australia 4/16/2016 12:26
## 531                                        Bulgaria   6/1/2016 3:44
## 532                          Libyan Arab Jamahiriya  4/4/2016 22:00
## 533                                        Barbados  6/26/2016 4:22
## 534                                French Polynesia   7/7/2016 3:55
## 535                                         Uruguay  3/20/2016 8:22
## 536                                         Uruguay 4/20/2016 10:04
## 537                                          Brazil  3/25/2016 5:05
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## 538                                    Venezuela  2/14/2016 7:15
## 539                                      Myanmar  3/26/2016 0:32
## 540                                        Malta  7/5/2016 22:33
## 541                                      Jamaica  3/14/2016 3:29
## 542                                      Bahrain  5/30/2016 2:34
## 543                                      Algeria  3/7/2016 22:32
## 544                                       Tuvalu  3/19/2016 0:27
## 545                                      Georgia  6/18/2016 5:17
## 546                                     Cambodia 7/11/2016 18:12
## 547                                         Guam   1/1/2016 8:27
## 548                                     Tanzania   4/7/2016 1:57
## 549                                    Indonesia 2/28/2016 22:02
## 550                                      Somalia 6/26/2016 17:25
## 551                                       Belize  1/21/2016 4:30
## 552                                       Serbia  5/1/2016 21:46
## 553                                    Australia 2/14/2016 10:06
## 554                                         Guam 1/27/2016 18:25
## 555                           Christmas Island 6/16/2016 20:24
## 556                           Papua New Guinea 7/21/2016 10:01
## 557                                     Bahamas 4/21/2016 18:31
## 558                                     Comoros  7/20/2016 1:56
## 559                              Western Sahara 2/26/2016 17:14
## 560                                   Nicaragua 1/16/2016 17:56
## 561                                         Guam   4/1/2016 1:57
## 562                                      Vanuatu  6/24/2016 8:42
## 563                                      Bolivia 5/27/2016 18:45
## 564                                       Malawi 5/26/2016 15:40
## 565                                    Venezuela   4/6/2016 1:19
## 566                                        Nepal  1/8/2016 19:38
## 567                                United Kingdom 2/24/2016 19:08
## 568                                      Albania  3/10/2016 7:07
## 569                                   Madagascar  4/29/2016 7:49
## 570                                       Guyana 4/10/2016 16:08
## 571                                        Yemen 4/27/2016 18:25
## 572                                        India  5/10/2016 4:28
## 573                                  Puerto Rico  1/3/2016 23:21
## 574                United States Virgin Islands 2/15/2016 16:52
## 575                         Antigua and Barbuda   3/9/2016 2:07
## 576                               French Guiana  1/9/2016 17:33
## 577                         Antigua and Barbuda   2/3/2016 5:47
## 578                                Turkmenistan   1/2/2016 9:30
## 579                                    Honduras   1/4/2016 7:28
## 580                                  Seychelles  1/7/2016 21:21
## 581                                      Cyprus  7/24/2016 0:22
## 582                 Saint Pierre and Miquelon 2/13/2016 13:57
## 583                                      Poland  5/8/2016 10:25
## 584                                      Taiwan 2/17/2016 18:50
## 585                                Cote d'Ivoire 1/22/2016 19:43
## 586                                   Micronesia 7/20/2016 13:21
## 587                                      Liberia  1/5/2016 20:58
## 588                                 Saudi Arabia  1/29/2016 5:39
## 589                                        Nepal 6/17/2016 20:18
## 590                                        Ghana 2/23/2016 13:55
## 591                                         Iran  7/9/2016 11:18
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## 592                                    New Zealand 3/19/2016 11:09
## 593                          Libyan Arab Jamahiriya  1/29/2016 7:14
## 594                                      Sri Lanka  6/14/2016 7:02
## 595                           United Arab Emirates  5/18/2016 3:19
## 596                                      Indonesia  1/30/2016 9:54
## 597        Saint Vincent and the Grenadines 4/25/2016 16:58
## 598                                     Mongolia 1/14/2016 16:30
## 599                                     Honduras   7/6/2016 5:34
## 600                           Papua New Guinea  4/7/2016 10:51
## 601                            Kyrgyz Republic  4/17/2016 5:08
## 602                                     Ethiopia 1/28/2016 17:03
## 603                                       Rwanda 2/18/2016 22:42
## 604                            Kyrgyz Republic 6/24/2016 21:09
## 605                                     Grenada  6/20/2016 4:24
## 606                                        Togo 2/14/2016 16:33
## 607                                    Pakistan 2/27/2016 13:51
## 608         Falkland Islands (Malvinas)  5/7/2016 15:16
## 609                                      Jersey 3/16/2016 20:10
## 610                             Cayman Islands  6/26/2016 2:06
## 611                               South Africa 7/17/2016 14:26
## 612                                 Micronesia 1/28/2016 16:42
## 613                                 Tajikistan 6/16/2016 18:04
## 614                                    Bolivia 6/19/2016 23:21
## 615                                   Cameroon 5/24/2016 17:42
## 616                                    Ecuador  3/1/2016 22:06
## 617                                     Zambia  1/31/2016 8:50
## 618                                Guinea-Bissau 4/30/2016 15:27
## 619                                 Micronesia 1/13/2016 20:38
## 620                                    Bahamas 3/30/2016 16:15
## 621                                 Cape Verde 4/29/2016 18:53
## 622                             French Polynesia 6/14/2016 19:48
## 623                                Saudi Arabia 7/15/2016 15:43
## 624                                      France  3/24/2016 5:38
## 625                                     Burundi 4/26/2016 20:57
## 626                                      Latvia  1/12/2016 3:28
## 627                                     Morocco  4/9/2016 23:26
## 628                                   Venezuela  3/28/2016 9:15
## 629                                       Palau 6/23/2016 11:05
## 630                                 Isle of Man  1/24/2016 1:53
## 631                                        Peru 4/15/2016 10:18
## 632                                     Belgium 4/26/2016 13:13
## 633                                     Croatia 5/16/2016 23:21
## 634                                      France  1/18/2016 2:51
## 635                                    Slovenia  6/20/2016 8:34
## 636                                        Peru  7/18/2016 4:53
## 637                                     Belarus   7/1/2016 1:12
## 638                                     Bolivia  3/7/2016 22:51
## 639                                       Benin  5/2/2016 15:31
## 640                           Wallis and Futuna  7/23/2016 6:18
## 641                                  Azerbaijan  6/12/2016 3:11
## 642                                    Mongolia 2/15/2016 20:41
## 643                                     Denmark  1/23/2016 1:42
## 644                          Russian Federation  2/26/2016 1:18
## 645                                      Brazil  1/11/2016 2:07
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## 646                                          Ethiopia  4/4/2016 13:56
## 647                                            Guyana  1/14/2016 9:27
## 648                                          Ethiopia  4/25/2016 3:18
## 649                                         Mauritius  3/5/2016 23:02
## 650                                          Djibouti  1/6/2016 21:43
## 651                                Syrian Arab Republic  2/18/2016 3:58
## 652                                        Saint Martin 4/16/2016 14:15
## 653                               Netherlands Antilles  2/24/2016 6:18
## 654                                            Greece  6/29/2016 1:19
## 655                                         Madagascar   1/5/2016 6:34
## 656                                            Senegal 7/16/2016 10:14
## 657                                       Burkina Faso  6/17/2016 3:23
## 658                                     Czech Republic 6/13/2016 11:06
## 659                  Lao People's Democratic Republic   4/5/2016 8:18
## 660                               Netherlands Antilles 4/17/2016 18:38
## 661                                              Qatar  2/3/2016 16:54
## 662                                            Andorra 4/18/2016 21:07
## 663                                      Liechtenstein 6/18/2016 22:31
## 664                                              China  3/12/2016 7:18
## 665                                            Vietnam  1/15/2016 1:20
## 666                                         Tajikistan 2/12/2016 10:39
## 667                                            Eritrea  2/16/2016 2:29
## 668                                             Monaco  4/4/2016 21:23
## 669                                             Israel  4/24/2016 1:48
## 670                                            Hungary  5/20/2016 0:00
## 671                                          Singapore  5/15/2016 3:10
## 672                                               Cuba  1/7/2016 23:02
## 673                                            Reunion 7/19/2016 12:05
## 674                                             Zambia   4/4/2016 0:02
## 675                                              Gabon  6/10/2016 4:21
## 676                                           Dominica 3/11/2016 14:50
## 677                                            Bahamas 1/14/2016 20:58
## 678                                             Tokelau  6/22/2016 5:22
## 679                                       Turkmenistan  3/19/2016 8:00
## 680                                            Belgium 4/15/2016 15:07
## 681                                       French Guiana  3/28/2016 2:29
## 682                                          Martinique 1/22/2016 15:03
## 683                                     French Polynesia 6/25/2016 17:33
## 684                                            Ecuador  3/4/2016 14:33
## 685                                        Puerto Rico  6/29/2016 2:48
## 686                               United Arab Emirates  6/18/2016 1:42
## 687                                       Burkina Faso  1/31/2016 9:57
## 688                                         Luxembourg 5/22/2016 15:17
## 689                                            Jamaica 7/22/2016 11:05
## 690 Antarctica (the territory South of 60 deg S) 7/13/2016 14:05
## 691                                              China 2/11/2016 11:50
## 692                                     Western Sahara 3/16/2016 20:33
## 693                                            Lebanon 4/25/2016 19:31
## 694                                          Hong Kong 7/14/2016 22:43
## 695                                            Vanuatu  5/30/2016 8:02
## 696                                            Vanuatu 2/14/2016 11:36
## 697                                          Guatemala 1/23/2016 21:15
## 698                                          Greenland  7/18/2016 2:51
## 699                                Syrian Arab Republic  2/10/2016 8:21
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## 700                                    Saint Helena   1/4/2016 6:37
## 701                                         Lebanon  6/5/2016 21:38
## 702                                           Malta   6/1/2016 3:17
## 703                                Christmas Island   3/6/2016 6:51
## 704                                         Ukraine 2/26/2016 19:35
## 705                                           Malta 7/13/2016 14:30
## 706                                           Italy  6/29/2016 7:20
## 707                                           Japan  3/15/2016 6:54
## 708                                       Mauritius  6/11/2016 6:47
## 709                                          Turkey 7/17/2016 13:22
## 710                                         Namibia 2/14/2016 14:38
## 711                                           China   5/4/2016 5:01
## 712                                     Netherlands 5/20/2016 12:17
## 713                                       Gibraltar  1/26/2016 2:47
## 714                                           Congo  7/7/2016 18:07
## 715                                         Senegal 1/11/2016 12:46
## 716                                         Hungary 5/12/2016 12:11
## 717                                Pitcairn Islands 2/28/2016 23:21
## 718                  Slovakia (Slovak Republic)  5/3/2016 16:02
## 719                United States Virgin Islands 3/15/2016 20:19
## 720                                          Monaco  7/23/2016 5:21
## 721                                        Portugal 3/11/2016 10:01
## 722                                          Turkey 2/11/2016 20:45
## 723                                          Uganda  7/6/2016 23:09
## 724                                  Norfolk Island 3/22/2016 19:14
## 725                                            Niue 5/26/2016 13:28
## 726                                         Ukraine 6/18/2016 19:10
## 727                                         Vanuatu  3/20/2016 7:12
## 728  United States Minor Outlying Islands   6/3/2016 7:00
## 729                                         Armenia  2/3/2016 15:15
## 730                                          Sweden  5/3/2016 16:55
## 731                                      Timor-Leste  6/20/2016 2:25
## 732                 French Southern Territories 7/10/2016 19:15
## 733                                         Finland   1/4/2016 4:00
## 734     Saint Vincent and the Grenadines 4/20/2016 16:49
## 735                                         Senegal 1/23/2016 13:14
## 736                                         Burundi  1/4/2016 22:27
## 737                                         Bahamas  4/8/2016 22:40
## 738                                          Sweden  1/5/2016 11:53
## 739                Svalbard & Jan Mayen Islands 3/17/2016 22:24
## 740                                           Tonga  6/29/2016 4:23
## 741                                           Korea 5/25/2016 19:45
## 742                                 Kyrgyz Republic 6/17/2016 23:19
## 743                                      Costa Rica  4/24/2016 7:20
## 744                                   Liechtenstein 3/18/2016 13:00
## 745                                        Zimbabwe 4/28/2016 21:58
## 746                                      Costa Rica  2/12/2016 8:46
## 747                                         Hungary 7/11/2016 13:23
## 748                                            Fiji  1/29/2016 0:45
## 749                                     Netherlands  1/5/2016 16:26
## 750                                          Sweden  6/20/2016 8:22
## 751                                        Barbados  2/6/2016 17:48
## 752                                        Paraguay 6/22/2016 17:19
## 753                                           Italy  4/16/2016 5:24
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## 754                                          Belarus  1/17/2016 5:07
## 755 South Georgia and the South Sandwich Islands  7/8/2016 22:30
## 756                                         Anguilla  3/11/2016 0:05
## 757                                     Sierra Leone  6/10/2016 0:35
## 758                                     Saint Martin   1/4/2016 0:44
## 759                                           Uganda  1/1/2016 15:14
## 760                                     Saudi Arabia 7/10/2016 17:24
## 761                                        Greenland 3/27/2016 19:50
## 762                                        Venezuela 4/29/2016 13:38
## 763                                          Liberia  1/8/2016 18:13
## 764                                             Mali   6/5/2016 7:54
## 765                       Bosnia and Herzegovina 6/29/2016 10:50
## 766                           Brunei Darussalam 4/24/2016 13:46
## 767 South Georgia and the South Sandwich Islands  2/14/2016 4:14
## 768                                   Czech Republic  6/15/2016 5:43
## 769                                      El Salvador  7/6/2016 12:04
## 770                                          Tokelau 3/31/2016 13:54
## 771                                           France  6/21/2016 0:52
## 772                                            Gabon  5/27/2016 5:23
## 773                                         Bulgaria 1/17/2016 18:45
## 774                                     Burkina Faso  4/7/2016 20:34
## 775                                          Mayotte  5/2/2016 18:37
## 776                                          Somalia  6/4/2016 17:24
## 777                                          Albania  4/7/2016 18:52
## 778                                          Bolivia 6/10/2016 22:21
## 779                                           Jersey  5/19/2016 6:37
## 780                       British Virgin Islands 3/28/2016 23:01
## 781                                     Saint Helena 1/21/2016 22:51
## 782                       Bosnia and Herzegovina  3/12/2016 6:05
## 783                                            India   6/4/2016 9:13
## 784                                          Georgia 5/24/2016 10:16
## 785 United States Minor Outlying Islands  3/25/2016 6:36
## 786                                         Kiribati  4/22/2016 0:28
## 787                                            Ghana  3/22/2016 4:13
## 788                                            Samoa  1/14/2016 8:27
## 789                                             Iran 4/14/2016 21:37
## 790                                       Costa Rica 5/31/2016 17:50
## 791                     Northern Mariana Islands  3/17/2016 6:25
## 792                                    Liechtenstein  4/13/2016 7:07
## 793                                          Grenada  2/3/2016 22:11
## 794                                           Poland  2/2/2016 19:59
## 795                                            Kenya  4/7/2016 20:38
## 796                                             Iran 3/15/2016 19:35
## 797                                          Belgium 3/11/2016 12:39
## 798                                          Namibia 5/17/2016 18:06
## 799                                           Cyprus 2/28/2016 23:10
## 800                                            Japan   3/2/2016 6:35
## 801                                         Zimbabwe  2/27/2016 8:52
## 802                                          Andorra  3/14/2016 4:34
## 803                                       Luxembourg 3/10/2016 15:07
## 804                                           Cyprus   5/1/2016 8:27
## 805                                           Turkey 6/12/2016 11:17
## 806                                        Hong Kong 5/28/2016 12:20
## 807                                      Netherlands  3/18/2016 9:08
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## 808                        United States Virgin Islands  5/26/2016 6:03
## 809                                     Marshall Islands   7/6/2016 3:40
## 810                                      Western Sahara 4/29/2016 14:10
## 811                  Saint Vincent and the Grenadines  3/5/2016 20:53
## 812                          United States of America  5/30/2016 8:35
## 813                                              Angola  4/10/2016 6:32
## 814                                       Cayman Islands  1/20/2016 2:31
## 815                                           Swaziland 7/20/2016 21:53
## 816                                  Wallis and Futuna  1/17/2016 4:12
## 817                                            Zimbabwe  2/24/2016 7:13
## 818                                                Chad 3/26/2016 19:37
## 819                                         Saint Martin   6/4/2016 9:25
## 820                                               Rwanda  4/22/2016 7:48
## 821                                             Moldova  3/31/2016 8:53
## 822                                               Gabon  4/16/2016 8:36
## 823                                             Denmark 5/12/2016 20:57
## 824                      Svalbard & Jan Mayen Islands  5/7/2016 21:32
## 825                                              Poland  6/25/2016 0:33
## 826                                                Fiji  3/23/2016 5:27
## 827                                         Philippines  3/4/2016 13:47
## 828                                             Vietnam 6/14/2016 12:08
## 829                                              Jersey 5/11/2016 19:13
## 830                                           Indonesia 1/21/2016 23:33
## 831                         Palestinian Territory 1/15/2016 19:45
## 832                                              Latvia  4/23/2016 9:42
## 833                                               Malta  5/23/2016 8:06
## 834                                         Afghanistan 2/27/2016 15:04
## 835                                             Austria 2/23/2016 17:37
## 836                                           Micronesia 3/17/2016 22:59
## 837                                              Mexico  2/28/2016 3:34
## 838                                               Chile 3/15/2016 14:33
## 839                                                Cuba  3/3/2016 20:20
## 840                                              Belarus  4/6/2016 14:16
## 841                                              Malawi   5/1/2016 9:23
## 842                                         Afghanistan  5/30/2016 8:02
## 843                                          Luxembourg  4/4/2016 11:39
## 844                                        South Africa  4/6/2016 23:10
## 845                                               Nepal 4/26/2016 21:45
## 846                                               Spain  5/25/2016 0:34
## 847                                           Hong Kong 2/11/2016 16:45
## 848                 Slovakia (Slovak Republic)  1/30/2016 0:05
## 849                                       Cayman Islands 7/12/2016 10:56
## 850                                              Uganda  4/23/2016 3:46
## 851                                             Vanuatu 4/16/2016 10:36
## 852                                            Anguilla 3/11/2016 13:07
## 853                                         Switzerland  3/2/2016 15:39
## 854                                            Zimbabwe 7/13/2016 21:31
## 855                                             Uruguay 5/29/2016 18:12
## 856                                             Liberia 5/10/2016 17:13
## 857                                               Egypt   5/7/2016 8:39
## 858                                              Greece 1/17/2016 13:27
## 859                                             Bahrain   3/9/2016 6:22
## 860                                           Sri Lanka  4/5/2016 18:02
## 861                                          Kazakhstan   4/1/2016 7:37
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## 862                                    Greenland 2/15/2016 16:18
## 863                                      Moldova   3/8/2016 5:12
## 864                                       Poland  2/9/2016 23:38
## 865                                     Anguilla  6/17/2016 9:38
## 866                       Central African Republic  6/1/2016 12:27
## 867                                       Mexico 2/26/2016 23:44
## 868                                         Togo  3/11/2016 9:58
## 869                                      Armenia  4/28/2016 2:55
## 870                                    Nicaragua  4/12/2016 4:22
## 871                                      Eritrea 2/10/2016 20:43
## 872                                       Canada  5/1/2016 23:21
## 873                                      Croatia 3/24/2016 17:48
## 874                                  Switzerland 4/22/2016 19:45
## 875                                        Yemen  3/9/2016 12:10
## 876                                      Tokelau  3/30/2016 5:29
## 877                                      Armenia 1/24/2016 13:41
## 878                           Equatorial Guinea  7/15/2016 9:42
## 879                                    Barbados   6/7/2016 5:41
## 880                               American Samoa 5/31/2016 23:32
## 881                                  Saint Lucia 5/14/2016 14:49
## 882                                      Algeria 1/10/2016 20:18
## 883                                   Turkmenistan 2/21/2016 16:57
## 884                                      Mayotte  5/23/2016 0:32
## 885                                 South Africa 7/21/2016 20:30
## 886                                        Macao 5/15/2016 18:44
## 887                                       France  6/30/2016 0:43
## 888                           Equatorial Guinea  2/24/2016 6:17
## 889                                         Mali 5/30/2016 21:22
## 890                                      Mayotte   6/2/2016 4:14
## 891                                     Pakistan  4/18/2016 7:00
## 892                                   Guadeloupe 2/29/2016 18:06
## 893                                      Denmark 5/27/2016 12:45
## 894                                  New Zealand 1/12/2016 21:17
## 895                         Netherlands Antilles 1/27/2016 17:08
## 896                                      Belarus  6/10/2016 3:56
## 897                                       Taiwan   4/9/2016 9:26
## 898                                  El Salvador  2/26/2016 6:00
## 899                                       Taiwan 2/21/2016 23:07
## 900                                         Peru 4/29/2016 14:08
## 901                                      Liberia 2/11/2016 17:02
## 902                                      Burundi  7/22/2016 7:44
## 903                                        Macao  6/26/2016 2:34
## 904                                    Venezuela 5/14/2016 23:08
## 905                                   Luxembourg 5/24/2016 10:04
## 906                                        Italy 2/16/2016 12:05
## 907                                   San Marino  3/20/2016 2:44
## 908                                   Madagascar  1/31/2016 5:12
## 909                               Norfolk Island   4/1/2016 5:17
## 910                                      Vanuatu 2/25/2016 16:33
## 911                                      Tunisia 3/21/2016 11:02
## 912                                    Paraguay  2/12/2016 5:20
## 913                                   Macedonia  6/1/2016 16:10
## 914          Heard Island and McDonald Islands  6/16/2016 3:17
## 915                                     Ethiopia 3/26/2016 15:28
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## 916                                    El Salvador  2/16/2016 7:37
## 917                                          Niger  2/28/2016 9:31
## 918                                  Timor-Leste  5/18/2016 1:00
## 919                                      Uruguay 2/21/2016 13:11
## 920                                      Somalia  1/5/2016 12:59
## 921                                    Malaysia  5/18/2016 0:07
## 922                                      Korea  3/6/2016 23:26
## 923                    Lao People's Democratic Republic  5/19/2016 4:23
## 924                                    Bahamas 4/29/2016 20:40
## 925                                     Guyana   5/3/2016 1:09
## 926                                   Ethiopia 6/27/2016 21:51
## 927                          Bosnia and Herzegovina   2/8/2016 7:33
## 928                                     Cyprus  2/22/2016 7:04
## 929                                  Singapore  3/21/2016 8:13
## 930                             Dominican Republic  5/31/2016 0:58
## 931                                    Bermuda   1/1/2016 5:31
## 932                                    Jamaica  5/27/2016 8:53
## 933                               Saint Barthelemy   5/9/2016 7:13
## 934                                    Albania  6/27/2016 1:56
## 935                                 Mozambique   6/3/2016 4:51
## 936                                   Zimbabwe  2/24/2016 0:44
## 937                                    Georgia  3/5/2016 12:03
## 938                                     Brazil 1/15/2016 22:49
## 939                              Syrian Arab Republic  2/12/2016 3:39
## 940                            Palestinian Territory 2/19/2016 20:49
## 941                                    Grenada  3/12/2016 2:48
## 942                                      Ghana  7/23/2016 4:04
## 943                                Brunei Darussalam   3/6/2016 9:33
## 944                                  Lithuania  2/24/2016 4:11
## 945                                   Maldives 2/17/2016 20:22
## 946                                    Lesotho   2/2/2016 4:57
## 947                                Czech Republic 1/27/2016 16:06
## 948                                    Iceland  5/24/2016 9:50
## 949                                Philippines  2/8/2016 22:45
## 950                                Cayman Islands  2/12/2016 1:55
## 951                                      Haiti  1/11/2016 8:18
## 952                                   Colombia   3/3/2016 3:51
## 953                                 Luxembourg 5/30/2016 20:08
## 954                           United Arab Emirates 4/22/2016 22:01
## 955                                    Ireland 5/25/2016 10:39
## 956                                     Canada   2/4/2016 3:10
## 957                    Svalbard & Jan Mayen Islands 2/21/2016 20:09
## 958                                      Malta  4/28/2016 1:24
## 959                                      Sudan 5/18/2016 19:33
## 960                                    Ecuador 2/17/2016 11:15
## 961                                    Senegal 6/19/2016 23:04
## 962                                   Cambodia  2/20/2016 9:54
## 963                                    Belarus 1/22/2016 12:58
## 964                                     Guyana 2/19/2016 13:26
## 965                                       Mali   1/3/2016 7:13
## 966                                       Iran   1/3/2016 4:39
## 967                                   Bulgaria 4/13/2016 13:04
## 968                                Afghanistan   1/1/2016 3:35
## 969                                    Liberia  3/27/2016 8:32
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## 970                                 Netherlands Antilles 7/10/2016 16:25
## 971                                            Hong Kong  6/25/2016 4:21
## 972                                                Palau 1/27/2016 14:41
## 973                                               Malawi 5/16/2016 18:51
## 974                                              Uruguay 2/27/2016 20:20
## 975                                               Cyprus 2/28/2016 23:54
## 976                                               Mexico  6/13/2016 6:11
## 977                                                Niger  5/5/2016 11:07
## 978                                               France  7/7/2016 12:17
## 979                                                Japan 5/24/2016 17:07
## 980                                       Norfolk Island 3/30/2016 14:36
## 981                                             Bulgaria  5/27/2016 5:54
## 982                                           Uzbekistan  1/3/2016 16:30
## 983                                               Mexico 6/25/2016 18:17
## 984                                    Brunei Darussalam 2/24/2016 10:36
## 985                                               France   3/3/2016 3:13
## 986                                                Yemen 4/21/2016 19:56
## 987                          Northern Mariana Islands  4/6/2016 17:26
## 988                                              Poland 3/23/2016 12:53
## 989                                             Bahrain  2/17/2016 7:00
## 990                         Saint Pierre and Miquelon  6/26/2016 7:01
## 991                                               Tonga 4/20/2016 13:36
## 992                                             Comoros 7/21/2016 16:02
## 993                                          Montenegro  3/6/2016 11:36
## 994                                           Isle of Man 2/11/2016 23:45
## 995                                              Mayotte   4/4/2016 3:57
## 996                                             Lebanon 2/11/2016 21:49
## 997                            Bosnia and Herzegovina  4/22/2016 2:07
## 998                                            Mongolia  2/1/2016 17:24
## 999                                           Guatemala  3/24/2016 2:35
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## 400              0
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## 563              0
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## 617              1
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## 699              0
## 700              0
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## 992              1
## 993              1
## 994              0
```
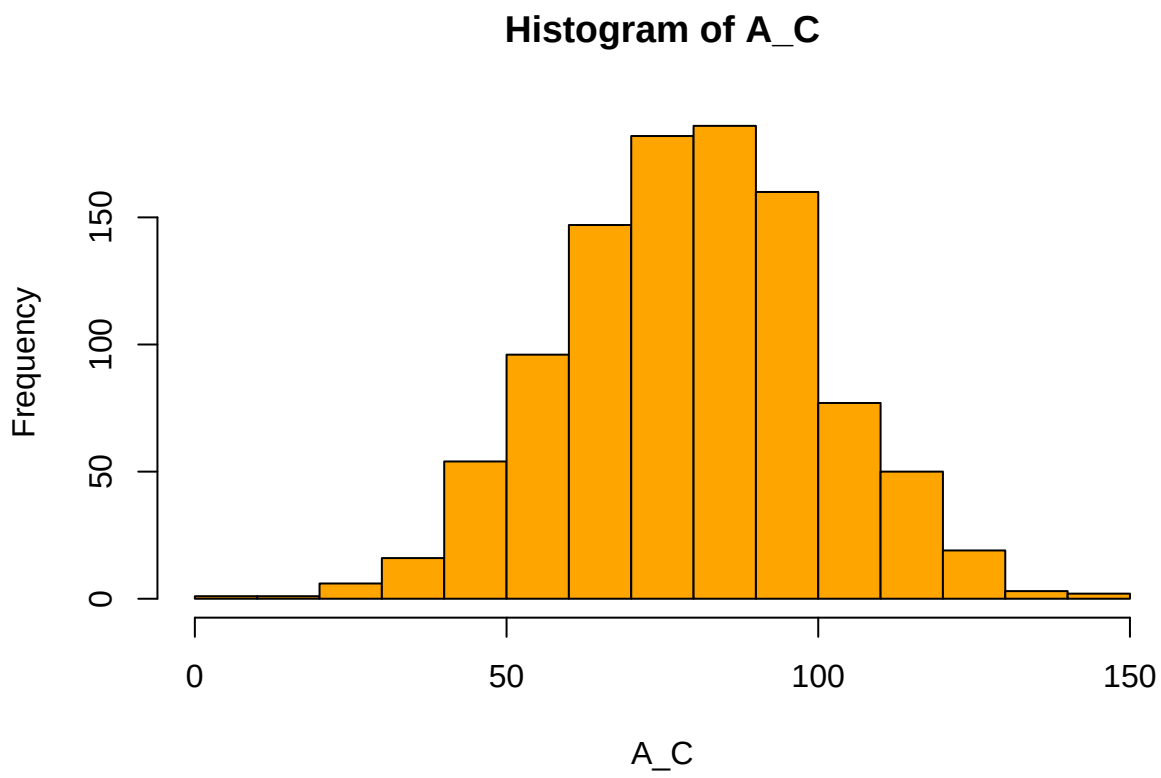

```
## 995              1
## 996              1
## 997              1
## 998              1
## 999              0
## 1000             1
```

```
#histogram checking frequency
A_C <- rnorm(n=1000,m=80,sd=20)
hist(A_C,col = "orange")
```




```
#installing ggplot
install.packages("ggplot2")
```

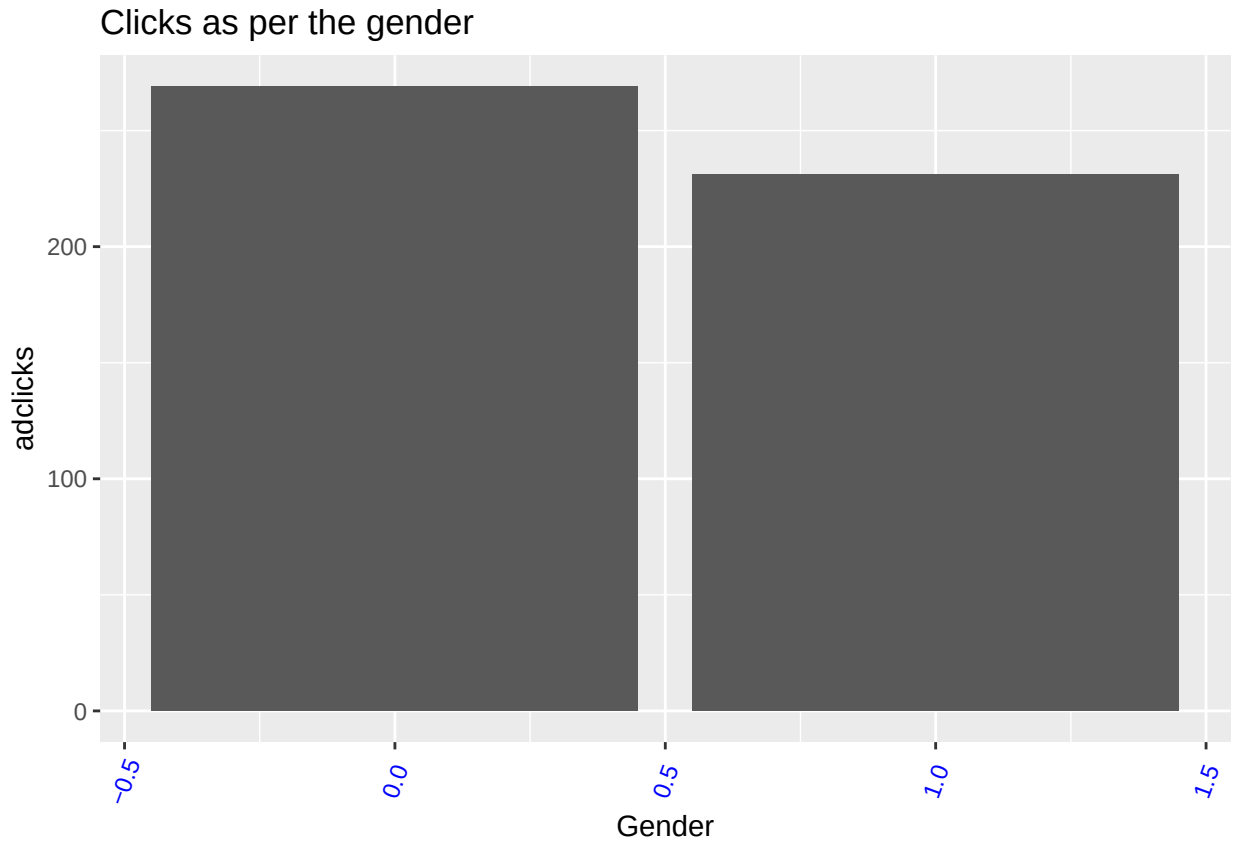
```
## Installing package into 'C:/Users/HP/Documents/R/win-library/3.5'
## (as 'lib' is unspecified)
```

```
## Warning: package 'ggplot2' is in use and will not be installed
```

```
library(ggplot2)
```

```
#checking the percentage of ad clicks
#prop.table(table(adclick$Clicked.on.Ad))
#this means shows that ourdata is balanced
#there is no form of bias
```

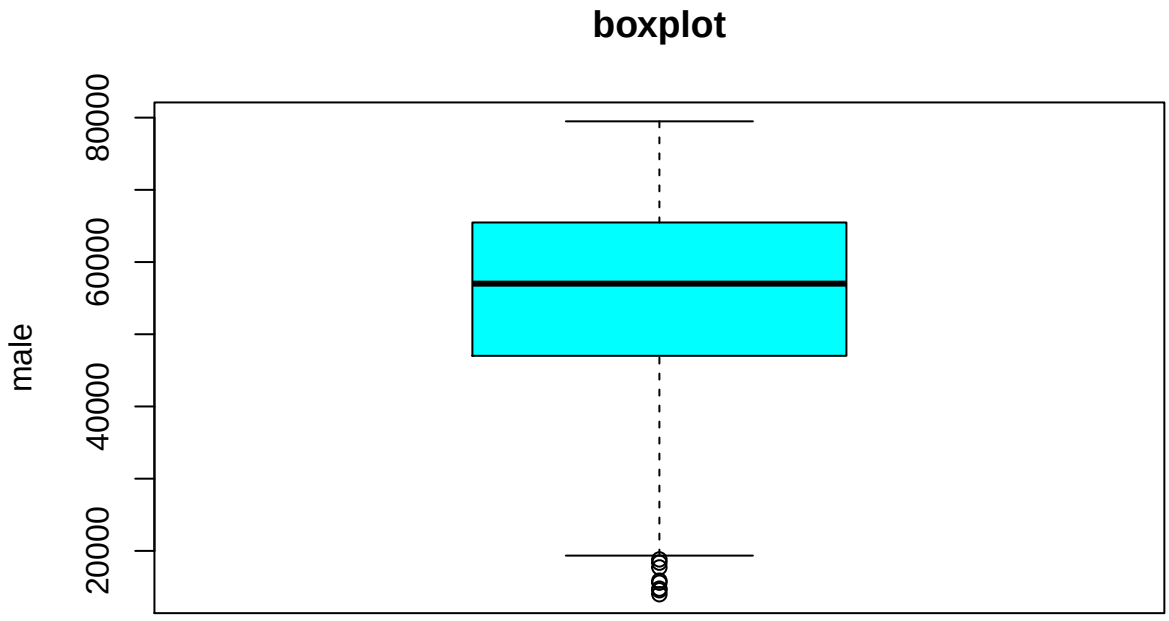
```
#Checking the adclick as per the gender
ggplot(adclick, aes(Male,Clicked.on.Ad )) + geom_bar( stat = "identity") + theme(axis.text.x = element_
```




```
#Males reported to have more clicks as compared to female
```

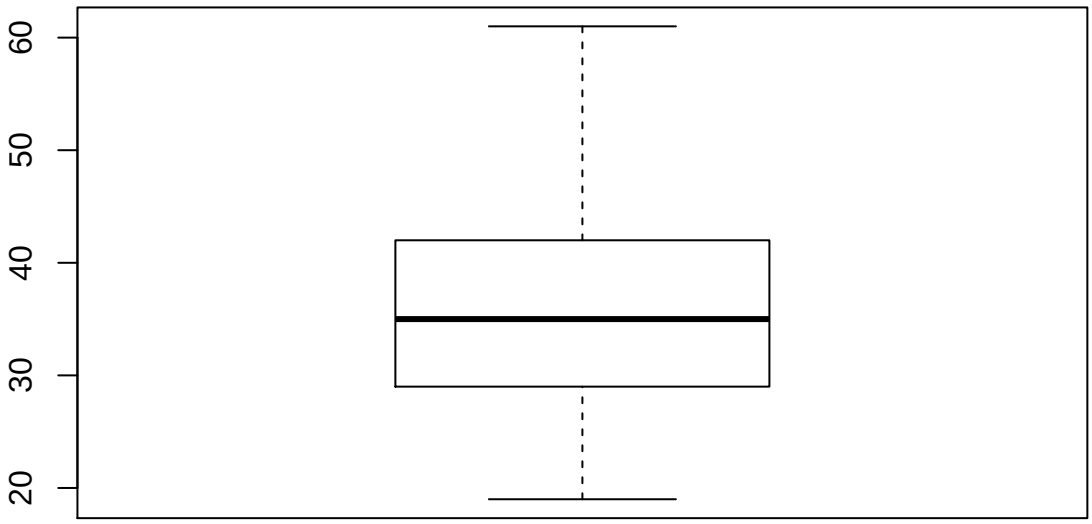
```
#Boxplots
```

```
#Dealing with outliers
#Developing a boxplot for the age
boxplot(adclick$Area.Income,main="boxplot",ylab="male",col=5)
```

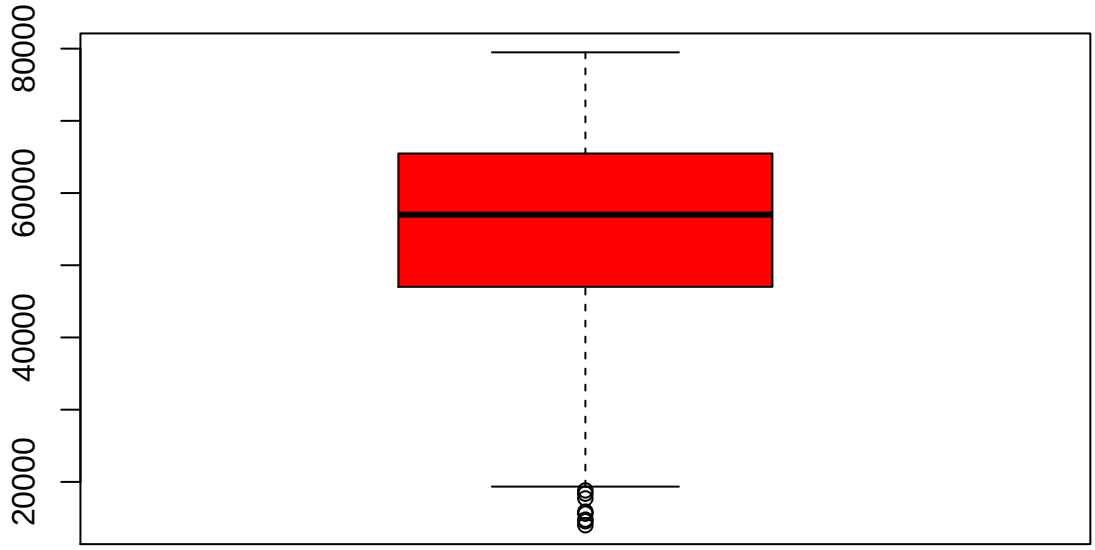



```
#Outliers where detected in the age column
```

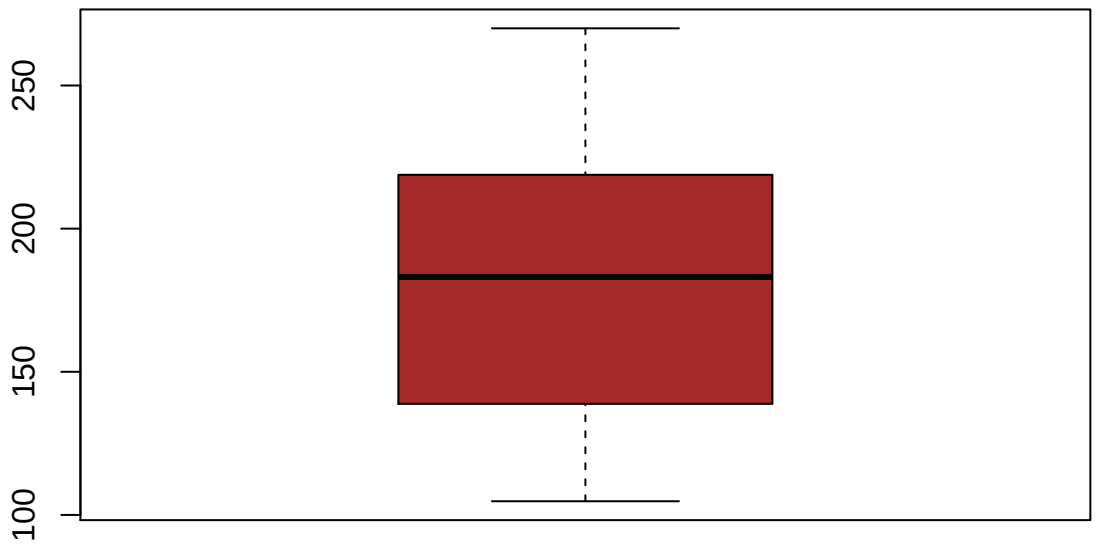
```
# box plot
boxplot(adclick$Age)
```



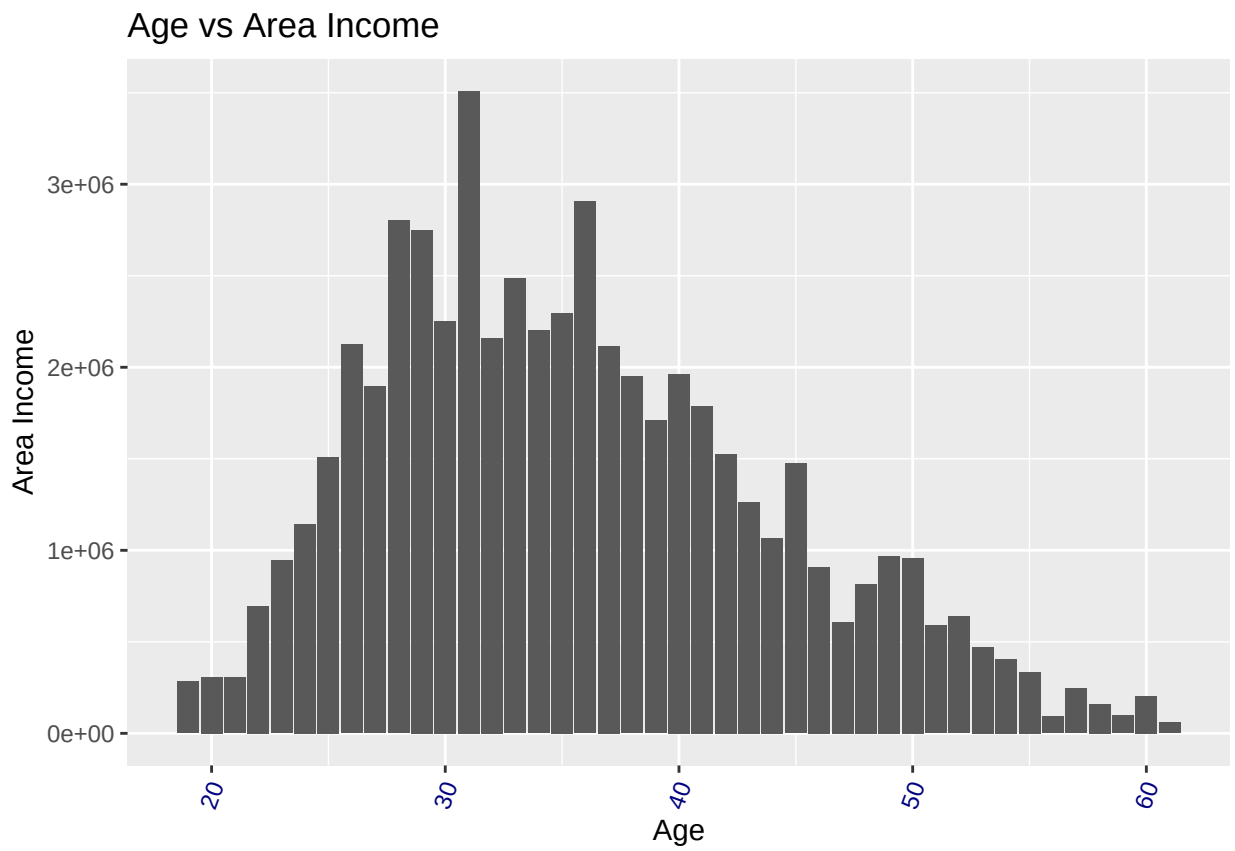

```
# box plot
boxplot(adclick$Area.Income,col = "red")
```




```
# box plot
boxplot(adclick$Daily.Internet.Usage,col = "brown")
```

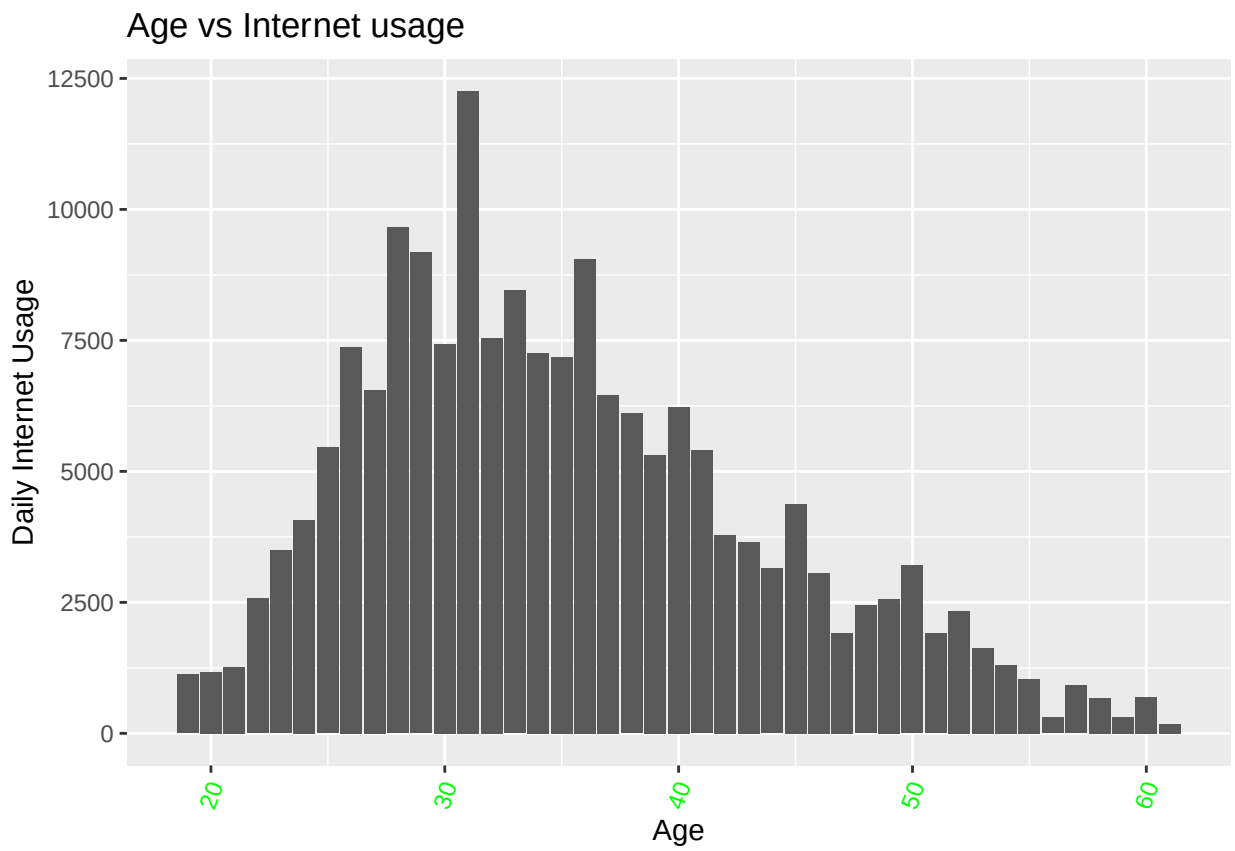



```
#Age vs income
ggplot(adclick, aes(Age,Area.Income )) + geom_bar( stat = "identity") +theme(axis.text.x = element_text
```



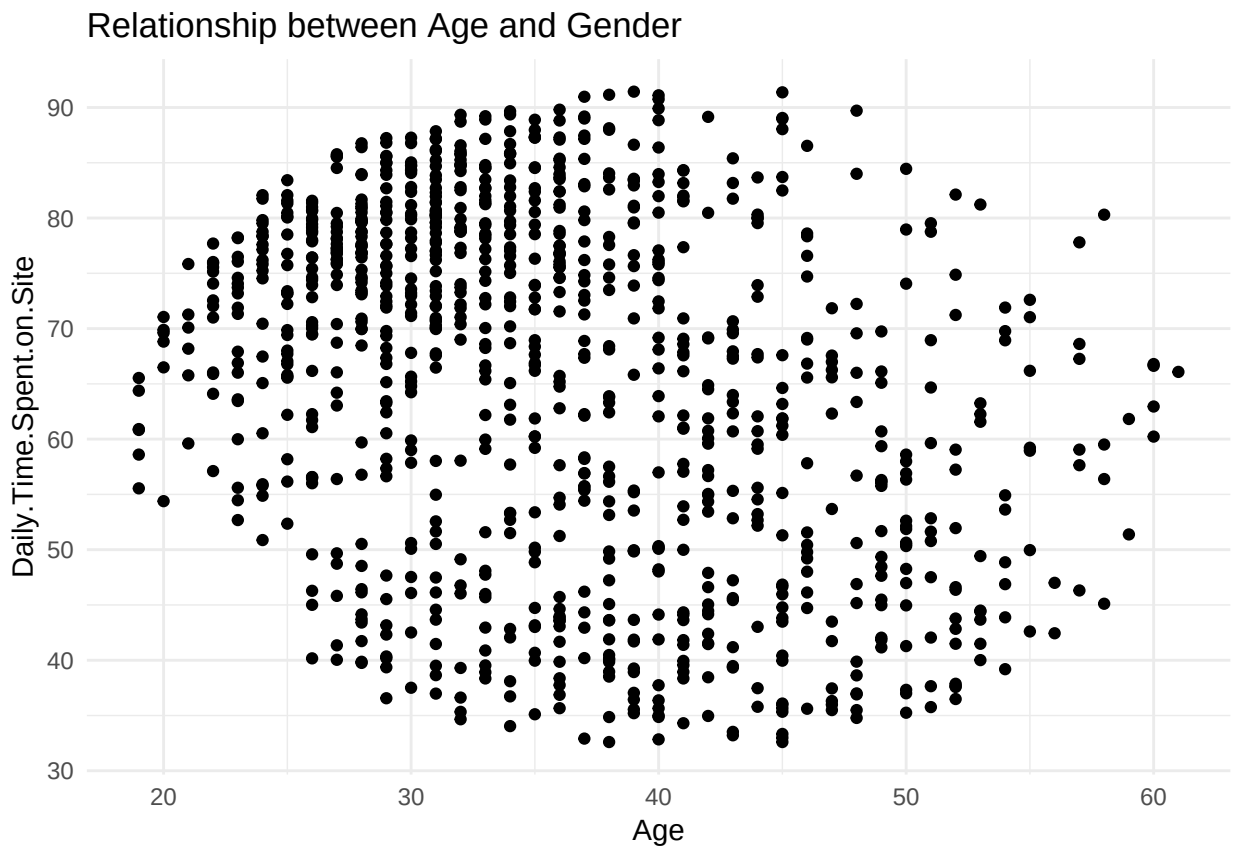

```
# age 31 has the highest Area Income will age 60 has the lowest
```

```
#Visualizing the Age vs Internet usage
ggplot(adclick,color="red", aes(Age,Daily.Internet.Usage),color="red") + geom_bar( stat = "identity") +
```

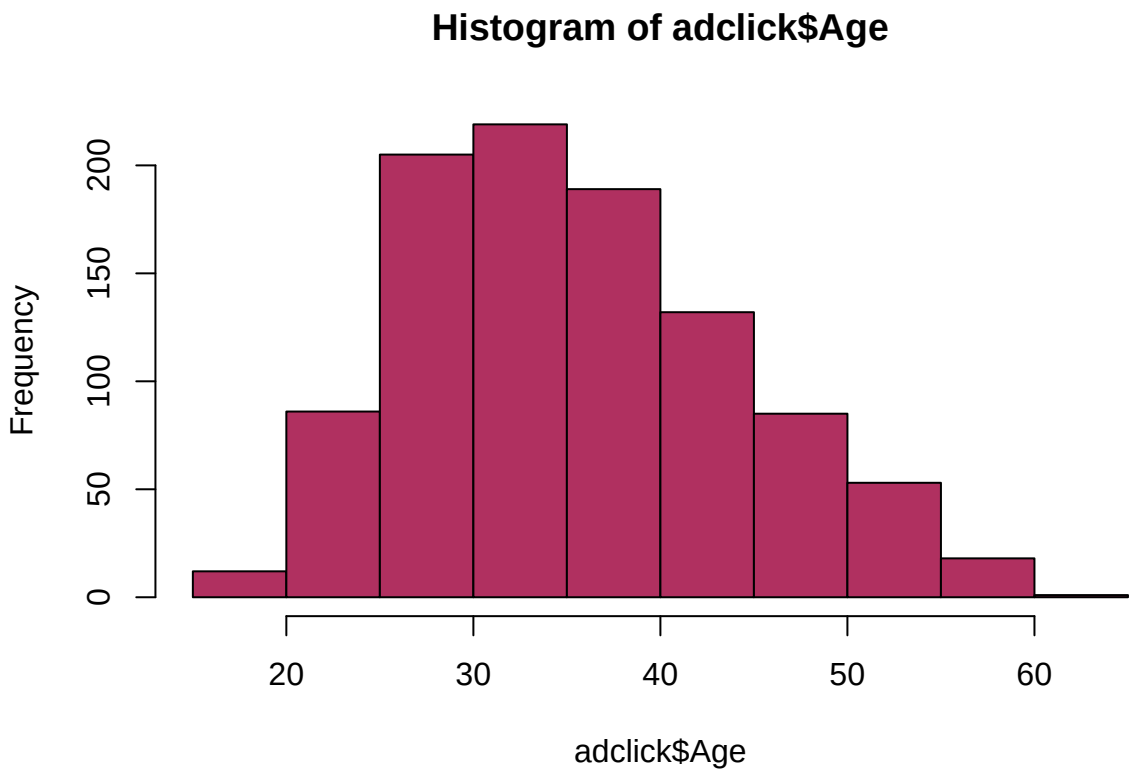



```
#People from ages 27 to 37 reported to be having the most internet usage
```

```
#Viewing the relationship between variables
ggplot(adclick,col="blue",aes(Age,Daily.Time.Spent.on.Site)) +
geom_point() +
theme_minimal() +
labs(title = "Relationship between Age and Gender")
```



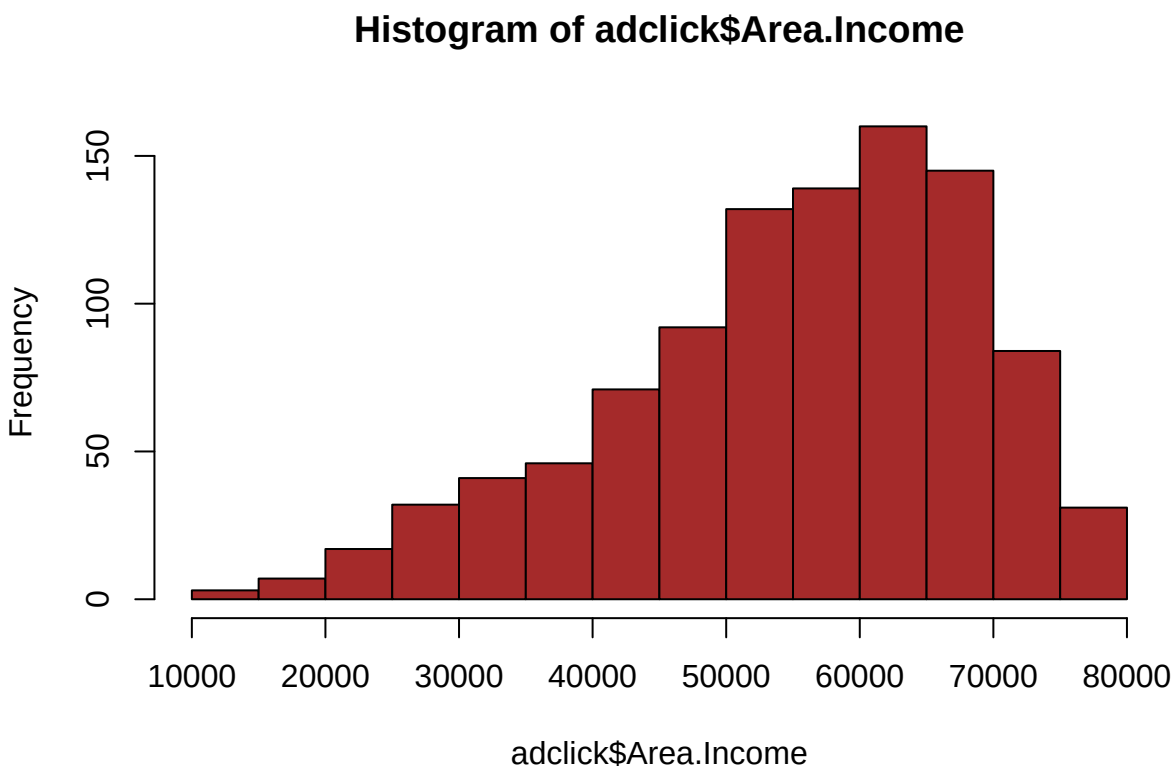

```
#Bivariate Analysis
#Comming up with hsitograms to check the distribution
hist(adclick$Age, col="maroon")
```




```
# Clearly, there is no relationship between the
```

#Ages ranging between 25 to 40 have the highest number of adclicks, ages(60) reported the lowest adclick

```
hist(adclick$Area.Income, col="brown")
```




# the highest income area Income lyies aboit 55000 and 70000, while the lowest Area Income is about 1000

```
#ChECKNG CORRELATIONS
cor(cars$speed, cars$dist)
```

```
## [1] 0.8068949
```

```
#corr between age and clicked ad
cor(adclick$Age, adclick$Clicked.on.Ad)
```

```
## [1] 0.4925313
```

```
#corr btw age and Daily Internet Usage
cor(adclick$Age,adclick$Daily.Internet.Usage)
```

```
## [1] -0.3672086
```

```
#install and import cowplot
install.packages("cowplot")
```

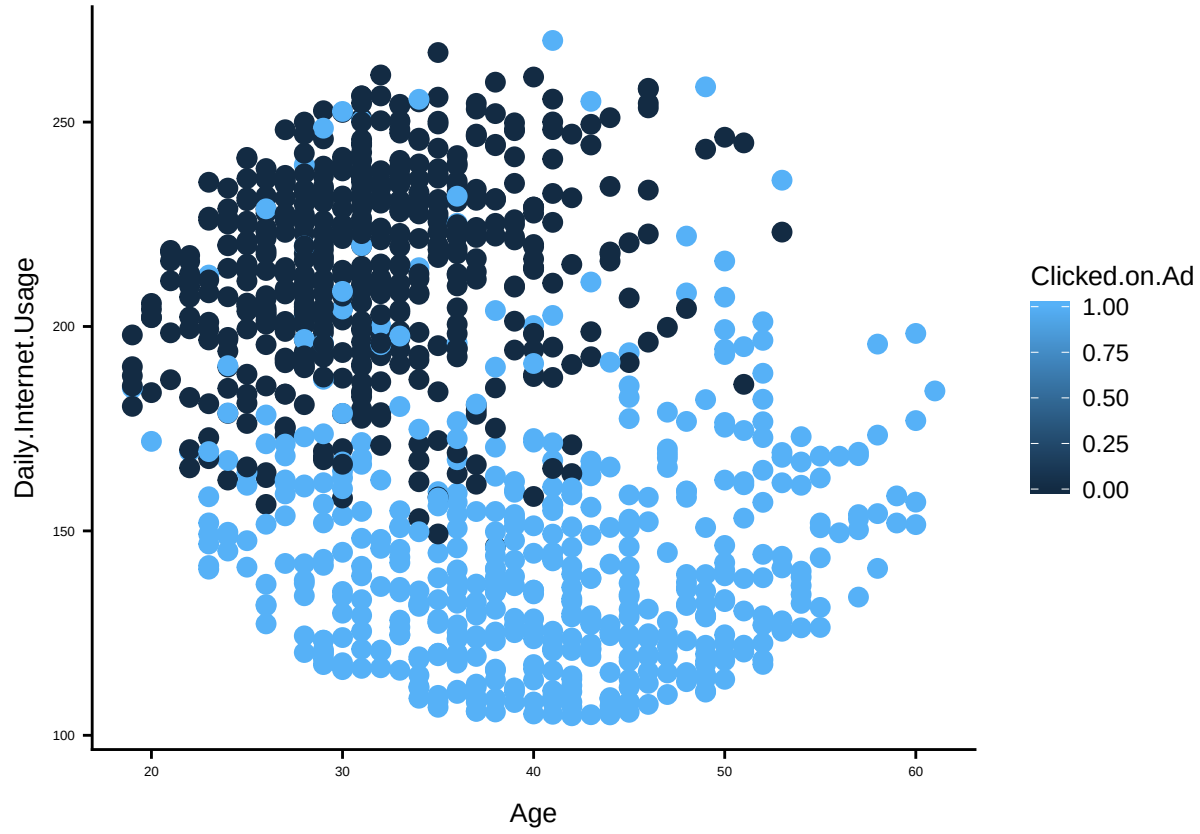
```
## Installing package into 'C:/Users/HP/Documents/R/win-library/3.5'
## (as 'lib' is unspecified)
```

```
## package 'cowplot' successfully unpacked and MD5 sums checked
##
## The downloaded binary packages are in
##  C:\Users\HP\AppData\Local\Temp\RtmpqouTkx\downloaded_packages
```

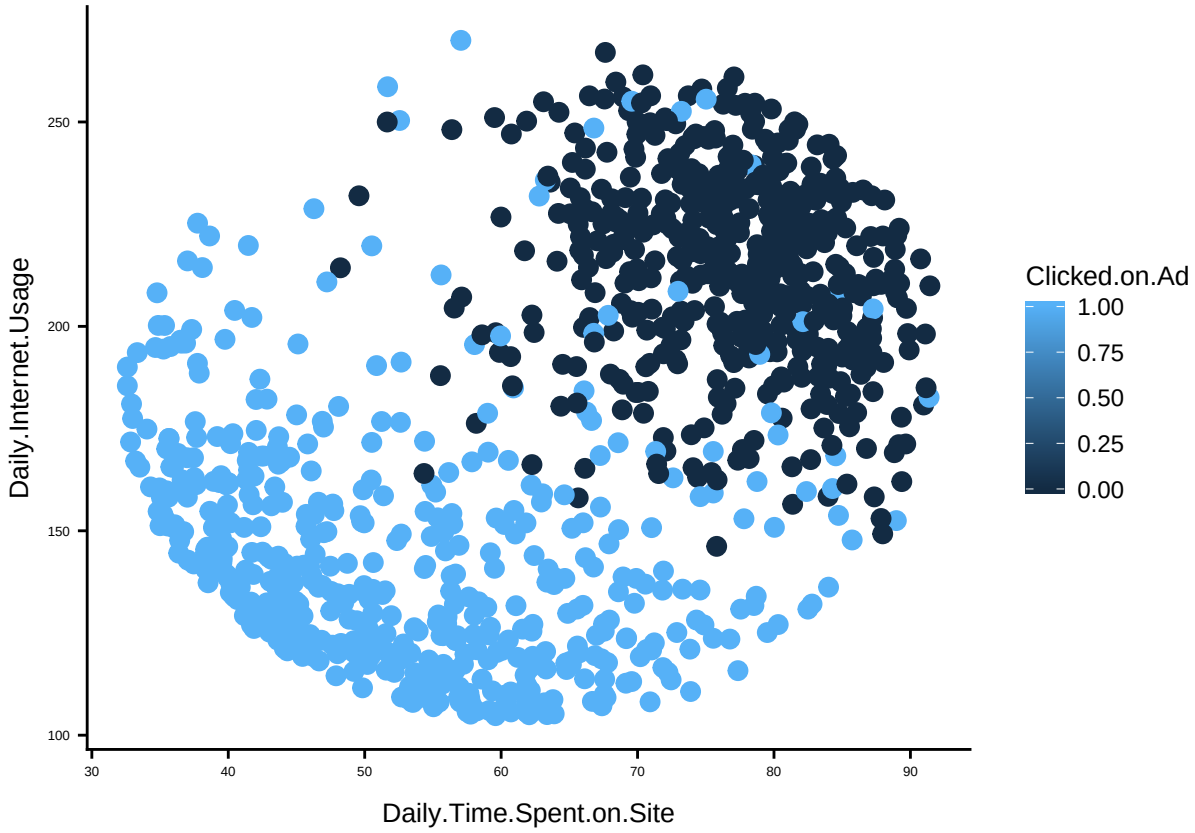
```
library(cowplot)
```

```
##
## Attaching package: 'cowplot'

## The following object is masked from 'package:ggplot2':
##
##     ggsave
```

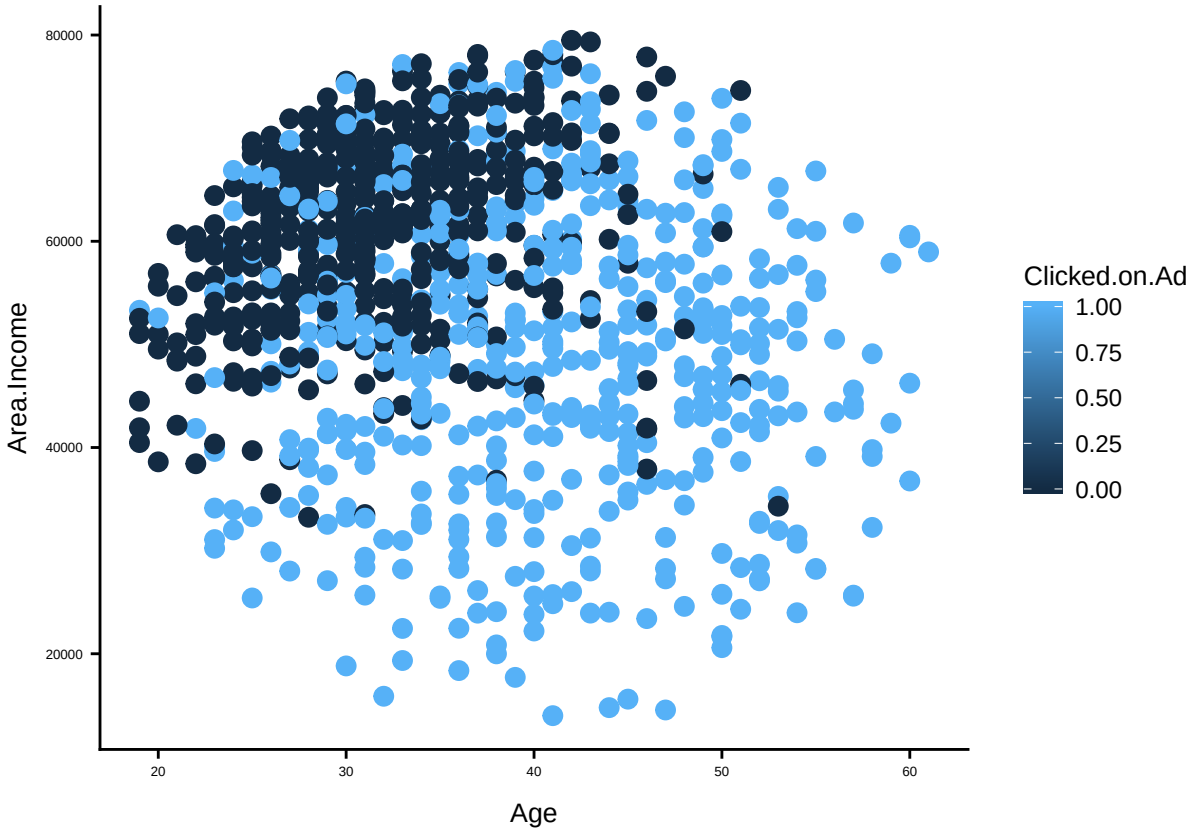
```
#bivariate
## GGplot
plot1 <- ggplot(adclick, aes(x = Age, y = Daily.Internet.Usage, color = Clicked.on.Ad)) + geom_point(si
 theme(text = element_text(size = 10), axis.text.x = element_text(size = 5),axis.text.y = element_text(
plot_grid(plot1)
```




```
##
##
plot2 <- ggplot(adclick, aes(x = Daily.Time.Spent.on.Site, y=Daily.Internet.Usage, color=Clicked.on.Ad)
 theme(text = element_text(size=10) ,axis.text.x = element_text(size = 5),axis.text.y = element_text(si
plot_grid(plot2)
```




```
##
##
plot3 <- ggplot(adclick, aes(x = Age, y = Area.Income, color=Clicked.on.Ad)) + geom_point(size=3)+
 theme(text = element_text(size=10) ,axis.text.x = element_text(size = 5),axis.text.y = element_text(si
plot_grid(plot3)
```




```
head(adclick)
```

```
##   Daily.Time.Spent.on.Site Age Area.Income Daily.Internet.Usage
## 1                    68.95  35    61833.90               256.09
## 2                    80.23  31    68441.85               193.77
## 3                    69.47  26    59785.94               236.50
## 4                    74.15  29    54806.18               245.89
## 5                    68.37  35    73889.99               225.58
## 6                    59.99  23    59761.56               226.74
##                           Ad.Topic.Line           City Male    Country
## 1    Cloned 5thgeneration orchestration    Wrightburgh    0    Tunisia
## 2    Monitored national standardization      West Jodi    1      Nauru
## 3      Organic bottom-line service-desk       Davidton    0 San Marino
## 4 Triple-buffered reciprocal time-frame West Terrifurt    1      Italy
## 5         Robust logistical utilization   South Manuel    0    Iceland
## 6       Sharable client-driven software      Jamieberg    1     Norway
##         Timestamp Clicked.on.Ad
## 1  3/27/2016 0:53             0
## 2   4/4/2016 1:39             0
## 3 3/13/2016 20:35             0
## 4  1/10/2016 2:31             0
## 5   6/3/2016 3:36             0
## 6 5/19/2016 14:30             0
```

```
install.packages('rsconnect')
```

```
## Installing package into 'C:/Users/HP/Documents/R/win-library/3.5'
## (as 'lib' is unspecified)

## package 'rsconnect' successfully unpacked and MD5 sums checked
##
## The downloaded binary packages are in
##  C:\Users\HP\AppData\Local\Temp\RtmpqouTkx\downloaded_packages
```

```
library(rsconnect)
```

```
#Modelling
```