campaign_ad_data_analysis

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```
knitr::opts_chunk$set(fig.width=12, fig.height=8, fig.path='Figs/',
                      echo=TRUE, warning=TRUE, message=TRUE)
```

##RMarkdown

R PROGRAMMING BASICS: EXPLOLATORY DATA ANALYSIS

1Defining the problem

The research problem in this case is to find out individuals that are likely to click on a blog advert based on their characteristics which include; Age Daily Time spent on site Area of residence Internet Usage Gender Country of residence

2.Metric of Success

The metric success of this project is to identify clients likely to click on the ad after performing intense data analysis(EDA).

3.Data Relevance

The data provided by the client is from the performance of a previous blog advert on the same website. The columns are as follows: * **Daily Time Spent on the site-Integer** * **Age of the individual browsing-Integer** * **Area of residence Internet Usage** * **Gender of the browsing individual** * **Country of Residence**

4.Understanding the Context

A Kenyan entrepreneur has created an online cryptography course and would want to advertise it on her blog. She currently targets audiences originating from various countries. In the past, she ran ads to advertise a related course on the same blog and collected data in the process. She would now like to employ your services as a Data Science Consultant to help her identify which individuals are most likely to click on her ads.To achieve this we will perform exploratory data analysis on a dataset using R programming language.

5.Experimental Design

- .Data Loading
- .Data cleaning for missing values and outliers
- .Exploratory Data Analysis
- .Conclusion-Detecting the trend in behaviour.

```
# To Save the commands used during the session
#savehistory(file="mylog.Rhistory")
```

6.Reading the Data

```
# Install the following packages:
#install.packages("foreign")
#library(foreign)
#install.packages("car")
#install.packages("Hmisc")
#install.packages("reshape")
```

```
advertising <- read.csv('http://bit.ly/IPAdvertisingData',header = TRUE,
                sep = ",",fileEncoding = "UTF-8-BOM")
```

7.Checking the Data

```
# Previewing top of th dataset
#first 6 rows
# ---
head(advertising)
```

```
##   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 2016-03-27 00:53:11             0
## 2 2016-04-04 01:39:02             0
## 3 2016-03-13 20:35:42             0
```

```
## 4 2016-01-10 02:31:19                 0
## 5 2016-06-03 03:36:18                 0
## 6 2016-05-19 14:30:17                 0
```

```r
head(advertising, n=10)# First 10 rows of dataset
```

```
##    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
##                           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
## 7             Enhanced dedicated support    Brandonstad    0     Myanmar
## 8              Reactive local challenge Port Jefferybury    1   Australia
## 9         Configurable coherent function     West Colin    1     Grenada
## 10     Mandatory homogeneous architecture      Ramirezton    1       Ghana
##              Timestamp Clicked.on.Ad
## 1  2016-03-27 00:53:11             0
## 2  2016-04-04 01:39:02             0
## 3  2016-03-13 20:35:42             0
## 4  2016-01-10 02:31:19             0
## 5  2016-06-03 03:36:18             0
## 6  2016-05-19 14:30:17             0
## 7  2016-01-28 20:59:32             0
## 8  2016-03-07 01:40:15             1
## 9  2016-04-18 09:33:42             0
## 10 2016-07-11 01:42:51             0
```

```r
head(advertising, n= -10) # All rows but the last 10
```

```
##    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
```

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```
## 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
```

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```
## 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
##                                                     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
```

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## 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
```

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## 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
##                          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
##                                   Country        Timestamp
## 1                                 Tunisia 2016-03-27 00:53:11
## 2                                   Nauru 2016-04-04 01:39:02
## 3                              San Marino 2016-03-13 20:35:42
## 4                                   Italy 2016-01-10 02:31:19
## 5                                 Iceland 2016-06-03 03:36:18
## 6                                  Norway 2016-05-19 14:30:17
## 7                                 Myanmar 2016-01-28 20:59:32
```

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## 8                                                    Australia 2016-03-07 01:40:15
## 9                                                      Grenada 2016-04-18 09:33:42
## 10                                                       Ghana 2016-07-11 01:42:51
## 11                                                       Qatar 2016-03-16 20:19:01
## 12                                                      Burundi 2016-05-08 08:10:10
## 13                                                        Egypt 2016-06-03 01:14:41
## 14                                       Bosnia and Herzegovina 2016-04-20 21:49:22
## 15                                                     Barbados 2016-03-24 09:31:49
## 16                                                        Spain 2016-03-09 03:41:30
## 17                                        Palestinian Territory 2016-01-30 19:20:41
## 18                                                  Afghanistan 2016-05-02 07:00:58
## 19 British Indian Ocean Territory (Chagos Archipelago) 2016-02-13 07:53:55
## 20                                           Russian Federation 2016-02-27 04:43:07
## 21                                                     Cameroon 2016-01-05 07:52:48
## 22                                                     Cameroon 2016-03-18 13:22:35
## 23                                                      Burundi 2016-05-20 08:49:33
## 24                                                        Korea 2016-03-23 09:43:43
## 25                                                      Tokelau 2016-06-13 17:27:09
## 26                                                       Monaco 2016-05-27 15:25:52
## 27                                                       Tuvalu 2016-02-08 10:46:14
## 28                                                       Greece 2016-07-19 08:32:10
## 29                                        British Virgin Islands 2016-04-14 05:08:35
## 30                                     Bouvet Island (Bouvetoya) 2016-01-27 12:38:16
## 31                                                         Peru 2016-07-02 20:23:15
## 32                                                        Aruba 2016-03-01 22:13:37
## 33                                                     Maldives 2016-07-15 05:05:14
## 34                                                      Senegal 2016-01-14 14:00:09
## 35                                                     Dominica 2016-03-15 03:12:25
## 36                                                   Luxembourg 2016-04-12 03:26:39
## 37                                                   Montenegro 2016-04-07 15:18:10
## 38                                                      Ukraine 2016-02-09 05:28:18
## 39                                                  Saint Helena 2016-05-07 17:11:49
## 40                                                      Liberia 2016-03-11 06:49:10
## 41                                           Russian Federation 2016-04-27 09:27:58
## 42                                                      Tunisia 2016-04-16 11:53:43
## 43                                                 Turkmenistan 2016-05-08 15:38:46
## 44                                                  Saint Helena 2016-02-08 00:23:38
## 45                                                        Niger 2016-02-11 13:26:22
## 46                                                 Turkmenistan 2016-02-17 13:16:33
## 47                                                        Qatar 2016-02-26 22:46:43
## 48                                                    Sri Lanka 2016-06-08 18:54:01
## 49                                          Trinidad and Tobago 2016-01-08 09:32:26
## 50                                                        Italy 2016-04-25 11:01:54
## 51                                        British Virgin Islands 2016-04-04 07:07:46
## 52                                               United Kingdom 2016-05-03 21:19:58
## 53                                                Guinea-Bissau 2016-01-17 09:31:36
## 54                                                   Micronesia 2016-03-02 04:57:51
## 55                                                       Turkey 2016-02-14 07:36:58
## 56                                                      Croatia 2016-04-07 03:56:16
## 57                                                       Israel 2016-02-17 11:42:00
## 58                                   Svalbard & Jan Mayen Islands 2016-04-10 00:13:47
## 59                                                   Azerbaijan 2016-02-14 17:05:15
## 60                                                         Iran 2016-05-26 22:49:47
## 61                                                      Burundi 2016-04-30 08:07:13
```

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## 62            Saint Vincent and the Grenadines 2016-06-15 05:30:13
## 63                                     Burundi 2016-03-09 14:45:33
## 64                                    Bulgaria 2016-03-31 20:55:22
## 65                             Christmas Island 2016-06-03 00:55:23
## 66                                      Canada 2016-03-10 23:36:03
## 67                                      Rwanda 2016-01-08 00:17:27
## 68                     Turks and Caicos Islands 2016-06-05 22:11:34
## 69                                     Tunisia 2016-01-16 11:35:01
## 70                              Norfolk Island 2016-04-22 20:10:22
## 71                   Bouvet Island (Bouvetoya) 2016-02-01 09:00:55
## 72                     Turks and Caicos Islands 2016-07-07 13:37:34
## 73                                Cook Islands 2016-03-08 00:37:54
## 74                                      Turkey 2016-05-10 17:39:06
## 75                                   Guatemala 2016-04-06 11:24:21
## 76                               Cote d'Ivoire 2016-04-01 16:21:05
## 77                               Faroe Islands 2016-01-05 04:18:46
## 78                                       Qatar 2016-05-20 21:31:24
## 79                                     Ireland 2016-02-03 07:59:16
## 80                                     Ukraine 2016-02-17 21:55:29
## 81                                     Moldova 2016-01-30 16:10:04
## 82                                   Nicaragua 2016-05-15 14:41:49
## 83                                  Montserrat 2016-01-05 17:56:52
## 84                                 Timor-Leste 2016-04-19 07:34:28
## 85                   Bouvet Island (Bouvetoya) 2016-03-15 15:49:14
## 86                                 Puerto Rico 2016-06-12 15:25:44
## 87                    Central African Republic 2016-07-01 04:41:57
## 88                                   Venezuela 2016-05-08 12:12:04
## 89                                   Australia 2016-03-14 23:13:11
## 90                            Wallis and Futuna 2016-05-25 00:19:57
## 91                                      Jersey 2016-05-13 11:51:10
## 92                                 Puerto Rico 2016-02-20 20:47:05
## 93                                       Samoa 2016-05-22 20:49:37
## 94                                      Greece 2016-04-10 02:02:36
## 95   Antarctica (the territory South of 60 deg S) 2016-02-28 06:41:44
## 96                                     Albania 2016-07-08 21:18:32
## 97                                   Hong Kong 2016-04-19 15:14:58
## 98                                   Lithuania 2016-01-08 22:47:10
## 99                                       Egypt 2016-03-28 08:46:26
## 100                                  Bangladesh 2016-07-02 14:57:53
## 101                              Western Sahara 2016-07-03 09:22:30
## 102                                      Serbia 2016-06-01 09:27:34
## 103                                    Maldives 2016-07-09 14:55:36
## 104                              Czech Republic 2016-02-09 22:04:54
## 105                                    Guernsey 2016-06-10 11:31:33
## 106                                    Tanzania 2016-02-14 03:50:52
## 107                                       Bhutan 2016-07-05 17:17:49
## 108                             Christmas Island 2016-04-28 05:50:25
## 109                                       Guinea 2016-04-03 05:10:31
## 110                                  Micronesia 2016-03-09 14:57:11
## 111                                  Madagascar 2016-01-16 23:37:51
## 112                                     Lebanon 2016-07-03 04:33:41
## 113                                      Eritrea 2016-03-14 06:46:14
## 114                                       Guyana 2016-01-09 05:44:56
## 115                          Trinidad and Tobago 2016-02-11 04:37:34
```

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## 116                                          Jersey 2016-06-22 07:33:21
## 117                          United Arab Emirates 2016-07-13 16:12:24
## 118                                     Martinique 2016-07-23 11:46:28
## 119                                        Somalia 2016-07-13 04:10:53
## 120                                         Bhutan 2016-06-11 18:32:12
## 121                                         Greece 2016-05-08 12:51:00
## 122                                          Benin 2016-04-07 16:02:02
## 123                              Papua New Guinea 2016-02-04 13:30:32
## 124                                     Uzbekistan 2016-02-26 19:48:23
## 125                                   South Africa 2016-06-21 13:15:21
## 126                                          Egypt 2016-05-17 04:27:31
## 127                                        Hungary 2016-04-18 15:54:33
## 128                    Falkland Islands (Malvinas) 2016-04-03 10:07:56
## 129                                       Dominica 2016-04-04 21:30:46
## 130                                         Jersey 2016-07-06 16:00:33
## 131                                      Lithuania 2016-05-04 09:00:24
## 132                                   Saint Martin 2016-06-13 18:50:00
## 133                                           Cuba 2016-01-03 16:01:40
## 134              United States Minor Outlying Islands 2016-01-14 00:23:10
## 135                                         Belize 2016-01-12 10:07:29
## 136                                         Belize 2016-04-16 12:09:25
## 137     Antarctica (the territory South of 60 deg S) 2016-05-13 06:09:28
## 138              Saint Vincent and the Grenadines 2016-03-27 23:59:06
## 139                                         Kuwait 2016-02-03 23:47:56
## 140                                       Thailand 2016-04-18 11:23:05
## 141                                      Gibraltar 2016-02-05 19:06:01
## 142                    Holy See (Vatican City State) 2016-03-21 18:46:41
## 143                                          Korea 2016-06-14 11:59:58
## 144                                    Saint Helena 2016-02-06 23:08:57
## 145                        Turks and Caicos Islands 2016-03-12 01:39:19
## 146                                 Czech Republic 2016-01-26 03:56:18
## 147                                    Netherlands 2016-02-07 08:02:31
## 148                                        Belarus 2016-05-05 07:58:22
## 149                                       Dominica 2016-06-29 02:43:29
## 150                                   South Africa 2016-04-10 19:48:01
## 151                                    New Zealand 2016-02-10 06:37:56
## 152                                           Togo 2016-05-28 20:41:50
## 153                                          Kenya 2016-03-24 06:36:52
## 154                                          Palau 2016-02-12 22:51:08
## 155                                    Timor-Leste 2016-06-10 10:11:00
## 156                                       Cambodia 2016-03-31 10:44:46
## 157                                         Belize 2016-02-14 06:51:43
## 158                                           Cuba 2016-01-07 19:16:05
## 159                                     Costa Rica 2016-02-04 02:13:52
## 160                                  Liechtenstein 2016-05-09 02:58:58
## 161                                          Korea 2016-06-23 00:16:02
## 162                                        Ukraine 2016-06-20 09:35:02
## 163                                         Angola 2016-02-29 12:31:57
## 164                                          Nauru 2016-01-17 15:10:31
## 165                              Equatorial Guinea 2016-01-29 03:54:19
## 166                                       Mongolia 2016-07-14 12:07:10
## 167                     Svalbard & Jan Mayen Islands 2016-01-10 23:14:30
## 168                                    Timor-Leste 2016-04-28 18:34:56
## 169                                         Brazil 2016-07-06 18:36:01
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## 170                              Chad 2016-05-27 06:19:27
## 171                          Portugal 2016-01-25 07:39:41
## 172                            Malawi 2016-05-08 22:47:18
## 173                             Qatar 2016-03-19 14:23:45
## 174                         Singapore 2016-07-23 04:37:05
## 175                            Guinea 2016-06-23 01:22:43
## 176                        Kazakhstan 2016-07-19 18:06:22
## 177                            Kuwait 2016-02-28 18:52:44
## 178                            Rwanda 2016-02-10 06:52:07
## 179                             China 2016-03-27 09:11:10
## 180         Bouvet Island (Bouvetoya) 2016-05-23 02:15:04
## 181                           Vietnam 2016-01-03 03:22:15
## 182                         Guatemala 2016-01-04 21:48:38
## 183                              Peru 2016-05-24 13:30:38
## 184                           Mayotte 2016-02-01 19:42:40
## 185                             Samoa 2016-06-05 13:16:24
## 186                         Singapore 2016-02-04 08:53:37
## 187                           Jamaica 2016-03-24 13:37:53
## 188                           Bahamas 2016-06-02 21:02:22
## 189                            Canada 2016-02-21 07:42:48
## 190                           Algeria 2016-06-26 17:16:26
## 191                              Fiji 2016-01-03 05:34:33
## 192                             Kenya 2016-03-08 18:00:43
## 193                         Argentina 2016-06-19 03:19:44
## 194         Bouvet Island (Bouvetoya) 2016-07-21 21:16:35
## 195                       Philippines 2016-02-12 20:36:40
## 196                           Senegal 2016-05-17 06:14:20
## 197                          Suriname 2016-07-09 11:04:54
## 198                           Liberia 2016-03-27 02:35:29
## 199                              Guam 2016-01-16 08:01:40
## 200              United Arab Emirates 2016-01-21 23:48:29
## 201               Antigua and Barbuda 2016-06-05 00:29:13
## 202                         Argentina 2016-02-13 15:37:36
## 203                           Georgia 2016-05-10 07:22:37
## 204                            Jordan 2016-03-27 03:59:26
## 205                      Saudi Arabia 2016-05-24 18:35:58
## 206                      South Africa 2016-02-11 02:40:02
## 207                           Croatia 2016-04-22 08:31:24
## 208                              Fiji 2016-01-13 02:58:27
## 209                         Australia 2016-06-16 02:01:24
## 210             Sao Tome and Principe 2016-06-27 18:37:04
## 211                              Fiji 2016-07-03 12:57:03
## 212                            Cyprus 2016-02-03 04:21:14
## 213                   Kyrgyz Republic 2016-05-29 21:17:10
## 214                          Pakistan 2016-04-03 21:13:46
## 215                        Seychelles 2016-04-15 11:51:14
## 216                             Samoa 2016-06-21 03:14:41
## 217                          Bulgaria 2016-03-14 14:13:05
## 218                        Mauritania 2016-05-06 21:07:31
## 219                    Czech Republic 2016-06-12 17:52:43
## 220                             Chile 2016-01-11 07:36:22
## 221                            Poland 2016-07-02 00:24:22
## 222                           Estonia 2016-03-04 10:13:48
## 223                      Turkmenistan 2016-03-24 09:12:52
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## 224                            Latvia 2016-02-14 07:30:24
## 225                              Fiji 2016-04-25 07:30:21
## 226                            Turkey 2016-02-10 19:20:51
## 227                        Kazakhstan 2016-04-23 14:34:38
## 228                           Bahrain 2016-06-18 17:56:32
## 229                          Colombia 2016-07-17 01:58:53
## 230                  Brunei Darussalam 2016-04-27 04:28:17
## 231                            Taiwan 2016-04-21 20:29:35
## 232                            Serbia 2016-03-23 06:00:15
## 233          Saint Pierre and Miquelon 2016-07-19 07:59:18
## 234                         Australia 2016-06-26 11:52:18
## 235                              Chad 2016-03-30 23:40:52
## 236                            Norway 2016-03-16 07:59:37
## 237           Turks and Caicos Islands 2016-05-04 00:01:33
## 238                           Finland 2016-07-02 21:22:23
## 239                       South Africa 2016-05-23 21:14:38
## 240                        Martinique 2016-01-29 20:16:54
## 241                       Afghanistan 2016-07-23 14:47:23
## 242                        Micronesia 2016-02-16 09:11:27
## 243        French Southern Territories 2016-06-09 21:43:05
## 244                       Philippines 2016-06-19 09:24:35
## 245                           Algeria 2016-06-06 21:26:51
## 246                        San Marino 2016-01-07 13:25:21
## 247                          Guernsey 2016-04-15 06:08:35
## 248                      Sierra Leone 2016-01-09 03:45:19
## 249                        Tajikistan 2016-02-10 15:23:17
## 250                     Liechtenstein 2016-04-24 13:42:15
## 251                           Ecuador 2016-06-12 05:31:19
## 252                       Switzerland 2016-01-05 09:42:22
## 253                           Moldova 2016-03-02 10:07:43
## 254                           Finland 2016-07-21 10:54:35
## 255                            France 2016-01-09 04:53:22
## 256                         Venezuela 2016-01-06 13:20:01
## 257                              Cuba 2016-01-31 04:10:20
## 258                              Peru 2016-06-11 08:38:16
## 259                            Turkey 2016-05-15 20:48:40
## 260                           Albania 2016-06-18 17:23:26
## 261        French Southern Territories 2016-03-17 05:00:12
## 262                  Papua New Guinea 2016-06-29 13:35:05
## 263                     Liechtenstein 2016-02-02 08:55:26
## 264                          Thailand 2016-04-13 05:42:52
## 265                          Malaysia 2016-07-20 09:27:24
## 266                         Mauritius 2016-02-26 04:57:14
## 267                           Algeria 2016-02-26 09:18:48
## 268                   Christmas Island 2016-04-15 14:45:48
## 269                             Japan 2016-02-01 14:37:34
## 270                         Greenland 2016-01-20 19:09:37
## 271              Sao Tome and Principe 2016-04-23 06:28:43
## 272                           Senegal 2016-06-19 22:26:16
## 273                        Guadeloupe 2016-02-15 07:55:10
## 274                           Belgium 2016-02-09 19:37:52
## 275                            Israel 2016-01-25 07:52:53
## 276                          Honduras 2016-07-18 11:33:31
## 277                           Estonia 2016-01-09 07:28:16
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## 278                              Paraguay 2016-03-21 21:15:54
## 279                       Kyrgyz Republic 2016-02-15 12:25:28
## 280                            Mauritania 2016-03-04 08:48:29
## 281                         French Guiana 2016-01-05 00:02:53
## 282              Northern Mariana Islands 2016-05-15 01:03:06
## 283                               Lebanon 2016-05-05 09:28:36
## 284            Saint Pierre and Miquelon 2016-05-26 13:18:30
## 285                        American Samoa 2016-05-21 01:36:16
## 286                               Austria 2016-05-04 12:06:18
## 287                                 Tonga 2016-07-05 18:59:45
## 288                                 Tonga 2016-06-28 20:13:41
## 289            French Southern Territories 2016-05-05 11:09:29
## 290                                Serbia 2016-03-25 15:17:39
## 291                         New Caledonia 2016-01-23 15:02:13
## 292                                Taiwan 2016-05-29 07:29:27
## 293              United States of America 2016-05-30 07:36:31
## 294                               Morocco 2016-04-17 15:46:03
## 295                              Suriname 2016-07-20 23:08:28
## 296                             Macedonia 2016-06-29 03:07:51
## 297                     Wallis and Futuna 2016-04-10 14:48:35
## 298                                 Chile 2016-04-16 16:38:35
## 299                                 Gabon 2016-05-03 08:21:23
## 300                                 Gabon 2016-03-18 16:04:59
## 301          Holy See (Vatican City State) 2016-05-22 00:01:58
## 302                            Seychelles 2016-02-01 20:30:35
## 303                               Mayotte 2016-01-23 17:39:06
## 304                                Uganda 2016-05-19 03:52:24
## 305                              Cambodia 2016-05-09 21:54:38
## 306                   Antigua and Barbuda 2016-05-31 11:44:45
## 307                              Cameroon 2016-03-30 19:09:50
## 308                               Somalia 2016-01-09 15:49:28
## 309                               Lebanon 2016-04-18 03:41:56
## 310            Saint Pierre and Miquelon 2016-06-13 13:59:51
## 311                              Dominica 2016-04-23 08:15:31
## 312                               Hungary 2016-03-27 16:41:29
## 313                                Taiwan 2016-02-19 07:29:30
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## 315                                  Niue 2016-01-27 20:47:57
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## 317                                Cyprus 2016-02-07 07:41:06
## 318            French Southern Territories 2016-04-21 09:30:35
## 319                            Costa Rica 2016-04-19 05:15:28
## 320                               Austria 2016-04-12 14:01:08
## 321                                Zambia 2016-03-15 11:25:48
## 322                                 Congo 2016-02-16 18:21:36
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## 324                       Pitcairn Islands 2016-03-25 08:40:15
## 325                                Belize 2016-03-16 00:28:10
## 326                              Anguilla 2016-01-28 11:50:40
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## 328                             Singapore 2016-03-03 22:31:16
## 329                               Finland 2016-02-26 09:54:33
## 330                            Martinique 2016-07-06 15:56:39
## 331                              Cameroon 2016-06-24 05:50:22
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## 333                            New Caledonia 2016-02-03 19:12:51
## 334                   Bosnia and Herzegovina 2016-04-28 22:54:37
## 335                                Singapore 2016-03-19 14:57:00
## 336              Falkland Islands (Malvinas) 2016-07-15 09:08:42
## 337                   Bosnia and Herzegovina 2016-05-12 04:35:59
## 338                                Mauritius 2016-01-01 21:58:55
## 339                                Indonesia 2016-03-13 13:50:25
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## 343                                Gibraltar 2016-02-17 07:05:57
## 344                                    Haiti 2016-06-16 02:33:22
## 345              Falkland Islands (Malvinas) 2016-04-09 16:31:15
## 346                                  Eritrea 2016-03-18 17:35:40
## 347                                Hong Kong 2016-05-11 22:02:17
## 348                                   Gambia 2016-05-25 20:10:02
## 349                                 Barbados 2016-02-29 19:26:35
## 350                                    Nauru 2016-06-09 14:24:06
## 351                                     Peru 2016-01-30 16:15:29
## 352                              El Salvador 2016-02-15 05:35:54
## 353                    Libyan Arab Jamahiriya 2016-01-31 06:14:10
## 354                                 Cambodia 2016-01-05 16:34:31
## 355                         Saint Barthelemy 2016-05-31 02:17:18
## 356                                  Reunion 2016-04-21 16:10:50
## 357                      Antigua and Barbuda 2016-04-10 03:30:16
## 358                                    Samoa 2016-02-09 07:21:25
## 359                              Afghanistan 2016-06-17 17:11:16
## 360                               Azerbaijan 2016-05-22 21:54:23
## 361                              Philippines 2016-07-13 07:41:42
## 362                                   Angola 2016-01-23 18:59:21
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## 364                                  Hungary 2016-01-30 04:38:41
## 365                             Faroe Islands 2016-04-21 12:34:28
## 366                           Czech Republic 2016-04-22 20:32:17
## 367           Svalbard & Jan Mayen Islands 2016-01-11 06:02:27
## 368                              Afghanistan 2016-03-01 10:01:35
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## 370                                   Panama 2016-06-20 06:30:06
## 371                                    Samoa 2016-01-28 07:10:29
## 372      United States Minor Outlying Islands 2016-07-03 04:11:40
## 373                                   Greece 2016-05-15 13:18:34
## 374                            Cote d'Ivoire 2016-04-08 22:48:25
## 375                                 Pakistan 2016-01-19 12:18:13
## 376                                 Anguilla 2016-05-26 15:40:26
## 377                                   Cyprus 2016-01-26 15:56:55
## 378                                     Peru 2016-06-17 09:58:46
## 379                                    Kenya 2016-04-25 21:15:39
## 380                                     Chad 2016-07-13 11:41:29
## 381                          Kyrgyz Republic 2016-07-05 15:14:10
## 382                                  Albania 2016-03-15 14:06:17
## 383                                    Gabon 2016-06-19 22:08:15
## 384                       Dominican Republic 2016-07-05 20:16:13
## 385                                 Zimbabwe 2016-05-09 08:44:55
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## 387                         Cambodia 2016-06-03 17:32:47
## 388                         Mongolia 2016-01-15 19:40:47
## 389                         Honduras 2016-02-05 16:50:58
## 390                       Madagascar 2016-02-29 23:56:06
## 391                            Qatar 2016-05-08 12:08:26
## 392                            China 2016-07-13 01:48:46
## 393                       Bangladesh 2016-01-08 02:34:06
## 394                        Swaziland 2016-06-08 12:25:49
## 395                         Tanzania 2016-06-15 11:56:41
## 396                          Eritrea 2016-06-13 22:41:45
## 397                           Canada 2016-06-20 14:20:52
## 398            Saint Kitts and Nevis 2016-04-03 06:17:22
## 399                     Burkina Faso 2016-05-31 23:42:26
## 400                           Tuvalu 2016-02-15 03:43:55
## 401                      El Salvador 2016-03-10 23:26:54
## 402                       Madagascar 2016-02-26 17:01:01
## 403                       Bangladesh 2016-04-17 21:39:11
## 404                   American Samoa 2016-03-26 19:54:16
## 405                           Latvia 2016-06-29 21:39:42
## 406                          Moldova 2016-01-27 17:55:44
## 407                         Anguilla 2016-03-17 23:39:28
## 408                       Bangladesh 2016-07-09 16:23:33
## 409                    Faroe Islands 2016-06-28 12:51:02
## 410                           Taiwan 2016-06-18 16:32:58
## 411 Heard Island and McDonald Islands 2016-05-28 12:38:37
## 412                           Israel 2016-01-16 16:40:30
## 413                          Bolivia 2016-07-11 15:45:23
## 414                          Bahamas 2016-07-16 23:08:54
## 415                       Costa Rica 2016-04-06 21:20:07
## 416                          Myanmar 2016-07-05 00:54:11
## 417              Netherlands Antilles 2016-02-17 23:47:00
## 418                   Czech Republic 2016-03-15 17:33:15
## 419                          Iceland 2016-01-21 18:51:01
## 420                            Palau 2016-06-06 22:41:24
## 421            Libyan Arab Jamahiriya 2016-05-16 14:50:22
## 422                       Kazakhstan 2016-04-17 19:10:56
## 423                    French Guiana 2016-03-30 01:05:34
## 424                           Tuvalu 2016-06-29 09:04:31
## 425                            Congo 2016-05-26 13:43:05
## 426                   United Kingdom 2016-04-15 10:16:49
## 427                       Luxembourg 2016-05-31 09:06:29
## 428                 French Polynesia 2016-02-15 14:13:47
## 429                 Papua New Guinea 2016-05-09 10:21:48
## 430                         Maldives 2016-07-07 23:32:38
## 431                           Zambia 2016-01-03 17:10:05
## 432                     Cook Islands 2016-07-17 18:55:38
## 433                            Congo 2016-04-04 18:36:59
## 434                          Senegal 2016-02-27 12:34:19
## 435                          Myanmar 2016-06-08 20:13:27
## 436               Dominican Republic 2016-02-20 10:52:51
## 437                          Bahrain 2016-03-23 21:06:51
## 438                      Puerto Rico 2016-06-07 01:29:06
## 439                            Chile 2016-01-18 15:18:01
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## 441                                    Serbia 2016-05-30 20:07:59
## 442                                   Malaysia 2016-04-01 09:21:14
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## 444                                 Greenland 2016-07-03 22:13:19
## 445                       Trinidad and Tobago 2016-03-10 01:36:19
## 446                                  Thailand 2016-03-18 02:39:26
## 447                               Philippines 2016-05-30 18:08:19
## 448                                      Niue 2016-02-20 00:06:20
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## 450                                    Angola 2016-06-21 14:32:32
## 451                                     Egypt 2016-02-05 15:26:37
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## 457                  United States of America 2016-06-11 09:37:52
## 458                           Christmas Island 2016-03-08 05:48:20
## 459                        Equatorial Guinea 2016-02-14 22:23:30
## 460                                Micronesia 2016-07-17 22:04:54
## 461                                     Malta 2016-06-02 22:16:08
## 462                                   Ecuador 2016-04-30 19:42:04
## 463                                     Sudan 2016-04-17 06:58:18
## 464          Lao People's Democratic Republic 2016-03-09 00:41:46
## 465       Saint Vincent and the Grenadines 2016-03-07 20:02:51
## 466                               Switzerland 2016-05-26 10:33:00
## 467                                     Spain 2016-07-18 01:36:37
## 468                  Turks and Caicos Islands 2016-07-16 05:56:42
## 469                                 Indonesia 2016-03-22 06:41:38
## 470                               Cook Islands 2016-06-03 06:34:44
## 471                                 Australia 2016-06-28 09:19:06
## 472                                   Finland 2016-07-18 18:33:05
## 473                                  Pakistan 2016-01-23 04:47:37
## 474                                   Ireland 2016-02-29 11:00:06
## 475                                   Eritrea 2016-06-30 00:19:33
## 476                                    France 2016-06-19 18:19:38
## 477                                   Austria 2016-01-08 08:08:47
## 478          Heard Island and McDonald Islands 2016-01-02 12:25:36
## 479                             Western Sahara 2016-05-13 11:57:12
## 480                                   Liberia 2016-02-08 14:02:22
## 481                         Dominican Republic 2016-06-07 23:46:51
## 482                                     Tonga 2016-01-02 14:36:03
## 483          Lao People's Democratic Republic 2016-02-13 04:16:08
## 484                  United States of America 2016-05-03 12:57:19
## 485                                   Belgium 2016-04-03 11:38:36
## 486                                 Indonesia 2016-03-23 19:58:15
## 487                                   Croatia 2016-02-02 11:49:18
## 488                          Brunei Darussalam 2016-03-08 10:39:16
## 489                            American Samoa 2016-04-08 14:35:44
## 490                       Netherlands Antilles 2016-06-30 00:40:31
## 491                                  Thailand 2016-03-25 19:02:35
## 492                                    Greece 2016-05-12 21:32:06
## 493                           French Polynesia 2016-03-02 05:11:01
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## 494                           Guernsey 2016-05-10 14:12:31
## 495                        Isle of Man 2016-03-03 02:59:37
## 496        Holy See (Vatican City State) 2016-07-04 11:03:49
## 497                        El Salvador 2016-07-08 03:47:41
## 498                              China 2016-05-27 05:35:27
## 499                            Myanmar 2016-02-10 13:46:35
## 500                              Macao 2016-06-12 21:21:53
## 501                          Australia 2016-01-07 13:58:51
## 502          United States Virgin Islands 2016-05-13 14:12:39
## 503                             Mexico 2016-05-02 00:01:56
## 504                           Djibouti 2016-02-07 17:06:35
## 505                      Cote d'Ivoire 2016-02-15 07:27:41
## 506                               Mali 2016-02-21 05:23:28
## 507                            Jamaica 2016-03-20 22:27:25
## 508                            Romania 2016-03-24 09:34:00
## 509                      Cayman Islands 2016-04-04 20:01:12
## 510                             Gambia 2016-01-02 04:50:44
## 511                            Algeria 2016-07-08 17:14:01
## 512                        Puerto Rico 2016-03-28 19:48:37
## 513                      Norfolk Island 2016-07-11 09:32:53
## 514                             Turkey 2016-06-09 17:11:02
## 515                             Guinea 2016-05-19 09:30:12
## 516                            Moldova 2016-04-12 12:35:39
## 517                             Greece 2016-07-04 23:17:47
## 518                      American Samoa 2016-02-01 00:52:29
## 519                           Honduras 2016-01-13 02:39:00
## 520                           Mongolia 2016-06-18 16:02:34
## 521                           Ethiopia 2016-01-01 20:17:49
## 522                           Ethiopia 2016-03-02 04:02:45
## 523                          Sri Lanka 2016-03-30 20:23:48
## 524                            Morocco 2016-05-01 00:23:13
## 525              United Arab Emirates 2016-06-17 03:02:55
## 526                      Western Sahara 2016-03-23 08:52:31
## 527                      Western Sahara 2016-05-08 22:24:27
## 528                           Cambodia 2016-04-06 05:55:43
## 529                        New Zealand 2016-04-05 05:54:15
## 530                          Australia 2016-04-16 12:26:31
## 531                           Bulgaria 2016-06-01 03:44:42
## 532            Libyan Arab Jamahiriya 2016-04-04 22:00:15
## 533                           Barbados 2016-06-26 04:22:26
## 534                   French Polynesia 2016-07-07 03:55:01
## 535                            Uruguay 2016-03-20 08:22:50
## 536                            Uruguay 2016-04-20 10:04:29
## 537                             Brazil 2016-03-25 05:05:27
## 538                          Venezuela 2016-02-14 07:15:37
## 539                            Myanmar 2016-03-26 00:32:02
## 540                              Malta 2016-07-05 22:33:48
## 541                            Jamaica 2016-03-14 03:29:12
## 542                            Bahrain 2016-05-30 02:34:25
## 543                            Algeria 2016-03-07 22:32:15
## 544                             Tuvalu 2016-03-19 00:27:58
## 545                            Georgia 2016-06-18 05:17:33
## 546                           Cambodia 2016-07-11 18:12:43
## 547                               Guam 2016-01-01 08:27:06
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## 548                              Tanzania 2016-04-07 01:57:38
## 549                             Indonesia 2016-02-28 22:02:14
## 550                               Somalia 2016-06-26 17:25:55
## 551                                Belize 2016-01-21 04:30:43
## 552                                Serbia 2016-05-01 21:46:37
## 553                             Australia 2016-02-14 10:06:49
## 554                                  Guam 2016-01-27 18:25:42
## 555                      Christmas Island 2016-06-16 20:24:33
## 556                      Papua New Guinea 2016-07-21 10:01:50
## 557                               Bahamas 2016-04-21 18:31:27
## 558                               Comoros 2016-07-20 01:56:33
## 559                        Western Sahara 2016-02-26 17:14:14
## 560                             Nicaragua 2016-01-16 17:56:05
## 561                                  Guam 2016-04-01 01:57:12
## 562                               Vanuatu 2016-06-24 08:42:20
## 563                               Bolivia 2016-05-27 18:45:35
## 564                                Malawi 2016-05-26 15:40:12
## 565                             Venezuela 2016-04-06 01:19:08
## 566                                 Nepal 2016-01-08 19:38:45
## 567                        United Kingdom 2016-02-24 19:08:11
## 568                               Albania 2016-03-10 07:07:31
## 569                            Madagascar 2016-04-29 07:49:01
## 570                                Guyana 2016-04-10 16:08:09
## 571                                 Yemen 2016-04-27 18:25:30
## 572                                 India 2016-05-10 04:28:55
## 573                           Puerto Rico 2016-01-03 23:21:26
## 574            United States Virgin Islands 2016-02-15 16:52:04
## 575                   Antigua and Barbuda 2016-03-09 02:07:17
## 576                         French Guiana 2016-01-09 17:33:03
## 577                   Antigua and Barbuda 2016-02-03 05:47:09
## 578                          Turkmenistan 2016-01-02 09:30:11
## 579                              Honduras 2016-01-04 07:28:43
## 580                            Seychelles 2016-01-07 21:21:50
## 581                                Cyprus 2016-07-24 00:22:16
## 582             Saint Pierre and Miquelon 2016-02-13 13:57:53
## 583                                Poland 2016-05-08 10:25:08
## 584                                Taiwan 2016-02-17 18:50:57
## 585                         Cote d'Ivoire 2016-01-22 19:43:53
## 586                            Micronesia 2016-07-20 13:21:37
## 587                               Liberia 2016-01-05 20:58:42
## 588                          Saudi Arabia 2016-01-29 05:39:16
## 589                                 Nepal 2016-06-17 20:18:27
## 590                                 Ghana 2016-02-23 13:55:48
## 591                                  Iran 2016-07-09 11:18:02
## 592                           New Zealand 2016-03-19 11:09:36
## 593                 Libyan Arab Jamahiriya 2016-01-29 07:14:04
## 594                             Sri Lanka 2016-06-14 07:02:09
## 595                  United Arab Emirates 2016-05-18 03:19:03
## 596                             Indonesia 2016-01-30 09:54:03
## 597     Saint Vincent and the Grenadines 2016-04-25 16:58:50
## 598                              Mongolia 2016-01-14 16:30:38
## 599                              Honduras 2016-07-06 05:34:52
## 600                      Papua New Guinea 2016-04-07 10:51:05
## 601                       Kyrgyz Republic 2016-04-17 05:08:52
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## 602                        Ethiopia 2016-01-28 17:03:54
## 603                         Rwanda 2016-02-18 22:42:33
## 604                Kyrgyz Republic 2016-06-24 21:09:58
## 605                        Grenada 2016-06-20 04:24:41
## 606                           Togo 2016-02-14 16:33:29
## 607                       Pakistan 2016-02-27 13:51:44
## 608     Falkland Islands (Malvinas) 2016-05-07 15:16:07
## 609                         Jersey 2016-03-16 20:10:53
## 610                  Cayman Islands 2016-06-26 02:06:59
## 611                   South Africa 2016-07-17 14:26:04
## 612                     Micronesia 2016-01-28 16:42:36
## 613                     Tajikistan 2016-06-16 18:04:51
## 614                        Bolivia 2016-06-19 23:21:38
## 615                       Cameroon 2016-05-24 17:42:58
## 616                        Ecuador 2016-03-01 22:06:37
## 617                         Zambia 2016-01-31 08:50:38
## 618                  Guinea-Bissau 2016-04-30 15:27:22
## 619                     Micronesia 2016-01-13 20:38:35
## 620                        Bahamas 2016-03-30 16:15:59
## 621                     Cape Verde 2016-04-29 18:53:43
## 622               French Polynesia 2016-06-14 19:48:34
## 623                   Saudi Arabia 2016-07-15 15:43:36
## 624                         France 2016-03-24 05:38:01
## 625                        Burundi 2016-04-26 20:57:48
## 626                         Latvia 2016-01-12 03:28:31
## 627                        Morocco 2016-04-09 23:26:42
## 628                      Venezuela 2016-03-28 09:15:58
## 629                          Palau 2016-06-23 11:05:01
## 630                     Isle of Man 2016-01-24 01:53:14
## 631                           Peru 2016-04-15 10:18:55
## 632                        Belgium 2016-04-26 13:13:20
## 633                        Croatia 2016-05-16 23:21:06
## 634                         France 2016-01-18 02:51:13
## 635                       Slovenia 2016-06-20 08:34:46
## 636                           Peru 2016-07-18 04:53:22
## 637                        Belarus 2016-07-01 01:12:04
## 638                        Bolivia 2016-03-07 22:51:00
## 639                          Benin 2016-05-02 15:31:28
## 640             Wallis and Futuna 2016-07-23 06:18:51
## 641                     Azerbaijan 2016-06-12 03:11:04
## 642                       Mongolia 2016-02-15 20:41:05
## 643                        Denmark 2016-01-23 01:42:28
## 644            Russian Federation 2016-02-26 01:18:44
## 645                         Brazil 2016-01-11 02:07:14
## 646                       Ethiopia 2016-04-04 13:56:14
## 647                         Guyana 2016-01-14 09:27:59
## 648                       Ethiopia 2016-04-25 03:18:45
## 649                      Mauritius 2016-03-05 23:02:11
## 650                       Djibouti 2016-01-06 21:43:22
## 651            Syrian Arab Republic 2016-02-18 03:58:36
## 652                   Saint Martin 2016-04-16 14:15:55
## 653            Netherlands Antilles 2016-02-24 06:18:11
## 654                         Greece 2016-06-29 01:19:21
## 655                     Madagascar 2016-01-05 06:34:20
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## 656                                               Senegal 2016-07-16 10:14:04
## 657                                          Burkina Faso 2016-06-17 03:23:13
## 658                                        Czech Republic 2016-06-13 11:06:40
## 659                   Lao People's Democratic Republic 2016-04-05 08:18:45
## 660                                   Netherlands Antilles 2016-04-17 18:38:14
## 661                                                 Qatar 2016-02-03 16:54:33
## 662                                                Andorra 2016-04-18 21:07:28
## 663                                          Liechtenstein 2016-06-18 22:31:22
## 664                                                  China 2016-03-12 07:18:36
## 665                                                Vietnam 2016-01-15 01:20:05
## 666                                             Tajikistan 2016-02-12 10:39:10
## 667                                                 Eritrea 2016-02-16 02:29:03
## 668                                                 Monaco 2016-04-04 21:23:13
## 669                                                 Israel 2016-04-24 01:48:21
## 670                                                Hungary 2016-05-20 00:00:48
## 671                                              Singapore 2016-05-15 03:10:50
## 672                                                   Cuba 2016-01-07 23:02:43
## 673                                                Reunion 2016-07-19 12:05:58
## 674                                                 Zambia 2016-04-04 00:02:20
## 675                                                  Gabon 2016-06-10 04:21:57
## 676                                               Dominica 2016-03-11 14:50:56
## 677                                                Bahamas 2016-01-14 20:58:10
## 678                                                Tokelau 2016-06-22 05:22:58
## 679                                           Turkmenistan 2016-03-19 08:00:58
## 680                                                Belgium 2016-04-15 15:07:17
## 681                                          French Guiana 2016-03-28 02:29:19
## 682                                             Martinique 2016-01-22 15:03:25
## 683                                       French Polynesia 2016-06-25 17:33:35
## 684                                                Ecuador 2016-03-04 14:33:38
## 685                                            Puerto Rico 2016-06-29 02:48:44
## 686                                   United Arab Emirates 2016-06-18 01:42:37
## 687                                           Burkina Faso 2016-01-31 09:57:34
## 688                                             Luxembourg 2016-05-22 15:17:25
## 689                                                Jamaica 2016-07-22 11:05:10
## 690         Antarctica (the territory South of 60 deg S) 2016-07-13 14:05:22
## 691                                                  China 2016-02-11 11:50:26
## 692                                         Western Sahara 2016-03-16 20:33:10
## 693                                                Lebanon 2016-04-25 19:31:39
## 694                                              Hong Kong 2016-07-14 22:43:29
## 695                                                Vanuatu 2016-05-30 08:02:35
## 696                                                Vanuatu 2016-02-14 11:36:08
## 697                                              Guatemala 2016-01-23 21:15:57
## 698                                              Greenland 2016-07-18 02:51:19
## 699                                  Syrian Arab Republic 2016-02-10 08:21:13
## 700                                            Saint Helena 2016-01-04 06:37:15
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## 702                                                  Malta 2016-06-01 03:17:50
## 703                                        Christmas Island 2016-03-06 06:51:23
## 704                                                Ukraine 2016-02-26 19:35:54
## 705                                                  Malta 2016-07-13 14:30:14
## 706                                                  Italy 2016-06-29 07:20:46
## 707                                                  Japan 2016-03-15 06:54:21
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## 421          1
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## 799          0
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## 961              1
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## 986              1
## 987              0
## 988              1
## 989              0
## 990              0
```

```r
tail(advertising) # Last 6 rows
```

```
##      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 2016-04-04 03:57:48             1
## 996                Lebanon 2016-02-11 21:49:00             1
## 997  Bosnia and Herzegovina 2016-04-22 02:07:01             1
## 998               Mongolia 2016-02-01 17:24:57             1
## 999              Guatemala 2016-03-24 02:35:54             0
## 1000                Brazil 2016-06-03 21:43:21             1
```

```
tail(advertising, n=10) # Last 10 rows
```

```
##      Daily.Time.Spent.on.Site Age Area.Income Daily.Internet.Usage
## 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          City Male
## 991             Enterprise-wide tangible model    North Katie    1
## 992  Versatile mission-critical application     Mauricefurt    1
## 993            Extended leadingedge solution    New Patrick    0
## 994            Phased zero tolerance extranet   Edwardsmouth    1
## 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
## 991                  Tonga 2016-04-20 13:36:42             1
## 992                Comoros 2016-07-21 16:02:40             1
## 993             Montenegro 2016-03-06 11:36:06             1
## 994             Isle of Man 2016-02-11 23:45:01            0
## 995                Mayotte 2016-04-04 03:57:48             1
## 996                Lebanon 2016-02-11 21:49:00             1
## 997  Bosnia and Herzegovina 2016-04-22 02:07:01            1
## 998               Mongolia 2016-02-01 17:24:57             1
## 999              Guatemala 2016-03-24 02:35:54             0
## 1000                Brazil 2016-06-03 21:43:21             1
```

```
tail(advertising, n= -10) # All rows but the first 10
```

```
##    Daily.Time.Spent.on.Site Age Area.Income Daily.Internet.Usage
## 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
```

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## 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
```

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## 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
```

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## 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
```

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```
## 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
## 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
## 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
```

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```
## 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
```

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```
## 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
## 11                                                    Qatar 2016-03-16 20:19:01
## 12                                                  Burundi 2016-05-08 08:10:10
## 13                                                    Egypt 2016-06-03 01:14:41
## 14                                 Bosnia and Herzegovina 2016-04-20 21:49:22
## 15                                                 Barbados 2016-03-24 09:31:49
## 16                                                    Spain 2016-03-09 03:41:30
## 17                                   Palestinian Territory 2016-01-30 19:20:41
## 18                                               Afghanistan 2016-05-02 07:00:58
## 19   British Indian Ocean Territory (Chagos Archipelago) 2016-02-13 07:53:55
## 20                                        Russian Federation 2016-02-27 04:43:07
```

```
## 21                          Cameroon 2016-01-05 07:52:48
## 22                          Cameroon 2016-03-18 13:22:35
## 23                           Burundi 2016-05-20 08:49:33
## 24                             Korea 2016-03-23 09:43:43
## 25                           Tokelau 2016-06-13 17:27:09
## 26                            Monaco 2016-05-27 15:25:52
## 27                            Tuvalu 2016-02-08 10:46:14
## 28                            Greece 2016-07-19 08:32:10
## 29             British Virgin Islands 2016-04-14 05:08:35
## 30        Bouvet Island (Bouvetoya) 2016-01-27 12:38:16
## 31                              Peru 2016-07-02 20:23:15
## 32                             Aruba 2016-03-01 22:13:37
## 33                          Maldives 2016-07-15 05:05:14
## 34                           Senegal 2016-01-14 14:00:09
## 35                          Dominica 2016-03-15 03:12:25
## 36                        Luxembourg 2016-04-12 03:26:39
## 37                        Montenegro 2016-04-07 15:18:10
## 38                           Ukraine 2016-02-09 05:28:18
## 39                       Saint Helena 2016-05-07 17:11:49
## 40                           Liberia 2016-03-11 06:49:10
## 41               Russian Federation 2016-04-27 09:27:58
## 42                           Tunisia 2016-04-16 11:53:43
## 43                      Turkmenistan 2016-05-08 15:38:46
## 44                       Saint Helena 2016-02-08 00:23:38
## 45                             Niger 2016-02-11 13:26:22
## 46                      Turkmenistan 2016-02-17 13:16:33
## 47                             Qatar 2016-02-26 22:46:43
## 48                         Sri Lanka 2016-06-08 18:54:01
## 49               Trinidad and Tobago 2016-01-08 09:32:26
## 50                             Italy 2016-04-25 11:01:54
## 51             British Virgin Islands 2016-04-04 07:07:46
## 52                    United Kingdom 2016-05-03 21:19:58
## 53                     Guinea-Bissau 2016-01-17 09:31:36
## 54                        Micronesia 2016-03-02 04:57:51
## 55                            Turkey 2016-02-14 07:36:58
## 56                           Croatia 2016-04-07 03:56:16
## 57                            Israel 2016-02-17 11:42:00
## 58        Svalbard & Jan Mayen Islands 2016-04-10 00:13:47
## 59                        Azerbaijan 2016-02-14 17:05:15
## 60                              Iran 2016-05-26 22:49:47
## 61                           Burundi 2016-04-30 08:07:13
## 62   Saint Vincent and the Grenadines 2016-06-15 05:30:13
## 63                           Burundi 2016-03-09 14:45:33
## 64                          Bulgaria 2016-03-31 20:55:22
## 65                    Christmas Island 2016-06-03 00:55:23
## 66                            Canada 2016-03-10 23:36:03
## 67                            Rwanda 2016-01-08 00:17:27
## 68           Turks and Caicos Islands 2016-06-05 22:11:34
## 69                           Tunisia 2016-01-16 11:35:01
## 70                     Norfolk Island 2016-04-22 20:10:22
## 71        Bouvet Island (Bouvetoya) 2016-02-01 09:00:55
## 72           Turks and Caicos Islands 2016-07-07 13:37:34
## 73                       Cook Islands 2016-03-08 00:37:54
## 74                            Turkey 2016-05-10 17:39:06
```

```
## 75                                                 Guatemala 2016-04-06 11:24:21
## 76                                             Cote d'Ivoire 2016-04-01 16:21:05
## 77                                             Faroe Islands 2016-01-05 04:18:46
## 78                                                     Qatar 2016-05-20 21:31:24
## 79                                                   Ireland 2016-02-03 07:59:16
## 80                                                   Ukraine 2016-02-17 21:55:29
## 81                                                   Moldova 2016-01-30 16:10:04
## 82                                                 Nicaragua 2016-05-15 14:41:49
## 83                                                Montserrat 2016-01-05 17:56:52
## 84                                               Timor-Leste 2016-04-19 07:34:28
## 85                              Bouvet Island (Bouvetoya) 2016-03-15 15:49:14
## 86                                               Puerto Rico 2016-06-12 15:25:44
## 87                                  Central African Republic 2016-07-01 04:41:57
## 88                                                 Venezuela 2016-05-08 12:12:04
## 89                                                 Australia 2016-03-14 23:13:11
## 90                                         Wallis and Futuna 2016-05-25 00:19:57
## 91                                                    Jersey 2016-05-13 11:51:10
## 92                                               Puerto Rico 2016-02-20 20:47:05
## 93                                                     Samoa 2016-05-22 20:49:37
## 94                                                    Greece 2016-04-10 02:02:36
## 95         Antarctica (the territory South of 60 deg S) 2016-02-28 06:41:44
## 96                                                    Albania 2016-07-08 21:18:32
## 97                                                 Hong Kong 2016-04-19 15:14:58
## 98                                                 Lithuania 2016-01-08 22:47:10
## 99                                                     Egypt 2016-03-28 08:46:26
## 100                                              Bangladesh 2016-07-02 14:57:53
## 101                                          Western Sahara 2016-07-03 09:22:30
## 102                                                  Serbia 2016-06-01 09:27:34
## 103                                                Maldives 2016-07-09 14:55:36
## 104                                          Czech Republic 2016-02-09 22:04:54
## 105                                                Guernsey 2016-06-10 11:31:33
## 106                                                Tanzania 2016-02-14 03:50:52
## 107                                                  Bhutan 2016-07-05 17:17:49
## 108                                         Christmas Island 2016-04-28 05:50:25
## 109                                                   Guinea 2016-04-03 05:10:31
## 110                                              Micronesia 2016-03-09 14:57:11
## 111                                              Madagascar 2016-01-16 23:37:51
## 112                                                 Lebanon 2016-07-03 04:33:41
## 113                                                 Eritrea 2016-03-14 06:46:14
## 114                                                  Guyana 2016-01-09 05:44:56
## 115                                     Trinidad and Tobago 2016-02-11 04:37:34
## 116                                                  Jersey 2016-06-22 07:33:21
## 117                                    United Arab Emirates 2016-07-13 16:12:24
## 118                                              Martinique 2016-07-23 11:46:28
## 119                                                 Somalia 2016-07-13 04:10:53
## 120                                                  Bhutan 2016-06-11 18:32:12
## 121                                                  Greece 2016-05-08 12:51:00
## 122                                                   Benin 2016-04-07 16:02:02
## 123                                        Papua New Guinea 2016-02-04 13:30:32
## 124                                              Uzbekistan 2016-02-26 19:48:23
## 125                                            South Africa 2016-06-21 13:15:21
## 126                                                   Egypt 2016-05-17 04:27:31
## 127                                                 Hungary 2016-04-18 15:54:33
## 128                              Falkland Islands (Malvinas) 2016-04-03 10:07:56
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## 129                                        Dominica 2016-04-04 21:30:46
## 130                                          Jersey 2016-07-06 16:00:33
## 131                                       Lithuania 2016-05-04 09:00:24
## 132                                    Saint Martin 2016-06-13 18:50:00
## 133                                            Cuba 2016-01-03 16:01:40
## 134           United States Minor Outlying Islands 2016-01-14 00:23:10
## 135                                          Belize 2016-01-12 10:07:29
## 136                                          Belize 2016-04-16 12:09:25
## 137     Antarctica (the territory South of 60 deg S) 2016-05-13 06:09:28
## 138              Saint Vincent and the Grenadines 2016-03-27 23:59:06
## 139                                          Kuwait 2016-02-03 23:47:56
## 140                                        Thailand 2016-04-18 11:23:05
## 141                                       Gibraltar 2016-02-05 19:06:01
## 142                     Holy See (Vatican City State) 2016-03-21 18:46:41
## 143                                           Korea 2016-06-14 11:59:58
## 144                                     Saint Helena 2016-02-06 23:08:57
## 145                          Turks and Caicos Islands 2016-03-12 01:39:19
## 146                                  Czech Republic 2016-01-26 03:56:18
## 147                                     Netherlands 2016-02-07 08:02:31
## 148                                         Belarus 2016-05-05 07:58:22
## 149                                        Dominica 2016-06-29 02:43:29
## 150                                    South Africa 2016-04-10 19:48:01
## 151                                     New Zealand 2016-02-10 06:37:56
## 152                                            Togo 2016-05-28 20:41:50
## 153                                           Kenya 2016-03-24 06:36:52
## 154                                           Palau 2016-02-12 22:51:08
## 155                                     Timor-Leste 2016-06-10 10:11:00
## 156                                        Cambodia 2016-03-31 10:44:46
## 157                                          Belize 2016-02-14 06:51:43
## 158                                            Cuba 2016-01-07 19:16:05
## 159                                      Costa Rica 2016-02-04 02:13:52
## 160                                   Liechtenstein 2016-05-09 02:58:58
## 161                                           Korea 2016-06-23 00:16:02
## 162                                         Ukraine 2016-06-20 09:35:02
## 163                                          Angola 2016-02-29 12:31:57
## 164                                           Nauru 2016-01-17 15:10:31
## 165                               Equatorial Guinea 2016-01-29 03:54:19
## 166                                        Mongolia 2016-07-14 12:07:10
## 167                     Svalbard & Jan Mayen Islands 2016-01-10 23:14:30
## 168                                     Timor-Leste 2016-04-28 18:34:56
## 169                                          Brazil 2016-07-06 18:36:01
## 170                                            Chad 2016-05-27 06:19:27
## 171                                        Portugal 2016-01-25 07:39:41
## 172                                          Malawi 2016-05-08 22:47:18
## 173                                           Qatar 2016-03-19 14:23:45
## 174                                       Singapore 2016-07-23 04:37:05
## 175                                          Guinea 2016-06-23 01:22:43
## 176                                      Kazakhstan 2016-07-19 18:06:22
## 177                                          Kuwait 2016-02-28 18:52:44
## 178                                          Rwanda 2016-02-10 06:52:07
## 179                                           China 2016-03-27 09:11:10
## 180                          Bouvet Island (Bouvetoya) 2016-05-23 02:15:04
## 181                                         Vietnam 2016-01-03 03:22:15
## 182                                       Guatemala 2016-01-04 21:48:38
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## 183                               Peru 2016-05-24 13:30:38
## 184                            Mayotte 2016-02-01 19:42:40
## 185                              Samoa 2016-06-05 13:16:24
## 186                          Singapore 2016-02-04 08:53:37
## 187                            Jamaica 2016-03-24 13:37:53
## 188                            Bahamas 2016-06-02 21:02:22
## 189                             Canada 2016-02-21 07:42:48
## 190                            Algeria 2016-06-26 17:16:26
## 191                               Fiji 2016-01-03 05:34:33
## 192                              Kenya 2016-03-08 18:00:43
## 193                          Argentina 2016-06-19 03:19:44
## 194          Bouvet Island (Bouvetoya) 2016-07-21 21:16:35
## 195                        Philippines 2016-02-12 20:36:40
## 196                            Senegal 2016-05-17 06:14:20
## 197                           Suriname 2016-07-09 11:04:54
## 198                            Liberia 2016-03-27 02:35:29
## 199                               Guam 2016-01-16 08:01:40
## 200               United Arab Emirates 2016-01-21 23:48:29
## 201                Antigua and Barbuda 2016-06-05 00:29:13
## 202                          Argentina 2016-02-13 15:37:36
## 203                            Georgia 2016-05-10 07:22:37
## 204                             Jordan 2016-03-27 03:59:26
## 205                       Saudi Arabia 2016-05-24 18:35:58
## 206                       South Africa 2016-02-11 02:40:02
## 207                            Croatia 2016-04-22 08:31:24
## 208                               Fiji 2016-01-13 02:58:27
## 209                          Australia 2016-06-16 02:01:24
## 210             Sao Tome and Principe 2016-06-27 18:37:04
## 211                               Fiji 2016-07-03 12:57:03
## 212                             Cyprus 2016-02-03 04:21:14
## 213                   Kyrgyz Republic 2016-05-29 21:17:10
## 214                           Pakistan 2016-04-03 21:13:46
## 215                         Seychelles 2016-04-15 11:51:14
## 216                              Samoa 2016-06-21 03:14:41
## 217                           Bulgaria 2016-03-14 14:13:05
## 218                         Mauritania 2016-05-06 21:07:31
## 219                     Czech Republic 2016-06-12 17:52:43
## 220                              Chile 2016-01-11 07:36:22
## 221                             Poland 2016-07-02 00:24:22
## 222                            Estonia 2016-03-04 10:13:48
## 223                       Turkmenistan 2016-03-24 09:12:52
## 224                             Latvia 2016-02-14 07:30:24
## 225                               Fiji 2016-04-25 07:30:21
## 226                             Turkey 2016-02-10 19:20:51
## 227                         Kazakhstan 2016-04-23 14:34:38
## 228                            Bahrain 2016-06-18 17:56:32
## 229                           Colombia 2016-07-17 01:58:53
## 230                  Brunei Darussalam 2016-04-27 04:28:17
## 231                             Taiwan 2016-04-21 20:29:35
## 232                             Serbia 2016-03-23 06:00:15
## 233          Saint Pierre and Miquelon 2016-07-19 07:59:18
## 234                          Australia 2016-06-26 11:52:18
## 235                               Chad 2016-03-30 23:40:52
## 236                             Norway 2016-03-16 07:59:37
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## 237           Turks and Caicos Islands 2016-05-04 00:01:33
## 238                          Finland 2016-07-02 21:22:23
## 239                     South Africa 2016-05-23 21:14:38
## 240                       Martinique 2016-01-29 20:16:54
## 241                      Afghanistan 2016-07-23 14:47:23
## 242                       Micronesia 2016-02-16 09:11:27
## 243      French Southern Territories 2016-06-09 21:43:05
## 244                      Philippines 2016-06-19 09:24:35
## 245                          Algeria 2016-06-06 21:26:51
## 246                       San Marino 2016-01-07 13:25:21
## 247                         Guernsey 2016-04-15 06:08:35
## 248                     Sierra Leone 2016-01-09 03:45:19
## 249                       Tajikistan 2016-02-10 15:23:17
## 250                    Liechtenstein 2016-04-24 13:42:15
## 251                          Ecuador 2016-06-12 05:31:19
## 252                      Switzerland 2016-01-05 09:42:22
## 253                          Moldova 2016-03-02 10:07:43
## 254                          Finland 2016-07-21 10:54:35
## 255                           France 2016-01-09 04:53:22
## 256                        Venezuela 2016-01-06 13:20:01
## 257                             Cuba 2016-01-31 04:10:20
## 258                             Peru 2016-06-11 08:38:16
## 259                           Turkey 2016-05-15 20:48:40
## 260                          Albania 2016-06-18 17:23:26
## 261      French Southern Territories 2016-03-17 05:00:12
## 262                 Papua New Guinea 2016-06-29 13:35:05
## 263                    Liechtenstein 2016-02-02 08:55:26
## 264                         Thailand 2016-04-13 05:42:52
## 265                         Malaysia 2016-07-20 09:27:24
## 266                        Mauritius 2016-02-26 04:57:14
## 267                          Algeria 2016-02-26 09:18:48
## 268                  Christmas Island 2016-04-15 14:45:48
## 269                            Japan 2016-02-01 14:37:34
## 270                        Greenland 2016-01-20 19:09:37
## 271            Sao Tome and Principe 2016-04-23 06:28:43
## 272                          Senegal 2016-06-19 22:26:16
## 273                       Guadeloupe 2016-02-15 07:55:10
## 274                          Belgium 2016-02-09 19:37:52
## 275                           Israel 2016-01-25 07:52:53
## 276                         Honduras 2016-07-18 11:33:31
## 277                          Estonia 2016-01-09 07:28:16
## 278                         Paraguay 2016-03-21 21:15:54
## 279                  Kyrgyz Republic 2016-02-15 12:25:28
## 280                       Mauritania 2016-03-04 08:48:29
## 281                    French Guiana 2016-01-05 00:02:53
## 282         Northern Mariana Islands 2016-05-15 01:03:06
## 283                          Lebanon 2016-05-05 09:28:36
## 284        Saint Pierre and Miquelon 2016-05-26 13:18:30
## 285                   American Samoa 2016-05-21 01:36:16
## 286                          Austria 2016-05-04 12:06:18
## 287                            Tonga 2016-07-05 18:59:45
## 288                            Tonga 2016-06-28 20:13:41
## 289      French Southern Territories 2016-05-05 11:09:29
## 290                           Serbia 2016-03-25 15:17:39
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## 291               New Caledonia 2016-01-23 15:02:13
## 292                      Taiwan 2016-05-29 07:29:27
## 293    United States of America 2016-05-30 07:36:31
## 294                     Morocco 2016-04-17 15:46:03
## 295                    Suriname 2016-07-20 23:08:28
## 296                   Macedonia 2016-06-29 03:07:51
## 297           Wallis and Futuna 2016-04-10 14:48:35
## 298                       Chile 2016-04-16 16:38:35
## 299                       Gabon 2016-05-03 08:21:23
## 300                       Gabon 2016-03-18 16:04:59
## 301 Holy See (Vatican City State) 2016-05-22 00:01:58
## 302                   Seychelles 2016-02-01 20:30:35
## 303                     Mayotte 2016-01-23 17:39:06
## 304                      Uganda 2016-05-19 03:52:24
## 305                    Cambodia 2016-05-09 21:54:38
## 306         Antigua and Barbuda 2016-05-31 11:44:45
## 307                    Cameroon 2016-03-30 19:09:50
## 308                     Somalia 2016-01-09 15:49:28
## 309                     Lebanon 2016-04-18 03:41:56
## 310   Saint Pierre and Miquelon 2016-06-13 13:59:51
## 311                    Dominica 2016-04-23 08:15:31
## 312                     Hungary 2016-03-27 16:41:29
## 313                      Taiwan 2016-02-19 07:29:30
## 314                 Saint Lucia 2016-05-19 11:16:59
## 315                        Niue 2016-01-27 20:47:57
## 316                      France 2016-04-20 00:41:53
## 317                      Cyprus 2016-02-07 07:41:06
## 318 French Southern Territories 2016-04-21 09:30:35
## 319                  Costa Rica 2016-04-19 05:15:28
## 320                     Austria 2016-04-12 14:01:08
## 321                      Zambia 2016-03-15 11:25:48
## 322                       Congo 2016-02-16 18:21:36
## 323    United States of America 2016-02-18 23:08:59
## 324             Pitcairn Islands 2016-03-25 08:40:15
## 325                       Belize 2016-03-16 00:28:10
## 326                     Anguilla 2016-01-28 11:50:40
## 327                 South Africa 2016-03-24 02:01:55
## 328                   Singapore 2016-03-03 22:31:16
## 329                     Finland 2016-02-26 09:54:33
## 330                   Martinique 2016-07-06 15:56:39
## 331                    Cameroon 2016-06-24 05:50:22
## 332                      Sweden 2016-05-23 21:00:45
## 333               New Caledonia 2016-02-03 19:12:51
## 334      Bosnia and Herzegovina 2016-04-28 22:54:37
## 335                   Singapore 2016-03-19 14:57:00
## 336   Falkland Islands (Malvinas) 2016-07-15 09:08:42
## 337      Bosnia and Herzegovina 2016-05-12 04:35:59
## 338                   Mauritius 2016-01-01 21:58:55
## 339                   Indonesia 2016-03-13 13:50:25
## 340              Czech Republic 2016-07-16 14:13:54
## 341                     Eritrea 2016-04-18 00:49:33
## 342                      Mexico 2016-07-17 01:13:56
## 343                   Gibraltar 2016-02-17 07:05:57
## 344                       Haiti 2016-06-16 02:33:22
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## 345        Falkland Islands (Malvinas) 2016-04-09 16:31:15
## 346                            Eritrea 2016-03-18 17:35:40
## 347                          Hong Kong 2016-05-11 22:02:17
## 348                             Gambia 2016-05-25 20:10:02
## 349                           Barbados 2016-02-29 19:26:35
## 350                              Nauru 2016-06-09 14:24:06
## 351                               Peru 2016-01-30 16:15:29
## 352                        El Salvador 2016-02-15 05:35:54
## 353             Libyan Arab Jamahiriya 2016-01-31 06:14:10
## 354                           Cambodia 2016-01-05 16:34:31
## 355                   Saint Barthelemy 2016-05-31 02:17:18
## 356                            Reunion 2016-04-21 16:10:50
## 357                Antigua and Barbuda 2016-04-10 03:30:16
## 358                              Samoa 2016-02-09 07:21:25
## 359                        Afghanistan 2016-06-17 17:11:16
## 360                         Azerbaijan 2016-05-22 21:54:23
## 361                        Philippines 2016-07-13 07:41:42
## 362                             Angola 2016-01-23 18:59:21
## 363                            Albania 2016-05-20 12:17:59
## 364                            Hungary 2016-01-30 04:38:41
## 365                      Faroe Islands 2016-04-21 12:34:28
## 366                     Czech Republic 2016-04-22 20:32:17
## 367         Svalbard & Jan Mayen Islands 2016-01-11 06:02:27
## 368                        Afghanistan 2016-03-01 10:01:35
## 369                             Rwanda 2016-04-04 08:19:54
## 370                             Panama 2016-06-20 06:30:06
## 371                              Samoa 2016-01-28 07:10:29
## 372      United States Minor Outlying Islands 2016-07-03 04:11:40
## 373                             Greece 2016-05-15 13:18:34
## 374                      Cote d'Ivoire 2016-04-08 22:48:25
## 375                           Pakistan 2016-01-19 12:18:13
## 376                           Anguilla 2016-05-26 15:40:26
## 377                             Cyprus 2016-01-26 15:56:55
## 378                               Peru 2016-06-17 09:58:46
## 379                              Kenya 2016-04-25 21:15:39
## 380                               Chad 2016-07-13 11:41:29
## 381                    Kyrgyz Republic 2016-07-05 15:14:10
## 382                            Albania 2016-03-15 14:06:17
## 383                              Gabon 2016-06-19 22:08:15
## 384                 Dominican Republic 2016-07-05 20:16:13
## 385                           Zimbabwe 2016-05-09 08:44:55
## 386                            Croatia 2016-07-21 23:14:35
## 387                           Cambodia 2016-06-03 17:32:47
## 388                           Mongolia 2016-01-15 19:40:47
## 389                           Honduras 2016-02-05 16:50:58
## 390                         Madagascar 2016-02-29 23:56:06
## 391                              Qatar 2016-05-08 12:08:26
## 392                              China 2016-07-13 01:48:46
## 393                         Bangladesh 2016-01-08 02:34:06
## 394                          Swaziland 2016-06-08 12:25:49
## 395                           Tanzania 2016-06-15 11:56:41
## 396                            Eritrea 2016-06-13 22:41:45
## 397                             Canada 2016-06-20 14:20:52
## 398               Saint Kitts and Nevis 2016-04-03 06:17:22
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## 399                       Burkina Faso 2016-05-31 23:42:26
## 400                             Tuvalu 2016-02-15 03:43:55
## 401                         El Salvador 2016-03-10 23:26:54
## 402                          Madagascar 2016-02-26 17:01:01
## 403                          Bangladesh 2016-04-17 21:39:11
## 404                      American Samoa 2016-03-26 19:54:16
## 405                              Latvia 2016-06-29 21:39:42
## 406                             Moldova 2016-01-27 17:55:44
## 407                            Anguilla 2016-03-17 23:39:28
## 408                          Bangladesh 2016-07-09 16:23:33
## 409                        Faroe Islands 2016-06-28 12:51:02
## 410                              Taiwan 2016-06-18 16:32:58
## 411   Heard Island and McDonald Islands 2016-05-28 12:38:37
## 412                              Israel 2016-01-16 16:40:30
## 413                             Bolivia 2016-07-11 15:45:23
## 414                             Bahamas 2016-07-16 23:08:54
## 415                          Costa Rica 2016-04-06 21:20:07
## 416                             Myanmar 2016-07-05 00:54:11
## 417                 Netherlands Antilles 2016-02-17 23:47:00
## 418                       Czech Republic 2016-03-15 17:33:15
## 419                             Iceland 2016-01-21 18:51:01
## 420                               Palau 2016-06-06 22:41:24
## 421               Libyan Arab Jamahiriya 2016-05-16 14:50:22
## 422                          Kazakhstan 2016-04-17 19:10:56
## 423                       French Guiana 2016-03-30 01:05:34
## 424                              Tuvalu 2016-06-29 09:04:31
## 425                               Congo 2016-05-26 13:43:05
## 426                      United Kingdom 2016-04-15 10:16:49
## 427                          Luxembourg 2016-05-31 09:06:29
## 428                     French Polynesia 2016-02-15 14:13:47
## 429                    Papua New Guinea 2016-05-09 10:21:48
## 430                            Maldives 2016-07-07 23:32:38
## 431                              Zambia 2016-01-03 17:10:05
## 432                        Cook Islands 2016-07-17 18:55:38
## 433                               Congo 2016-04-04 18:36:59
## 434                             Senegal 2016-02-27 12:34:19
## 435                             Myanmar 2016-06-08 20:13:27
## 436                  Dominican Republic 2016-02-20 10:52:51
## 437                             Bahrain 2016-03-23 21:06:51
## 438                         Puerto Rico 2016-06-07 01:29:06
## 439                               Chile 2016-01-18 15:18:01
## 440                             Bolivia 2016-06-09 19:32:27
## 441                              Serbia 2016-05-30 20:07:59
## 442                            Malaysia 2016-04-01 09:21:14
## 443                             Estonia 2016-05-31 06:21:02
## 444                           Greenland 2016-07-03 22:13:19
## 445                  Trinidad and Tobago 2016-03-10 01:36:19
## 446                            Thailand 2016-03-18 02:39:26
## 447                         Philippines 2016-05-30 18:08:19
## 448                                Niue 2016-02-20 00:06:20
## 449                         Afghanistan 2016-03-10 22:28:52
## 450                              Angola 2016-06-21 14:32:32
## 451                               Egypt 2016-02-05 15:26:37
## 452                                Fiji 2016-05-31 21:41:46
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## 453                              Portugal 2016-01-01 02:52:10
## 454                               Austria 2016-03-04 14:10:12
## 455                               Germany 2016-02-03 10:40:27
## 456                                Panama 2016-01-20 00:26:15
## 457              United States of America 2016-06-11 09:37:52
## 458                      Christmas Island 2016-03-08 05:48:20
## 459                     Equatorial Guinea 2016-02-14 22:23:30
## 460                            Micronesia 2016-07-17 22:04:54
## 461                                 Malta 2016-06-02 22:16:08
## 462                               Ecuador 2016-04-30 19:42:04
## 463                                 Sudan 2016-04-17 06:58:18
## 464      Lao People's Democratic Republic 2016-03-09 00:41:46
## 465     Saint Vincent and the Grenadines 2016-03-07 20:02:51
## 466                           Switzerland 2016-05-26 10:33:00
## 467                                 Spain 2016-07-18 01:36:37
## 468             Turks and Caicos Islands 2016-07-16 05:56:42
## 469                             Indonesia 2016-03-22 06:41:38
## 470                          Cook Islands 2016-06-03 06:34:44
## 471                             Australia 2016-06-28 09:19:06
## 472                               Finland 2016-07-18 18:33:05
## 473                              Pakistan 2016-01-23 04:47:37
## 474                               Ireland 2016-02-29 11:00:06
## 475                               Eritrea 2016-06-30 00:19:33
## 476                                France 2016-06-19 18:19:38
## 477                               Austria 2016-01-08 08:08:47
## 478      Heard Island and McDonald Islands 2016-01-02 12:25:36
## 479                        Western Sahara 2016-05-13 11:57:12
## 480                               Liberia 2016-02-08 14:02:22
## 481                    Dominican Republic 2016-06-07 23:46:51
## 482                                 Tonga 2016-01-02 14:36:03
## 483      Lao People's Democratic Republic 2016-02-13 04:16:08
## 484              United States of America 2016-05-03 12:57:19
## 485                               Belgium 2016-04-03 11:38:36
## 486                             Indonesia 2016-03-23 19:58:15
## 487                               Croatia 2016-02-02 11:49:18
## 488                      Brunei Darussalam 2016-03-08 10:39:16
## 489                        American Samoa 2016-04-08 14:35:44
## 490                    Netherlands Antilles 2016-06-30 00:40:31
## 491                              Thailand 2016-03-25 19:02:35
## 492                                Greece 2016-05-12 21:32:06
## 493                      French Polynesia 2016-03-02 05:11:01
## 494                              Guernsey 2016-05-10 14:12:31
## 495                           Isle of Man 2016-03-03 02:59:37
## 496          Holy See (Vatican City State) 2016-07-04 11:03:49
## 497                           El Salvador 2016-07-08 03:47:41
## 498                                 China 2016-05-27 05:35:27
## 499                               Myanmar 2016-02-10 13:46:35
## 500                                 Macao 2016-06-12 21:21:53
## 501                             Australia 2016-01-07 13:58:51
## 502           United States Virgin Islands 2016-05-13 14:12:39
## 503                                Mexico 2016-05-02 00:01:56
## 504                              Djibouti 2016-02-07 17:06:35
## 505                         Cote d'Ivoire 2016-02-15 07:27:41
## 506                                  Mali 2016-02-21 05:23:28
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## 507                             Jamaica 2016-03-20 22:27:25
## 508                             Romania 2016-03-24 09:34:00
## 509                       Cayman Islands 2016-04-04 20:01:12
## 510                              Gambia 2016-01-02 04:50:44
## 511                             Algeria 2016-07-08 17:14:01
## 512                          Puerto Rico 2016-03-28 19:48:37
## 513                       Norfolk Island 2016-07-11 09:32:53
## 514                              Turkey 2016-06-09 17:11:02
## 515                              Guinea 2016-05-19 09:30:12
## 516                             Moldova 2016-04-12 12:35:39
## 517                              Greece 2016-07-04 23:17:47
## 518                       American Samoa 2016-02-01 00:52:29
## 519                            Honduras 2016-01-13 02:39:00
## 520                            Mongolia 2016-06-18 16:02:34
## 521                            Ethiopia 2016-01-01 20:17:49
## 522                            Ethiopia 2016-03-02 04:02:45
## 523                           Sri Lanka 2016-03-30 20:23:48
## 524                             Morocco 2016-05-01 00:23:13
## 525                United Arab Emirates 2016-06-17 03:02:55
## 526                       Western Sahara 2016-03-23 08:52:31
## 527                       Western Sahara 2016-05-08 22:24:27
## 528                            Cambodia 2016-04-06 05:55:43
## 529                         New Zealand 2016-04-05 05:54:15
## 530                           Australia 2016-04-16 12:26:31
## 531                            Bulgaria 2016-06-01 03:44:42
## 532              Libyan Arab Jamahiriya 2016-04-04 22:00:15
## 533                            Barbados 2016-06-26 04:22:26
## 534                    French Polynesia 2016-07-07 03:55:01
## 535                             Uruguay 2016-03-20 08:22:50
## 536                             Uruguay 2016-04-20 10:04:29
## 537                              Brazil 2016-03-25 05:05:27
## 538                           Venezuela 2016-02-14 07:15:37
## 539                             Myanmar 2016-03-26 00:32:02
## 540                               Malta 2016-07-05 22:33:48
## 541                             Jamaica 2016-03-14 03:29:12
## 542                             Bahrain 2016-05-30 02:34:25
## 543                             Algeria 2016-03-07 22:32:15
## 544                              Tuvalu 2016-03-19 00:27:58
## 545                             Georgia 2016-06-18 05:17:33
## 546                            Cambodia 2016-07-11 18:12:43
## 547                                Guam 2016-01-01 08:27:06
## 548                            Tanzania 2016-04-07 01:57:38
## 549                           Indonesia 2016-02-28 22:02:14
## 550                             Somalia 2016-06-26 17:25:55
## 551                              Belize 2016-01-21 04:30:43
## 552                              Serbia 2016-05-01 21:46:37
## 553                           Australia 2016-02-14 10:06:49
## 554                                Guam 2016-01-27 18:25:42
## 555                     Christmas Island 2016-06-16 20:24:33
## 556                   Papua New Guinea 2016-07-21 10:01:50
## 557                             Bahamas 2016-04-21 18:31:27
## 558                             Comoros 2016-07-20 01:56:33
## 559                       Western Sahara 2016-02-26 17:14:14
## 560                           Nicaragua 2016-01-16 17:56:05
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## 561                            Guam 2016-04-01 01:57:12
## 562                         Vanuatu 2016-06-24 08:42:20
## 563                         Bolivia 2016-05-27 18:45:35
## 564                           Malawi 2016-05-26 15:40:12
## 565                        Venezuela 2016-04-06 01:19:08
## 566                            Nepal 2016-01-08 19:38:45
## 567                   United Kingdom 2016-02-24 19:08:11
## 568                          Albania 2016-03-10 07:07:31
## 569                       Madagascar 2016-04-29 07:49:01
## 570                           Guyana 2016-04-10 16:08:09
## 571                            Yemen 2016-04-27 18:25:30
## 572                            India 2016-05-10 04:28:55
## 573                      Puerto Rico 2016-01-03 23:21:26
## 574      United States Virgin Islands 2016-02-15 16:52:04
## 575              Antigua and Barbuda 2016-03-09 02:07:17
## 576                    French Guiana 2016-01-09 17:33:03
## 577              Antigua and Barbuda 2016-02-03 05:47:09
## 578                     Turkmenistan 2016-01-02 09:30:11
## 579                         Honduras 2016-01-04 07:28:43
## 580                       Seychelles 2016-01-07 21:21:50
## 581                           Cyprus 2016-07-24 00:22:16
## 582       Saint Pierre and Miquelon 2016-02-13 13:57:53
## 583                           Poland 2016-05-08 10:25:08
## 584                           Taiwan 2016-02-17 18:50:57
## 585                    Cote d'Ivoire 2016-01-22 19:43:53
## 586                       Micronesia 2016-07-20 13:21:37
## 587                          Liberia 2016-01-05 20:58:42
## 588                     Saudi Arabia 2016-01-29 05:39:16
## 589                            Nepal 2016-06-17 20:18:27
## 590                            Ghana 2016-02-23 13:55:48
## 591                             Iran 2016-07-09 11:18:02
## 592                      New Zealand 2016-03-19 11:09:36
## 593           Libyan Arab Jamahiriya 2016-01-29 07:14:04
## 594                        Sri Lanka 2016-06-14 07:02:09
## 595             United Arab Emirates 2016-05-18 03:19:03
## 596                        Indonesia 2016-01-30 09:54:03
## 597  Saint Vincent and the Grenadines 2016-04-25 16:58:50
## 598                         Mongolia 2016-01-14 16:30:38
## 599                         Honduras 2016-07-06 05:34:52
## 600                Papua New Guinea 2016-04-07 10:51:05
## 601                 Kyrgyz Republic 2016-04-17 05:08:52
## 602                         Ethiopia 2016-01-28 17:03:54
## 603                           Rwanda 2016-02-18 22:42:33
## 604                 Kyrgyz Republic 2016-06-24 21:09:58
## 605                          Grenada 2016-06-20 04:24:41
## 606                             Togo 2016-02-14 16:33:29
## 607                         Pakistan 2016-02-27 13:51:44
## 608       Falkland Islands (Malvinas) 2016-05-07 15:16:07
## 609                           Jersey 2016-03-16 20:10:53
## 610                   Cayman Islands 2016-06-26 02:06:59
## 611                     South Africa 2016-07-17 14:26:04
## 612                       Micronesia 2016-01-28 16:42:36
## 613                       Tajikistan 2016-06-16 18:04:51
## 614                          Bolivia 2016-06-19 23:21:38
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## 615                                    Cameroon 2016-05-24 17:42:58
## 616                                     Ecuador 2016-03-01 22:06:37
## 617                                      Zambia 2016-01-31 08:50:38
## 618                               Guinea-Bissau 2016-04-30 15:27:22
## 619                                  Micronesia 2016-01-13 20:38:35
## 620                                     Bahamas 2016-03-30 16:15:59
## 621                                  Cape Verde 2016-04-29 18:53:43
## 622                            French Polynesia 2016-06-14 19:48:34
## 623                                Saudi Arabia 2016-07-15 15:43:36
## 624                                      France 2016-03-24 05:38:01
## 625                                     Burundi 2016-04-26 20:57:48
## 626                                      Latvia 2016-01-12 03:28:31
## 627                                     Morocco 2016-04-09 23:26:42
## 628                                   Venezuela 2016-03-28 09:15:58
## 629                                       Palau 2016-06-23 11:05:01
## 630                                  Isle of Man 2016-01-24 01:53:14
## 631                                        Peru 2016-04-15 10:18:55
## 632                                     Belgium 2016-04-26 13:13:20
## 633                                     Croatia 2016-05-16 23:21:06
## 634                                      France 2016-01-18 02:51:13
## 635                                    Slovenia 2016-06-20 08:34:46
## 636                                        Peru 2016-07-18 04:53:22
## 637                                     Belarus 2016-07-01 01:12:04
## 638                                     Bolivia 2016-03-07 22:51:00
## 639                                       Benin 2016-05-02 15:31:28
## 640                            Wallis and Futuna 2016-07-23 06:18:51
## 641                                  Azerbaijan 2016-06-12 03:11:04
## 642                                    Mongolia 2016-02-15 20:41:05
## 643                                     Denmark 2016-01-23 01:42:28
## 644                          Russian Federation 2016-02-26 01:18:44
## 645                                      Brazil 2016-01-11 02:07:14
## 646                                    Ethiopia 2016-04-04 13:56:14
## 647                                      Guyana 2016-01-14 09:27:59
## 648                                    Ethiopia 2016-04-25 03:18:45
## 649                                   Mauritius 2016-03-05 23:02:11
## 650                                    Djibouti 2016-01-06 21:43:22
## 651                         Syrian Arab Republic 2016-02-18 03:58:36
## 652                                Saint Martin 2016-04-16 14:15:55
## 653                         Netherlands Antilles 2016-02-24 06:18:11
## 654                                      Greece 2016-06-29 01:19:21
## 655                                  Madagascar 2016-01-05 06:34:20
## 656                                     Senegal 2016-07-16 10:14:04
## 657                                Burkina Faso 2016-06-17 03:23:13
## 658                              Czech Republic 2016-06-13 11:06:40
## 659            Lao People's Democratic Republic 2016-04-05 08:18:45
## 660                         Netherlands Antilles 2016-04-17 18:38:14
## 661                                       Qatar 2016-02-03 16:54:33
## 662                                     Andorra 2016-04-18 21:07:28
## 663                               Liechtenstein 2016-06-18 22:31:22
## 664                                       China 2016-03-12 07:18:36
## 665                                     Vietnam 2016-01-15 01:20:05
## 666                                  Tajikistan 2016-02-12 10:39:10
## 667                                     Eritrea 2016-02-16 02:29:03
## 668                                      Monaco 2016-04-04 21:23:13
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## 669                                                 Israel 2016-04-24 01:48:21
## 670                                                Hungary 2016-05-20 00:00:48
## 671                                              Singapore 2016-05-15 03:10:50
## 672                                                   Cuba 2016-01-07 23:02:43
## 673                                                Reunion 2016-07-19 12:05:58
## 674                                                 Zambia 2016-04-04 00:02:20
## 675                                                  Gabon 2016-06-10 04:21:57
## 676                                               Dominica 2016-03-11 14:50:56
## 677                                                Bahamas 2016-01-14 20:58:10
## 678                                                Tokelau 2016-06-22 05:22:58
## 679                                           Turkmenistan 2016-03-19 08:00:58
## 680                                                Belgium 2016-04-15 15:07:17
## 681                                          French Guiana 2016-03-28 02:29:19
## 682                                             Martinique 2016-01-22 15:03:25
## 683                                       French Polynesia 2016-06-25 17:33:35
## 684                                                Ecuador 2016-03-04 14:33:38
## 685                                            Puerto Rico 2016-06-29 02:48:44
## 686                                   United Arab Emirates 2016-06-18 01:42:37
## 687                                           Burkina Faso 2016-01-31 09:57:34
## 688                                             Luxembourg 2016-05-22 15:17:25
## 689                                                Jamaica 2016-07-22 11:05:10
## 690            Antarctica (the territory South of 60 deg S) 2016-07-13 14:05:22
## 691                                                  China 2016-02-11 11:50:26
## 692                                         Western Sahara 2016-03-16 20:33:10
## 693                                                Lebanon 2016-04-25 19:31:39
## 694                                              Hong Kong 2016-07-14 22:43:29
## 695                                                Vanuatu 2016-05-30 08:02:35
## 696                                                Vanuatu 2016-02-14 11:36:08
## 697                                              Guatemala 2016-01-23 21:15:57
## 698                                              Greenland 2016-07-18 02:51:19
## 699                                   Syrian Arab Republic 2016-02-10 08:21:13
## 700                                            Saint Helena 2016-01-04 06:37:15
## 701                                                Lebanon 2016-06-05 21:38:22
## 702                                                  Malta 2016-06-01 03:17:50
## 703                                        Christmas Island 2016-03-06 06:51:23
## 704                                                Ukraine 2016-02-26 19:35:54
## 705                                                  Malta 2016-07-13 14:30:14
## 706                                                  Italy 2016-06-29 07:20:46
## 707                                                  Japan 2016-03-15 06:54:21
## 708                                              Mauritius 2016-06-11 06:47:55
## 709                                                 Turkey 2016-07-17 13:22:43
## 710                                                Namibia 2016-02-14 14:38:01
## 711                                                  China 2016-05-04 05:01:37
## 712                                            Netherlands 2016-05-20 12:17:28
## 713                                              Gibraltar 2016-01-26 02:47:17
## 714                                                  Congo 2016-07-07 18:07:19
## 715                                                Senegal 2016-01-11 12:46:31
## 716                                                Hungary 2016-05-12 12:11:12
## 717                                        Pitcairn Islands 2016-02-28 23:21:22
## 718                             Slovakia (Slovak Republic) 2016-05-03 16:02:50
## 719                            United States Virgin Islands 2016-03-15 20:19:20
## 720                                                 Monaco 2016-07-23 05:21:39
## 721                                               Portugal 2016-03-11 10:01:23
## 722                                                 Turkey 2016-02-11 20:45:46
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## 723                                       Uganda 2016-07-06 23:09:07
## 724                                Norfolk Island 2016-03-22 19:14:47
## 725                                          Niue 2016-05-26 13:28:36
## 726                                       Ukraine 2016-06-18 19:10:14
## 727                                       Vanuatu 2016-03-20 07:12:52
## 728          United States Minor Outlying Islands 2016-06-03 07:00:36
## 729                                       Armenia 2016-02-03 15:15:42
## 730                                        Sweden 2016-05-03 16:55:02
## 731                                   Timor-Leste 2016-06-20 02:25:12
## 732                   French Southern Territories 2016-07-10 19:15:52
## 733                                       Finland 2016-01-04 04:00:35
## 734             Saint Vincent and the Grenadines 2016-04-20 16:49:15
## 735                                        Senegal 2016-01-23 13:14:18
## 736                                        Burundi 2016-01-04 22:27:25
## 737                                        Bahamas 2016-04-08 22:40:55
## 738                                         Sweden 2016-01-05 11:53:17
## 739                    Svalbard & Jan Mayen Islands 2016-03-17 22:24:02
## 740                                          Tonga 2016-06-29 04:23:10
## 741                                          Korea 2016-05-25 19:45:16
## 742                                Kyrgyz Republic 2016-06-17 23:19:38
## 743                                     Costa Rica 2016-04-24 07:20:16
## 744                                  Liechtenstein 2016-03-18 13:00:12
## 745                                       Zimbabwe 2016-04-28 21:58:25
## 746                                     Costa Rica 2016-02-12 08:46:15
## 747                                        Hungary 2016-07-11 13:23:37
## 748                                           Fiji 2016-01-29 00:45:19
## 749                                    Netherlands 2016-01-05 16:26:44
## 750                                         Sweden 2016-06-20 08:22:09
## 751                                       Barbados 2016-02-06 17:48:28
## 752                                       Paraguay 2016-06-22 17:19:09
## 753                                          Italy 2016-04-16 05:24:33
## 754                                        Belarus 2016-01-17 05:07:11
## 755  South Georgia and the South Sandwich Islands 2016-07-08 22:30:10
## 756                                       Anguilla 2016-03-11 00:05:48
## 757                                   Sierra Leone 2016-06-10 00:35:15
## 758                                   Saint Martin 2016-01-04 00:44:57
## 759                                         Uganda 2016-01-01 15:14:24
## 760                                   Saudi Arabia 2016-07-10 17:24:51
## 761                                      Greenland 2016-03-27 19:50:11
## 762                                      Venezuela 2016-04-29 13:38:19
## 763                                        Liberia 2016-01-08 18:13:43
## 764                                           Mali 2016-06-05 07:54:30
## 765                         Bosnia and Herzegovina 2016-06-29 10:50:45
## 766                               Brunei Darussalam 2016-04-24 13:46:10
## 767  South Georgia and the South Sandwich Islands 2016-02-14 04:14:13
## 768                                 Czech Republic 2016-06-15 05:43:02
## 769                                    El Salvador 2016-07-06 12:04:29
## 770                                        Tokelau 2016-03-31 13:54:51
## 771                                         France 2016-06-21 00:52:47
## 772                                          Gabon 2016-05-27 05:23:26
## 773                                       Bulgaria 2016-01-17 18:45:55
## 774                                   Burkina Faso 2016-04-07 20:34:42
## 775                                        Mayotte 2016-05-02 18:37:01
## 776                                        Somalia 2016-06-04 17:24:07
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## 777                                    Albania 2016-04-07 18:52:57
## 778                                    Bolivia 2016-06-10 22:21:10
## 779                                     Jersey 2016-05-19 06:37:38
## 780                      British Virgin Islands 2016-03-28 23:01:24
## 781                                Saint Helena 2016-01-21 22:51:34
## 782                      Bosnia and Herzegovina 2016-03-12 06:05:12
## 783                                      India 2016-06-04 09:13:29
## 784                                    Georgia 2016-05-24 10:16:38
## 785        United States Minor Outlying Islands 2016-03-25 06:36:53
## 786                                   Kiribati 2016-04-22 00:28:18
## 787                                      Ghana 2016-03-22 04:13:35
## 788                                      Samoa 2016-01-14 08:27:04
## 789                                       Iran 2016-04-14 21:37:49
## 790                                 Costa Rica 2016-05-31 17:50:15
## 791                   Northern Mariana Islands 2016-03-17 06:25:47
## 792                              Liechtenstein 2016-04-13 07:07:36
## 793                                    Grenada 2016-02-03 22:11:13
## 794                                     Poland 2016-02-02 19:59:17
## 795                                      Kenya 2016-04-07 20:38:02
## 796                                       Iran 2016-03-15 19:35:19
## 797                                    Belgium 2016-03-11 12:39:19
## 798                                    Namibia 2016-05-17 18:06:46
## 799                                     Cyprus 2016-02-28 23:10:32
## 800                                      Japan 2016-03-02 06:35:08
## 801                                   Zimbabwe 2016-02-27 08:52:50
## 802                                    Andorra 2016-03-14 04:34:35
## 803                                 Luxembourg 2016-03-10 15:07:44
## 804                                     Cyprus 2016-05-01 08:27:12
## 805                                     Turkey 2016-06-12 11:17:25
## 806                                  Hong Kong 2016-05-28 12:20:15
## 807                                Netherlands 2016-03-18 09:08:39
## 808               United States Virgin Islands 2016-05-26 06:03:57
## 809                            Marshall Islands 2016-07-06 03:40:17
## 810                              Western Sahara 2016-04-29 14:10:00
## 811          Saint Vincent and the Grenadines 2016-03-05 20:53:19
## 812                   United States of America 2016-05-30 08:35:54
## 813                                     Angola 2016-04-10 06:32:11
## 814                             Cayman Islands 2016-01-20 02:31:36
## 815                                  Swaziland 2016-07-20 21:53:42
## 816                          Wallis and Futuna 2016-01-17 04:12:30
## 817                                   Zimbabwe 2016-02-24 07:13:00
## 818                                       Chad 2016-03-26 19:37:46
## 819                                Saint Martin 2016-06-04 09:25:27
## 820                                     Rwanda 2016-04-22 07:48:33
## 821                                    Moldova 2016-03-31 08:53:43
## 822                                      Gabon 2016-04-16 08:36:08
## 823                                    Denmark 2016-05-12 20:57:10
## 824              Svalbard & Jan Mayen Islands 2016-05-07 21:32:51
## 825                                     Poland 2016-06-25 00:33:23
## 826                                       Fiji 2016-03-23 05:27:35
## 827                                Philippines 2016-03-04 13:47:47
## 828                                    Vietnam 2016-06-14 12:08:10
## 829                                     Jersey 2016-05-11 19:13:42
## 830                                  Indonesia 2016-01-21 23:33:22
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## 831          Palestinian Territory 2016-01-15 19:45:33
## 832                         Latvia 2016-04-23 09:42:08
## 833                          Malta 2016-05-23 08:06:24
## 834                    Afghanistan 2016-02-27 15:04:52
## 835                        Austria 2016-02-23 17:37:46
## 836                      Micronesia 2016-03-17 22:59:46
## 837                         Mexico 2016-02-28 03:34:35
## 838                          Chile 2016-03-15 14:33:12
## 839                           Cuba 2016-03-03 20:20:32
## 840                        Belarus 2016-04-06 14:16:52
## 841                         Malawi 2016-05-01 09:23:25
## 842                    Afghanistan 2016-05-30 08:02:27
## 843                     Luxembourg 2016-04-04 11:39:51
## 844                   South Africa 2016-04-06 23:10:40
## 845                          Nepal 2016-04-26 21:45:50
## 846                          Spain 2016-05-25 00:34:59
## 847                      Hong Kong 2016-02-11 16:45:41
## 848      Slovakia (Slovak Republic) 2016-01-30 00:05:37
## 849                 Cayman Islands 2016-07-12 10:56:21
## 850                         Uganda 2016-04-23 03:46:34
## 851                        Vanuatu 2016-04-16 10:36:49
## 852                       Anguilla 2016-03-11 13:07:30
## 853                    Switzerland 2016-03-02 15:39:02
## 854                       Zimbabwe 2016-07-13 21:31:14
## 855                        Uruguay 2016-05-29 18:12:00
## 856                        Liberia 2016-05-10 17:13:47
## 857                          Egypt 2016-05-07 08:39:47
## 858                         Greece 2016-01-17 13:27:13
## 859                        Bahrain 2016-03-09 06:22:03
## 860                      Sri Lanka 2016-04-05 18:02:49
## 861                     Kazakhstan 2016-04-01 07:37:18
## 862                      Greenland 2016-02-15 16:18:49
## 863                        Moldova 2016-03-08 05:12:57
## 864                         Poland 2016-02-09 23:38:30
## 865                       Anguilla 2016-06-17 09:38:22
## 866       Central African Republic 2016-06-01 12:27:17
## 867                         Mexico 2016-02-26 23:44:44
## 868                           Togo 2016-03-11 09:58:32
## 869                        Armenia 2016-04-28 02:55:10
## 870                      Nicaragua 2016-04-12 04:22:42
## 871                        Eritrea 2016-02-10 20:43:38
## 872                         Canada 2016-05-01 23:21:53
## 873                        Croatia 2016-03-24 17:48:31
## 874                    Switzerland 2016-04-22 19:45:19
## 875                          Yemen 2016-03-09 12:10:08
## 876                        Tokelau 2016-03-30 05:29:38
## 877                        Armenia 2016-01-24 13:41:38
## 878              Equatorial Guinea 2016-07-15 09:42:19
## 879                       Barbados 2016-06-07 05:41:16
## 880                  American Samoa 2016-05-31 23:32:00
## 881                    Saint Lucia 2016-05-14 14:49:05
## 882                        Algeria 2016-01-10 20:18:21
## 883                   Turkmenistan 2016-02-21 16:57:59
## 884                        Mayotte 2016-05-23 00:32:54
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## 885                                South Africa 2016-07-21 20:30:06
## 886                                       Macao 2016-05-15 18:44:50
## 887                                      France 2016-06-30 00:43:40
## 888                           Equatorial Guinea 2016-02-24 06:17:18
## 889                                        Mali 2016-05-30 21:22:22
## 890                                     Mayotte 2016-06-02 04:14:37
## 891                                    Pakistan 2016-04-18 07:00:38
## 892                                  Guadeloupe 2016-02-29 18:06:21
## 893                                     Denmark 2016-05-27 12:45:37
## 894                                 New Zealand 2016-01-12 21:17:15
## 895                         Netherlands Antilles 2016-01-27 17:08:19
## 896                                     Belarus 2016-06-10 03:56:41
## 897                                      Taiwan 2016-04-09 09:26:39
## 898                                  El Salvador 2016-02-26 06:00:16
## 899                                      Taiwan 2016-02-21 23:07:11
## 900                                        Peru 2016-04-29 14:08:26
## 901                                     Liberia 2016-02-11 17:02:07
## 902                                     Burundi 2016-07-22 07:44:43
## 903                                       Macao 2016-06-26 02:34:15
## 904                                   Venezuela 2016-05-14 23:08:14
## 905                                  Luxembourg 2016-05-24 10:04:39
## 906                                       Italy 2016-02-16 12:05:45
## 907                                  San Marino 2016-03-20 02:44:13
## 908                                  Madagascar 2016-01-31 05:12:44
## 909                              Norfolk Island 2016-04-01 05:17:28
## 910                                     Vanuatu 2016-02-25 16:33:24
## 911                                     Tunisia 2016-03-21 11:02:49
## 912                                    Paraguay 2016-02-12 05:20:19
## 913                                   Macedonia 2016-06-01 16:10:30
## 914          Heard Island and McDonald Islands 2016-06-16 03:17:45
## 915                                    Ethiopia 2016-03-26 15:28:07
## 916                                  El Salvador 2016-02-16 07:37:28
## 917                                       Niger 2016-02-28 09:31:31
## 918                                 Timor-Leste 2016-05-18 01:00:52
## 919                                     Uruguay 2016-02-21 13:11:08
## 920                                     Somalia 2016-01-05 12:59:07
## 921                                    Malaysia 2016-05-18 00:07:43
## 922                                       Korea 2016-03-06 23:26:44
## 923          Lao People's Democratic Republic 2016-05-19 04:23:41
## 924                                     Bahamas 2016-04-29 20:40:21
## 925                                      Guyana 2016-05-03 01:09:01
## 926                                    Ethiopia 2016-06-27 21:51:47
## 927                      Bosnia and Herzegovina 2016-02-08 07:33:22
## 928                                      Cyprus 2016-02-22 07:04:05
## 929                                   Singapore 2016-03-21 08:13:24
## 930                          Dominican Republic 2016-05-31 00:58:37
## 931                                     Bermuda 2016-01-01 05:31:22
## 932                                     Jamaica 2016-05-27 08:53:51
## 933                            Saint Barthelemy 2016-05-09 07:13:27
## 934                                     Albania 2016-06-27 01:56:36
## 935                                  Mozambique 2016-06-03 04:51:46
## 936                                    Zimbabwe 2016-02-24 00:44:44
## 937                                     Georgia 2016-03-05 12:03:41
## 938                                      Brazil 2016-01-15 22:49:45
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## 939            Syrian Arab Republic 2016-02-12 03:39:09
## 940           Palestinian Territory 2016-02-19 20:49:27
## 941                         Grenada 2016-03-12 02:48:18
## 942                           Ghana 2016-07-23 04:04:42
## 943               Brunei Darussalam 2016-03-06 09:33:46
## 944                       Lithuania 2016-02-24 04:11:37
## 945                        Maldives 2016-02-17 20:22:49
## 946                         Lesotho 2016-02-02 04:57:50
## 947                  Czech Republic 2016-01-27 16:06:05
## 948                         Iceland 2016-05-24 09:50:41
## 949                     Philippines 2016-02-08 22:45:26
## 950                  Cayman Islands 2016-02-12 01:55:38
## 951                           Haiti 2016-01-11 08:18:12
## 952                        Colombia 2016-03-03 03:51:27
## 953                      Luxembourg 2016-05-30 20:08:51
## 954            United Arab Emirates 2016-04-22 22:01:21
## 955                         Ireland 2016-05-25 10:39:28
## 956                          Canada 2016-02-04 03:10:17
## 957      Svalbard & Jan Mayen Islands 2016-02-21 20:09:12
## 958                           Malta 2016-04-28 01:24:34
## 959                           Sudan 2016-05-18 19:33:51
## 960                         Ecuador 2016-02-17 11:15:31
## 961                         Senegal 2016-06-19 23:04:45
## 962                        Cambodia 2016-02-20 09:54:06
## 963                         Belarus 2016-01-22 12:58:14
## 964                          Guyana 2016-02-19 13:26:24
## 965                            Mali 2016-01-03 07:13:53
## 966                            Iran 2016-01-03 04:39:47
## 967                        Bulgaria 2016-04-13 13:04:47
## 968                     Afghanistan 2016-01-01 03:35:35
## 969                         Liberia 2016-03-27 08:32:37
## 970             Netherlands Antilles 2016-07-10 16:25:56
## 971                       Hong Kong 2016-06-25 04:21:33
## 972                           Palau 2016-01-27 14:41:10
## 973                          Malawi 2016-05-16 18:51:59
## 974                         Uruguay 2016-02-27 20:20:25
## 975                          Cyprus 2016-02-28 23:54:44
## 976                          Mexico 2016-06-13 06:11:33
## 977                           Niger 2016-05-05 11:07:13
## 978                          France 2016-07-07 12:17:33
## 979                           Japan 2016-05-24 17:07:08
## 980                  Norfolk Island 2016-03-30 14:36:55
## 981                        Bulgaria 2016-05-27 05:54:03
## 982                      Uzbekistan 2016-01-03 16:30:51
## 983                          Mexico 2016-06-25 18:17:53
## 984               Brunei Darussalam 2016-02-24 10:36:43
## 985                          France 2016-03-03 03:13:48
## 986                           Yemen 2016-04-21 19:56:24
## 987        Northern Mariana Islands 2016-04-06 17:26:37
## 988                          Poland 2016-03-23 12:53:23
## 989                         Bahrain 2016-02-17 07:00:38
## 990       Saint Pierre and Miquelon 2016-06-26 07:01:47
## 991                           Tonga 2016-04-20 13:36:42
## 992                         Comoros 2016-07-21 16:02:40
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## 993                                     Montenegro 2016-03-06 11:36:06
## 994                                    Isle of Man 2016-02-11 23:45:01
## 995                                        Mayotte 2016-04-04 03:57:48
## 996                                        Lebanon 2016-02-11 21:49:00
## 997                         Bosnia and Herzegovina 2016-04-22 02:07:01
## 998                                       Mongolia 2016-02-01 17:24:57
## 999                                      Guatemala 2016-03-24 02:35:54
## 1000                                        Brazil 2016-06-03 21:43:21
##      Clicked.on.Ad
## 11               1
## 12               0
## 13               1
## 14               0
## 15               1
## 16               1
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## 56          0
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## 996            1
## 997            1
## 998            1
## 999            0
## 1000           1
```

```
advertising[1:3, ] # First 3 rows
```

```
##   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
##                       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
##              Timestamp Clicked.on.Ad
## 1 2016-03-27 00:53:11             0
## 2 2016-04-04 01:39:02             0
## 3 2016-03-13 20:35:42             0
```

```
advertising[1:10,1:3] # First 10 rows of data of the first 3 columns
```

```
##   Daily.Time.Spent.on.Site Age Area.Income
## 1                    68.95  35    61833.90
## 2                    80.23  31    68441.85
## 3                    69.47  26    59785.94
## 4                    74.15  29    54806.18
## 5                    68.37  35    73889.99
## 6                    59.99  23    59761.56
## 7                    88.91  33    53852.85
```

```
## 8                        66.00  48    24593.33
## 9                        74.53  30    68862.00
## 10                       69.88  20    55642.32
```

```
summary(advertising) # Provides basic descriptive statistics and frequencies.
```

```
##  Daily.Time.Spent.on.Site      Age           Area.Income     Daily.Internet.Usage
##  Min.   :32.60           Min.   :19.00   Min.   :13996    Min.   :104.8
##  1st Qu.:51.36           1st Qu.:29.00   1st Qu.:47032    1st Qu.:138.8
##  Median :68.22           Median :35.00   Median :57012    Median :183.1
##  Mean   :65.00           Mean   :36.01   Mean   :55000    Mean   :180.0
##  3rd Qu.:78.55           3rd Qu.:42.00   3rd Qu.:65471    3rd Qu.:218.8
##  Max.   :91.43           Max.   :61.00   Max.   :79485    Max.   :270.0
##  Ad.Topic.Line         City                  Male           Country
##  Length:1000       Length:1000         Min.   :0.000    Length:1000
##  Class :character  Class :character    1st Qu.:0.000    Class :character
##  Mode  :character  Mode  :character    Median :0.000    Mode  :character
##                                        Mean   :0.481
##                                        3rd Qu.:1.000
##                                        Max.   :1.000
##    Timestamp         Clicked.on.Ad
##  Length:1000       Min.   :0.0
##  Class :character  1st Qu.:0.0
##  Mode  :character  Median :0.5
##                    Mean   :0.5
##                    3rd Qu.:1.0
##                    Max.   :1.0
```

```
edit(advertising) # Open data editor one can edit contents in table if you want
```

```
##       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
```

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```
## 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
```

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## 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
```

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## 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 2016-03-27 00:53:11
## 2                                                      Nauru 2016-04-04 01:39:02
## 3                                                 San Marino 2016-03-13 20:35:42
## 4                                                      Italy 2016-01-10 02:31:19
## 5                                                    Iceland 2016-06-03 03:36:18
## 6                                                     Norway 2016-05-19 14:30:17
## 7                                                    Myanmar 2016-01-28 20:59:32
## 8                                                  Australia 2016-03-07 01:40:15
## 9                                                    Grenada 2016-04-18 09:33:42
## 10                                                     Ghana 2016-07-11 01:42:51
## 11                                                     Qatar 2016-03-16 20:19:01
## 12                                                   Burundi 2016-05-08 08:10:10
## 13                                                     Egypt 2016-06-03 01:14:41
## 14                                    Bosnia and Herzegovina 2016-04-20 21:49:22
## 15                                                  Barbados 2016-03-24 09:31:49
## 16                                                     Spain 2016-03-09 03:41:30
## 17                                      Palestinian Territory 2016-01-30 19:20:41
## 18                                               Afghanistan 2016-05-02 07:00:58
## 19    British Indian Ocean Territory (Chagos Archipelago) 2016-02-13 07:53:55
## 20                                        Russian Federation 2016-02-27 04:43:07
## 21                                                  Cameroon 2016-01-05 07:52:48
## 22                                                  Cameroon 2016-03-18 13:22:35
## 23                                                   Burundi 2016-05-20 08:49:33
## 24                                                     Korea 2016-03-23 09:43:43
## 25                                                   Tokelau 2016-06-13 17:27:09
## 26                                                    Monaco 2016-05-27 15:25:52
## 27                                                    Tuvalu 2016-02-08 10:46:14
## 28                                                    Greece 2016-07-19 08:32:10
## 29                                     British Virgin Islands 2016-04-14 05:08:35
## 30                                 Bouvet Island (Bouvetoya) 2016-01-27 12:38:16
## 31                                                      Peru 2016-07-02 20:23:15
## 32                                                     Aruba 2016-03-01 22:13:37
## 33                                                  Maldives 2016-07-15 05:05:14
## 34                                                   Senegal 2016-01-14 14:00:09
## 35                                                  Dominica 2016-03-15 03:12:25
## 36                                                Luxembourg 2016-04-12 03:26:39
## 37                                                Montenegro 2016-04-07 15:18:10
## 38                                                   Ukraine 2016-02-09 05:28:18
## 39                                               Saint Helena 2016-05-07 17:11:49
## 40                                                   Liberia 2016-03-11 06:49:10
## 41                                        Russian Federation 2016-04-27 09:27:58
## 42                                                   Tunisia 2016-04-16 11:53:43
## 43                                              Turkmenistan 2016-05-08 15:38:46
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## 44                                     Saint Helena 2016-02-08 00:23:38
## 45                                           Niger 2016-02-11 13:26:22
## 46                                    Turkmenistan 2016-02-17 13:16:33
## 47                                           Qatar 2016-02-26 22:46:43
## 48                                       Sri Lanka 2016-06-08 18:54:01
## 49                             Trinidad and Tobago 2016-01-08 09:32:26
## 50                                           Italy 2016-04-25 11:01:54
## 51                          British Virgin Islands 2016-04-04 07:07:46
## 52                                  United Kingdom 2016-05-03 21:19:58
## 53                                   Guinea-Bissau 2016-01-17 09:31:36
## 54                                       Micronesia 2016-03-02 04:57:51
## 55                                          Turkey 2016-02-14 07:36:58
## 56                                         Croatia 2016-04-07 03:56:16
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## 58                     Svalbard & Jan Mayen Islands 2016-04-10 00:13:47
## 59                                      Azerbaijan 2016-02-14 17:05:15
## 60                                            Iran 2016-05-26 22:49:47
## 61                                         Burundi 2016-04-30 08:07:13
## 62              Saint Vincent and the Grenadines 2016-06-15 05:30:13
## 63                                         Burundi 2016-03-09 14:45:33
## 64                                        Bulgaria 2016-03-31 20:55:22
## 65                                Christmas Island 2016-06-03 00:55:23
## 66                                          Canada 2016-03-10 23:36:03
## 67                                          Rwanda 2016-01-08 00:17:27
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## 69                                         Tunisia 2016-01-16 11:35:01
## 70                                   Norfolk Island 2016-04-22 20:10:22
## 71                       Bouvet Island (Bouvetoya) 2016-02-01 09:00:55
## 72                         Turks and Caicos Islands 2016-07-07 13:37:34
## 73                                     Cook Islands 2016-03-08 00:37:54
## 74                                          Turkey 2016-05-10 17:39:06
## 75                                        Guatemala 2016-04-06 11:24:21
## 76                                   Cote d'Ivoire 2016-04-01 16:21:05
## 77                                    Faroe Islands 2016-01-05 04:18:46
## 78                                           Qatar 2016-05-20 21:31:24
## 79                                         Ireland 2016-02-03 07:59:16
## 80                                         Ukraine 2016-02-17 21:55:29
## 81                                         Moldova 2016-01-30 16:10:04
## 82                                       Nicaragua 2016-05-15 14:41:49
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## 85                       Bouvet Island (Bouvetoya) 2016-03-15 15:49:14
## 86                                     Puerto Rico 2016-06-12 15:25:44
## 87                        Central African Republic 2016-07-01 04:41:57
## 88                                       Venezuela 2016-05-08 12:12:04
## 89                                       Australia 2016-03-14 23:13:11
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## 91                                          Jersey 2016-05-13 11:51:10
## 92                                     Puerto Rico 2016-02-20 20:47:05
## 93                                           Samoa 2016-05-22 20:49:37
## 94                                          Greece 2016-04-10 02:02:36
## 95    Antarctica (the territory South of 60 deg S) 2016-02-28 06:41:44
## 96                                         Albania 2016-07-08 21:18:32
## 97                                       Hong Kong 2016-04-19 15:14:58
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## 98                                              Lithuania 2016-01-08 22:47:10
## 99                                                  Egypt 2016-03-28 08:46:26
## 100                                            Bangladesh 2016-07-02 14:57:53
## 101                                        Western Sahara 2016-07-03 09:22:30
## 102                                                Serbia 2016-06-01 09:27:34
## 103                                              Maldives 2016-07-09 14:55:36
## 104                                        Czech Republic 2016-02-09 22:04:54
## 105                                              Guernsey 2016-06-10 11:31:33
## 106                                              Tanzania 2016-02-14 03:50:52
## 107                                                Bhutan 2016-07-05 17:17:49
## 108                                      Christmas Island 2016-04-28 05:50:25
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## 111                                            Madagascar 2016-01-16 23:37:51
## 112                                               Lebanon 2016-07-03 04:33:41
## 113                                               Eritrea 2016-03-14 06:46:14
## 114                                                Guyana 2016-01-09 05:44:56
## 115                                   Trinidad and Tobago 2016-02-11 04:37:34
## 116                                                Jersey 2016-06-22 07:33:21
## 117                                  United Arab Emirates 2016-07-13 16:12:24
## 118                                            Martinique 2016-07-23 11:46:28
## 119                                               Somalia 2016-07-13 04:10:53
## 120                                                Bhutan 2016-06-11 18:32:12
## 121                                                Greece 2016-05-08 12:51:00
## 122                                                 Benin 2016-04-07 16:02:02
## 123                                      Papua New Guinea 2016-02-04 13:30:32
## 124                                            Uzbekistan 2016-02-26 19:48:23
## 125                                          South Africa 2016-06-21 13:15:21
## 126                                                 Egypt 2016-05-17 04:27:31
## 127                                               Hungary 2016-04-18 15:54:33
## 128                            Falkland Islands (Malvinas) 2016-04-03 10:07:56
## 129                                              Dominica 2016-04-04 21:30:46
## 130                                                Jersey 2016-07-06 16:00:33
## 131                                             Lithuania 2016-05-04 09:00:24
## 132                                          Saint Martin 2016-06-13 18:50:00
## 133                                                  Cuba 2016-01-03 16:01:40
## 134                 United States Minor Outlying Islands 2016-01-14 00:23:10
## 135                                                Belize 2016-01-12 10:07:29
## 136                                                Belize 2016-04-16 12:09:25
## 137       Antarctica (the territory South of 60 deg S) 2016-05-13 06:09:28
## 138                    Saint Vincent and the Grenadines 2016-03-27 23:59:06
## 139                                                Kuwait 2016-02-03 23:47:56
## 140                                              Thailand 2016-04-18 11:23:05
## 141                                             Gibraltar 2016-02-05 19:06:01
## 142                       Holy See (Vatican City State) 2016-03-21 18:46:41
## 143                                                 Korea 2016-06-14 11:59:58
## 144                                           Saint Helena 2016-02-06 23:08:57
## 145                             Turks and Caicos Islands 2016-03-12 01:39:19
## 146                                        Czech Republic 2016-01-26 03:56:18
## 147                                           Netherlands 2016-02-07 08:02:31
## 148                                               Belarus 2016-05-05 07:58:22
## 149                                              Dominica 2016-06-29 02:43:29
## 150                                          South Africa 2016-04-10 19:48:01
## 151                                           New Zealand 2016-02-10 06:37:56
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## 152                                      Togo 2016-05-28 20:41:50
## 153                                     Kenya 2016-03-24 06:36:52
## 154                                     Palau 2016-02-12 22:51:08
## 155                               Timor-Leste 2016-06-10 10:11:00
## 156                                  Cambodia 2016-03-31 10:44:46
## 157                                    Belize 2016-02-14 06:51:43
## 158                                      Cuba 2016-01-07 19:16:05
## 159                                Costa Rica 2016-02-04 02:13:52
## 160                             Liechtenstein 2016-05-09 02:58:58
## 161                                     Korea 2016-06-23 00:16:02
## 162                                   Ukraine 2016-06-20 09:35:02
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## 164                                     Nauru 2016-01-17 15:10:31
## 165                         Equatorial Guinea 2016-01-29 03:54:19
## 166                                  Mongolia 2016-07-14 12:07:10
## 167            Svalbard & Jan Mayen Islands 2016-01-10 23:14:30
## 168                               Timor-Leste 2016-04-28 18:34:56
## 169                                    Brazil 2016-07-06 18:36:01
## 170                                      Chad 2016-05-27 06:19:27
## 171                                  Portugal 2016-01-25 07:39:41
## 172                                    Malawi 2016-05-08 22:47:18
## 173                                     Qatar 2016-03-19 14:23:45
## 174                                 Singapore 2016-07-23 04:37:05
## 175                                    Guinea 2016-06-23 01:22:43
## 176                                Kazakhstan 2016-07-19 18:06:22
## 177                                    Kuwait 2016-02-28 18:52:44
## 178                                    Rwanda 2016-02-10 06:52:07
## 179                                     China 2016-03-27 09:11:10
## 180                Bouvet Island (Bouvetoya) 2016-05-23 02:15:04
## 181                                   Vietnam 2016-01-03 03:22:15
## 182                                 Guatemala 2016-01-04 21:48:38
## 183                                      Peru 2016-05-24 13:30:38
## 184                                   Mayotte 2016-02-01 19:42:40
## 185                                     Samoa 2016-06-05 13:16:24
## 186                                 Singapore 2016-02-04 08:53:37
## 187                                   Jamaica 2016-03-24 13:37:53
## 188                                   Bahamas 2016-06-02 21:02:22
## 189                                    Canada 2016-02-21 07:42:48
## 190                                   Algeria 2016-06-26 17:16:26
## 191                                      Fiji 2016-01-03 05:34:33
## 192                                     Kenya 2016-03-08 18:00:43
## 193                                 Argentina 2016-06-19 03:19:44
## 194                Bouvet Island (Bouvetoya) 2016-07-21 21:16:35
## 195                               Philippines 2016-02-12 20:36:40
## 196                                   Senegal 2016-05-17 06:14:20
## 197                                  Suriname 2016-07-09 11:04:54
## 198                                   Liberia 2016-03-27 02:35:29
## 199                                      Guam 2016-01-16 08:01:40
## 200                      United Arab Emirates 2016-01-21 23:48:29
## 201                     Antigua and Barbuda 2016-06-05 00:29:13
## 202                                 Argentina 2016-02-13 15:37:36
## 203                                   Georgia 2016-05-10 07:22:37
## 204                                    Jordan 2016-03-27 03:59:26
## 205                              Saudi Arabia 2016-05-24 18:35:58
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## 206                           South Africa 2016-02-11 02:40:02
## 207                                Croatia 2016-04-22 08:31:24
## 208                                   Fiji 2016-01-13 02:58:27
## 209                              Australia 2016-06-16 02:01:24
## 210                  Sao Tome and Principe 2016-06-27 18:37:04
## 211                                   Fiji 2016-07-03 12:57:03
## 212                                 Cyprus 2016-02-03 04:21:14
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## 214                               Pakistan 2016-04-03 21:13:46
## 215                             Seychelles 2016-04-15 11:51:14
## 216                                  Samoa 2016-06-21 03:14:41
## 217                               Bulgaria 2016-03-14 14:13:05
## 218                             Mauritania 2016-05-06 21:07:31
## 219                         Czech Republic 2016-06-12 17:52:43
## 220                                  Chile 2016-01-11 07:36:22
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## 223                           Turkmenistan 2016-03-24 09:12:52
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## 228                                Bahrain 2016-06-18 17:56:32
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## 230                       Brunei Darussalam 2016-04-27 04:28:17
## 231                                 Taiwan 2016-04-21 20:29:35
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## 233              Saint Pierre and Miquelon 2016-07-19 07:59:18
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## 235                                   Chad 2016-03-30 23:40:52
## 236                                 Norway 2016-03-16 07:59:37
## 237               Turks and Caicos Islands 2016-05-04 00:01:33
## 238                                Finland 2016-07-02 21:22:23
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## 244                            Philippines 2016-06-19 09:24:35
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## 248                           Sierra Leone 2016-01-09 03:45:19
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## 255                                 France 2016-01-09 04:53:22
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## 259                                 Turkey 2016-05-15 20:48:40
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## 261     French Southern Territories 2016-03-17 05:00:12
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## 264                       Thailand 2016-04-13 05:42:52
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## 267                         Algeria 2016-02-26 09:18:48
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## 272                         Senegal 2016-06-19 22:26:16
## 273                     Guadeloupe 2016-02-15 07:55:10
## 274                         Belgium 2016-02-09 19:37:52
## 275                         Israel 2016-01-25 07:52:53
## 276                       Honduras 2016-07-18 11:33:31
## 277                         Estonia 2016-01-09 07:28:16
## 278                       Paraguay 2016-03-21 21:15:54
## 279                 Kyrgyz Republic 2016-02-15 12:25:28
## 280                     Mauritania 2016-03-04 08:48:29
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## 285                 American Samoa 2016-05-21 01:36:16
## 286                         Austria 2016-05-04 12:06:18
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## 303                         Mayotte 2016-01-23 17:39:06
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## 329                           Finland 2016-02-26 09:54:33
## 330                        Martinique 2016-07-06 15:56:39
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## 332                            Sweden 2016-05-23 21:00:45
## 333                     New Caledonia 2016-02-03 19:12:51
## 334            Bosnia and Herzegovina 2016-04-28 22:54:37
## 335                         Singapore 2016-03-19 14:57:00
## 336       Falkland Islands (Malvinas) 2016-07-15 09:08:42
## 337            Bosnia and Herzegovina 2016-05-12 04:35:59
## 338                         Mauritius 2016-01-01 21:58:55
## 339                         Indonesia 2016-03-13 13:50:25
## 340                    Czech Republic 2016-07-16 14:13:54
## 341                           Eritrea 2016-04-18 00:49:33
## 342                            Mexico 2016-07-17 01:13:56
## 343                         Gibraltar 2016-02-17 07:05:57
## 344                             Haiti 2016-06-16 02:33:22
## 345       Falkland Islands (Malvinas) 2016-04-09 16:31:15
## 346                           Eritrea 2016-03-18 17:35:40
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## 348                            Gambia 2016-05-25 20:10:02
## 349                          Barbados 2016-02-29 19:26:35
## 350                             Nauru 2016-06-09 14:24:06
## 351                              Peru 2016-01-30 16:15:29
## 352                       El Salvador 2016-02-15 05:35:54
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## 354                          Cambodia 2016-01-05 16:34:31
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## 358                             Samoa 2016-02-09 07:21:25
## 359                       Afghanistan 2016-06-17 17:11:16
## 360                        Azerbaijan 2016-05-22 21:54:23
## 361                       Philippines 2016-07-13 07:41:42
## 362                            Angola 2016-01-23 18:59:21
## 363                           Albania 2016-05-20 12:17:59
## 364                           Hungary 2016-01-30 04:38:41
## 365                     Faroe Islands 2016-04-21 12:34:28
## 366                    Czech Republic 2016-04-22 20:32:17
## 367       Svalbard & Jan Mayen Islands 2016-01-11 06:02:27
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## 368                              Afghanistan 2016-03-01 10:01:35
## 369                                   Rwanda 2016-04-04 08:19:54
## 370                                   Panama 2016-06-20 06:30:06
## 371                                    Samoa 2016-01-28 07:10:29
## 372    United States Minor Outlying Islands 2016-07-03 04:11:40
## 373                                   Greece 2016-05-15 13:18:34
## 374                            Cote d'Ivoire 2016-04-08 22:48:25
## 375                                 Pakistan 2016-01-19 12:18:13
## 376                                 Anguilla 2016-05-26 15:40:26
## 377                                   Cyprus 2016-01-26 15:56:55
## 378                                     Peru 2016-06-17 09:58:46
## 379                                    Kenya 2016-04-25 21:15:39
## 380                                     Chad 2016-07-13 11:41:29
## 381                          Kyrgyz Republic 2016-07-05 15:14:10
## 382                                  Albania 2016-03-15 14:06:17
## 383                                    Gabon 2016-06-19 22:08:15
## 384                       Dominican Republic 2016-07-05 20:16:13
## 385                                 Zimbabwe 2016-05-09 08:44:55
## 386                                  Croatia 2016-07-21 23:14:35
## 387                                 Cambodia 2016-06-03 17:32:47
## 388                                 Mongolia 2016-01-15 19:40:47
## 389                                 Honduras 2016-02-05 16:50:58
## 390                               Madagascar 2016-02-29 23:56:06
## 391                                    Qatar 2016-05-08 12:08:26
## 392                                    China 2016-07-13 01:48:46
## 393                               Bangladesh 2016-01-08 02:34:06
## 394                                Swaziland 2016-06-08 12:25:49
## 395                                 Tanzania 2016-06-15 11:56:41
## 396                                  Eritrea 2016-06-13 22:41:45
## 397                                   Canada 2016-06-20 14:20:52
## 398                     Saint Kitts and Nevis 2016-04-03 06:17:22
## 399                             Burkina Faso 2016-05-31 23:42:26
## 400                                   Tuvalu 2016-02-15 03:43:55
## 401                              El Salvador 2016-03-10 23:26:54
## 402                               Madagascar 2016-02-26 17:01:01
## 403                               Bangladesh 2016-04-17 21:39:11
## 404                           American Samoa 2016-03-26 19:54:16
## 405                                   Latvia 2016-06-29 21:39:42
## 406                                  Moldova 2016-01-27 17:55:44
## 407                                 Anguilla 2016-03-17 23:39:28
## 408                               Bangladesh 2016-07-09 16:23:33
## 409                             Faroe Islands 2016-06-28 12:51:02
## 410                                   Taiwan 2016-06-18 16:32:58
## 411      Heard Island and McDonald Islands 2016-05-28 12:38:37
## 412                                   Israel 2016-01-16 16:40:30
## 413                                  Bolivia 2016-07-11 15:45:23
## 414                                  Bahamas 2016-07-16 23:08:54
## 415                               Costa Rica 2016-04-06 21:20:07
## 416                                  Myanmar 2016-07-05 00:54:11
## 417                      Netherlands Antilles 2016-02-17 23:47:00
## 418                           Czech Republic 2016-03-15 17:33:15
## 419                                  Iceland 2016-01-21 18:51:01
## 420                                    Palau 2016-06-06 22:41:24
## 421                    Libyan Arab Jamahiriya 2016-05-16 14:50:22
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## 422                           Kazakhstan 2016-04-17 19:10:56
## 423                        French Guiana 2016-03-30 01:05:34
## 424                               Tuvalu 2016-06-29 09:04:31
## 425                                Congo 2016-05-26 13:43:05
## 426                       United Kingdom 2016-04-15 10:16:49
## 427                           Luxembourg 2016-05-31 09:06:29
## 428                     French Polynesia 2016-02-15 14:13:47
## 429                     Papua New Guinea 2016-05-09 10:21:48
## 430                             Maldives 2016-07-07 23:32:38
## 431                               Zambia 2016-01-03 17:10:05
## 432                          Cook Islands 2016-07-17 18:55:38
## 433                                Congo 2016-04-04 18:36:59
## 434                              Senegal 2016-02-27 12:34:19
## 435                              Myanmar 2016-06-08 20:13:27
## 436                   Dominican Republic 2016-02-20 10:52:51
## 437                              Bahrain 2016-03-23 21:06:51
## 438                          Puerto Rico 2016-06-07 01:29:06
## 439                                Chile 2016-01-18 15:18:01
## 440                              Bolivia 2016-06-09 19:32:27
## 441                               Serbia 2016-05-30 20:07:59
## 442                             Malaysia 2016-04-01 09:21:14
## 443                              Estonia 2016-05-31 06:21:02
## 444                            Greenland 2016-07-03 22:13:19
## 445                   Trinidad and Tobago 2016-03-10 01:36:19
## 446                             Thailand 2016-03-18 02:39:26
## 447                          Philippines 2016-05-30 18:08:19
## 448                                 Niue 2016-02-20 00:06:20
## 449                          Afghanistan 2016-03-10 22:28:52
## 450                               Angola 2016-06-21 14:32:32
## 451                                Egypt 2016-02-05 15:26:37
## 452                                 Fiji 2016-05-31 21:41:46
## 453                             Portugal 2016-01-01 02:52:10
## 454                              Austria 2016-03-04 14:10:12
## 455                              Germany 2016-02-03 10:40:27
## 456                               Panama 2016-01-20 00:26:15
## 457             United States of America 2016-06-11 09:37:52
## 458                     Christmas Island 2016-03-08 05:48:20
## 459                    Equatorial Guinea 2016-02-14 22:23:30
## 460                           Micronesia 2016-07-17 22:04:54
## 461                                Malta 2016-06-02 22:16:08
## 462                              Ecuador 2016-04-30 19:42:04
## 463                                Sudan 2016-04-17 06:58:18
## 464       Lao People's Democratic Republic 2016-03-09 00:41:46
## 465      Saint Vincent and the Grenadines 2016-03-07 20:02:51
## 466                          Switzerland 2016-05-26 10:33:00
## 467                                Spain 2016-07-18 01:36:37
## 468              Turks and Caicos Islands 2016-07-16 05:56:42
## 469                            Indonesia 2016-03-22 06:41:38
## 470                          Cook Islands 2016-06-03 06:34:44
## 471                            Australia 2016-06-28 09:19:06
## 472                              Finland 2016-07-18 18:33:05
## 473                             Pakistan 2016-01-23 04:47:37
## 474                              Ireland 2016-02-29 11:00:06
## 475                              Eritrea 2016-06-30 00:19:33
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## 476                                   France 2016-06-19 18:19:38
## 477                                  Austria 2016-01-08 08:08:47
## 478        Heard Island and McDonald Islands 2016-01-02 12:25:36
## 479                           Western Sahara 2016-05-13 11:57:12
## 480                                  Liberia 2016-02-08 14:02:22
## 481                       Dominican Republic 2016-06-07 23:46:51
## 482                                    Tonga 2016-01-02 14:36:03
## 483         Lao People's Democratic Republic 2016-02-13 04:16:08
## 484                 United States of America 2016-05-03 12:57:19
## 485                                  Belgium 2016-04-03 11:38:36
## 486                                Indonesia 2016-03-23 19:58:15
## 487                                  Croatia 2016-02-02 11:49:18
## 488                         Brunei Darussalam 2016-03-08 10:39:16
## 489                           American Samoa 2016-04-08 14:35:44
## 490                      Netherlands Antilles 2016-06-30 00:40:31
## 491                                 Thailand 2016-03-25 19:02:35
## 492                                   Greece 2016-05-12 21:32:06
## 493                         French Polynesia 2016-03-02 05:11:01
## 494                                 Guernsey 2016-05-10 14:12:31
## 495                               Isle of Man 2016-03-03 02:59:37
## 496             Holy See (Vatican City State) 2016-07-04 11:03:49
## 497                              El Salvador 2016-07-08 03:47:41
## 498                                    China 2016-05-27 05:35:27
## 499                                  Myanmar 2016-02-10 13:46:35
## 500                                    Macao 2016-06-12 21:21:53
## 501                                Australia 2016-01-07 13:58:51
## 502              United States Virgin Islands 2016-05-13 14:12:39
## 503                                   Mexico 2016-05-02 00:01:56
## 504                                 Djibouti 2016-02-07 17:06:35
## 505                            Cote d'Ivoire 2016-02-15 07:27:41
## 506                                     Mali 2016-02-21 05:23:28
## 507                                  Jamaica 2016-03-20 22:27:25
## 508                                  Romania 2016-03-24 09:34:00
## 509                           Cayman Islands 2016-04-04 20:01:12
## 510                                   Gambia 2016-01-02 04:50:44
## 511                                  Algeria 2016-07-08 17:14:01
## 512                              Puerto Rico 2016-03-28 19:48:37
## 513                           Norfolk Island 2016-07-11 09:32:53
## 514                                   Turkey 2016-06-09 17:11:02
## 515                                   Guinea 2016-05-19 09:30:12
## 516                                  Moldova 2016-04-12 12:35:39
## 517                                   Greece 2016-07-04 23:17:47
## 518                           American Samoa 2016-02-01 00:52:29
## 519                                 Honduras 2016-01-13 02:39:00
## 520                                 Mongolia 2016-06-18 16:02:34
## 521                                 Ethiopia 2016-01-01 20:17:49
## 522                                 Ethiopia 2016-03-02 04:02:45
## 523                                Sri Lanka 2016-03-30 20:23:48
## 524                                  Morocco 2016-05-01 00:23:13
## 525                     United Arab Emirates 2016-06-17 03:02:55
## 526                           Western Sahara 2016-03-23 08:52:31
## 527                           Western Sahara 2016-05-08 22:24:27
## 528                                 Cambodia 2016-04-06 05:55:43
## 529                              New Zealand 2016-04-05 05:54:15
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## 530                             Australia 2016-04-16 12:26:31
## 531                              Bulgaria 2016-06-01 03:44:42
## 532                 Libyan Arab Jamahiriya 2016-04-04 22:00:15
## 533                              Barbados 2016-06-26 04:22:26
## 534                      French Polynesia 2016-07-07 03:55:01
## 535                               Uruguay 2016-03-20 08:22:50
## 536                               Uruguay 2016-04-20 10:04:29
## 537                                 Brazil 2016-03-25 05:05:27
## 538                             Venezuela 2016-02-14 07:15:37
## 539                               Myanmar 2016-03-26 00:32:02
## 540                                 Malta 2016-07-05 22:33:48
## 541                               Jamaica 2016-03-14 03:29:12
## 542                               Bahrain 2016-05-30 02:34:25
## 543                               Algeria 2016-03-07 22:32:15
## 544                                Tuvalu 2016-03-19 00:27:58
## 545                               Georgia 2016-06-18 05:17:33
## 546                              Cambodia 2016-07-11 18:12:43
## 547                                  Guam 2016-01-01 08:27:06
## 548                              Tanzania 2016-04-07 01:57:38
## 549                             Indonesia 2016-02-28 22:02:14
## 550                               Somalia 2016-06-26 17:25:55
## 551                                 Belize 2016-01-21 04:30:43
## 552                                 Serbia 2016-05-01 21:46:37
## 553                             Australia 2016-02-14 10:06:49
## 554                                  Guam 2016-01-27 18:25:42
## 555                       Christmas Island 2016-06-16 20:24:33
## 556                      Papua New Guinea 2016-07-21 10:01:50
## 557                               Bahamas 2016-04-21 18:31:27
## 558                               Comoros 2016-07-20 01:56:33
## 559                        Western Sahara 2016-02-26 17:14:14
## 560                             Nicaragua 2016-01-16 17:56:05
## 561                                  Guam 2016-04-01 01:57:12
## 562                               Vanuatu 2016-06-24 08:42:20
## 563                               Bolivia 2016-05-27 18:45:35
## 564                                 Malawi 2016-05-26 15:40:12
## 565                             Venezuela 2016-04-06 01:19:08
## 566                                 Nepal 2016-01-08 19:38:45
## 567                        United Kingdom 2016-02-24 19:08:11
## 568                               Albania 2016-03-10 07:07:31
## 569                            Madagascar 2016-04-29 07:49:01
## 570                                Guyana 2016-04-10 16:08:09
## 571                                 Yemen 2016-04-27 18:25:30
## 572                                 India 2016-05-10 04:28:55
## 573                           Puerto Rico 2016-01-03 23:21:26
## 574           United States Virgin Islands 2016-02-15 16:52:04
## 575                  Antigua and Barbuda 2016-03-09 02:07:17
## 576                         French Guiana 2016-01-09 17:33:03
## 577                  Antigua and Barbuda 2016-02-03 05:47:09
## 578                         Turkmenistan 2016-01-02 09:30:11
## 579                               Honduras 2016-01-04 07:28:43
## 580                             Seychelles 2016-01-07 21:21:50
## 581                                 Cyprus 2016-07-24 00:22:16
## 582             Saint Pierre and Miquelon 2016-02-13 13:57:53
## 583                                 Poland 2016-05-08 10:25:08
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## 584                                                 Taiwan 2016-02-17 18:50:57
## 585                                          Cote d'Ivoire 2016-01-22 19:43:53
## 586                                             Micronesia 2016-07-20 13:21:37
## 587                                                Liberia 2016-01-05 20:58:42
## 588                                           Saudi Arabia 2016-01-29 05:39:16
## 589                                                  Nepal 2016-06-17 20:18:27
## 590                                                  Ghana 2016-02-23 13:55:48
## 591                                                   Iran 2016-07-09 11:18:02
## 592                                            New Zealand 2016-03-19 11:09:36
## 593                                 Libyan Arab Jamahiriya 2016-01-29 07:14:04
## 594                                              Sri Lanka 2016-06-14 07:02:09
## 595                                   United Arab Emirates 2016-05-18 03:19:03
## 596                                              Indonesia 2016-01-30 09:54:03
## 597                       Saint Vincent and the Grenadines 2016-04-25 16:58:50
## 598                                               Mongolia 2016-01-14 16:30:38
## 599                                               Honduras 2016-07-06 05:34:52
## 600                                       Papua New Guinea 2016-04-07 10:51:05
## 601                                        Kyrgyz Republic 2016-04-17 05:08:52
## 602                                               Ethiopia 2016-01-28 17:03:54
## 603                                                 Rwanda 2016-02-18 22:42:33
## 604                                        Kyrgyz Republic 2016-06-24 21:09:58
## 605                                                Grenada 2016-06-20 04:24:41
## 606                                                   Togo 2016-02-14 16:33:29
## 607                                               Pakistan 2016-02-27 13:51:44
## 608                              Falkland Islands (Malvinas) 2016-05-07 15:16:07
## 609                                                 Jersey 2016-03-16 20:10:53
## 610                                         Cayman Islands 2016-06-26 02:06:59
## 611                                           South Africa 2016-07-17 14:26:04
## 612                                             Micronesia 2016-01-28 16:42:36
## 613                                             Tajikistan 2016-06-16 18:04:51
## 614                                                Bolivia 2016-06-19 23:21:38
## 615                                               Cameroon 2016-05-24 17:42:58
## 616                                                Ecuador 2016-03-01 22:06:37
## 617                                                 Zambia 2016-01-31 08:50:38
## 618                                          Guinea-Bissau 2016-04-30 15:27:22
## 619                                             Micronesia 2016-01-13 20:38:35
## 620                                                Bahamas 2016-03-30 16:15:59
## 621                                             Cape Verde 2016-04-29 18:53:43
## 622                                       French Polynesia 2016-06-14 19:48:34
## 623                                           Saudi Arabia 2016-07-15 15:43:36
## 624                                                 France 2016-03-24 05:38:01
## 625                                                Burundi 2016-04-26 20:57:48
## 626                                                 Latvia 2016-01-12 03:28:31
## 627                                                Morocco 2016-04-09 23:26:42
## 628                                              Venezuela 2016-03-28 09:15:58
## 629                                                  Palau 2016-06-23 11:05:01
## 630                                             Isle of Man 2016-01-24 01:53:14
## 631                                                   Peru 2016-04-15 10:18:55
## 632                                                Belgium 2016-04-26 13:13:20
## 633                                                Croatia 2016-05-16 23:21:06
## 634                                                 France 2016-01-18 02:51:13
## 635                                               Slovenia 2016-06-20 08:34:46
## 636                                                   Peru 2016-07-18 04:53:22
## 637                                                Belarus 2016-07-01 01:12:04
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## 638                                 Bolivia 2016-03-07 22:51:00
## 639                                   Benin 2016-05-02 15:31:28
## 640                       Wallis and Futuna 2016-07-23 06:18:51
## 641                              Azerbaijan 2016-06-12 03:11:04
## 642                                Mongolia 2016-02-15 20:41:05
## 643                                 Denmark 2016-01-23 01:42:28
## 644                      Russian Federation 2016-02-26 01:18:44
## 645                                  Brazil 2016-01-11 02:07:14
## 646                                Ethiopia 2016-04-04 13:56:14
## 647                                  Guyana 2016-01-14 09:27:59
## 648                                Ethiopia 2016-04-25 03:18:45
## 649                               Mauritius 2016-03-05 23:02:11
## 650                                Djibouti 2016-01-06 21:43:22
## 651                     Syrian Arab Republic 2016-02-18 03:58:36
## 652                            Saint Martin 2016-04-16 14:15:55
## 653                     Netherlands Antilles 2016-02-24 06:18:11
## 654                                   Greece 2016-06-29 01:19:21
## 655                              Madagascar 2016-01-05 06:34:20
## 656                                  Senegal 2016-07-16 10:14:04
## 657                             Burkina Faso 2016-06-17 03:23:13
## 658                           Czech Republic 2016-06-13 11:06:40
## 659         Lao People's Democratic Republic 2016-04-05 08:18:45
## 660                     Netherlands Antilles 2016-04-17 18:38:14
## 661                                    Qatar 2016-02-03 16:54:33
## 662                                  Andorra 2016-04-18 21:07:28
## 663                            Liechtenstein 2016-06-18 22:31:22
## 664                                    China 2016-03-12 07:18:36
## 665                                  Vietnam 2016-01-15 01:20:05
## 666                               Tajikistan 2016-02-12 10:39:10
## 667                                  Eritrea 2016-02-16 02:29:03
## 668                                   Monaco 2016-04-04 21:23:13
## 669                                   Israel 2016-04-24 01:48:21
## 670                                  Hungary 2016-05-20 00:00:48
## 671                                Singapore 2016-05-15 03:10:50
## 672                                     Cuba 2016-01-07 23:02:43
## 673                                  Reunion 2016-07-19 12:05:58
## 674                                   Zambia 2016-04-04 00:02:20
## 675                                    Gabon 2016-06-10 04:21:57
## 676                                 Dominica 2016-03-11 14:50:56
## 677                                  Bahamas 2016-01-14 20:58:10
## 678                                  Tokelau 2016-06-22 05:22:58
## 679                             Turkmenistan 2016-03-19 08:00:58
## 680                                  Belgium 2016-04-15 15:07:17
## 681                            French Guiana 2016-03-28 02:29:19
## 682                               Martinique 2016-01-22 15:03:25
## 683                         French Polynesia 2016-06-25 17:33:35
## 684                                  Ecuador 2016-03-04 14:33:38
## 685                              Puerto Rico 2016-06-29 02:48:44
## 686                     United Arab Emirates 2016-06-18 01:42:37
## 687                             Burkina Faso 2016-01-31 09:57:34
## 688                               Luxembourg 2016-05-22 15:17:25
## 689                                  Jamaica 2016-07-22 11:05:10
## 690 Antarctica (the territory South of 60 deg S) 2016-07-13 14:05:22
## 691                                    China 2016-02-11 11:50:26
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## 692                                  Western Sahara 2016-03-16 20:33:10
## 693                                        Lebanon 2016-04-25 19:31:39
## 694                                      Hong Kong 2016-07-14 22:43:29
## 695                                        Vanuatu 2016-05-30 08:02:35
## 696                                        Vanuatu 2016-02-14 11:36:08
## 697                                      Guatemala 2016-01-23 21:15:57
## 698                                      Greenland 2016-07-18 02:51:19
## 699                            Syrian Arab Republic 2016-02-10 08:21:13
## 700                                    Saint Helena 2016-01-04 06:37:15
## 701                                        Lebanon 2016-06-05 21:38:22
## 702                                          Malta 2016-06-01 03:17:50
## 703                                Christmas Island 2016-03-06 06:51:23
## 704                                        Ukraine 2016-02-26 19:35:54
## 705                                          Malta 2016-07-13 14:30:14
## 706                                          Italy 2016-06-29 07:20:46
## 707                                          Japan 2016-03-15 06:54:21
## 708                                      Mauritius 2016-06-11 06:47:55
## 709                                         Turkey 2016-07-17 13:22:43
## 710                                        Namibia 2016-02-14 14:38:01
## 711                                          China 2016-05-04 05:01:37
## 712                                    Netherlands 2016-05-20 12:17:28
## 713                                      Gibraltar 2016-01-26 02:47:17
## 714                                          Congo 2016-07-07 18:07:19
## 715                                        Senegal 2016-01-11 12:46:31
## 716                                        Hungary 2016-05-12 12:11:12
## 717                                Pitcairn Islands 2016-02-28 23:21:22
## 718                      Slovakia (Slovak Republic) 2016-05-03 16:02:50
## 719                   United States Virgin Islands 2016-03-15 20:19:20
## 720                                         Monaco 2016-07-23 05:21:39
## 721                                       Portugal 2016-03-11 10:01:23
## 722                                         Turkey 2016-02-11 20:45:46
## 723                                         Uganda 2016-07-06 23:09:07
## 724                                  Norfolk Island 2016-03-22 19:14:47
## 725                                           Niue 2016-05-26 13:28:36
## 726                                        Ukraine 2016-06-18 19:10:14
## 727                                        Vanuatu 2016-03-20 07:12:52
## 728          United States Minor Outlying Islands 2016-06-03 07:00:36
## 729                                        Armenia 2016-02-03 15:15:42
## 730                                         Sweden 2016-05-03 16:55:02
## 731                                    Timor-Leste 2016-06-20 02:25:12
## 732                    French Southern Territories 2016-07-10 19:15:52
## 733                                        Finland 2016-01-04 04:00:35
## 734              Saint Vincent and the Grenadines 2016-04-20 16:49:15
## 735                                        Senegal 2016-01-23 13:14:18
## 736                                        Burundi 2016-01-04 22:27:25
## 737                                        Bahamas 2016-04-08 22:40:55
## 738                                         Sweden 2016-01-05 11:53:17
## 739                   Svalbard & Jan Mayen Islands 2016-03-17 22:24:02
## 740                                          Tonga 2016-06-29 04:23:10
## 741                                          Korea 2016-05-25 19:45:16
## 742                                Kyrgyz Republic 2016-06-17 23:19:38
## 743                                     Costa Rica 2016-04-24 07:20:16
## 744                                  Liechtenstein 2016-03-18 13:00:12
## 745                                       Zimbabwe 2016-04-28 21:58:25
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## 746                                            Costa Rica 2016-02-12 08:46:15
## 747                                               Hungary 2016-07-11 13:23:37
## 748                                                  Fiji 2016-01-29 00:45:19
## 749                                           Netherlands 2016-01-05 16:26:44
## 750                                                Sweden 2016-06-20 08:22:09
## 751                                              Barbados 2016-02-06 17:48:28
## 752                                              Paraguay 2016-06-22 17:19:09
## 753                                                 Italy 2016-04-16 05:24:33
## 754                                               Belarus 2016-01-17 05:07:11
## 755        South Georgia and the South Sandwich Islands 2016-07-08 22:30:10
## 756                                              Anguilla 2016-03-11 00:05:48
## 757                                          Sierra Leone 2016-06-10 00:35:15
## 758                                           Saint Martin 2016-01-04 00:44:57
## 759                                                Uganda 2016-01-01 15:14:24
## 760                                          Saudi Arabia 2016-07-10 17:24:51
## 761                                             Greenland 2016-03-27 19:50:11
## 762                                             Venezuela 2016-04-29 13:38:19
## 763                                               Liberia 2016-01-08 18:13:43
## 764                                                  Mali 2016-06-05 07:54:30
## 765                                Bosnia and Herzegovina 2016-06-29 10:50:45
## 766                                      Brunei Darussalam 2016-04-24 13:46:10
## 767        South Georgia and the South Sandwich Islands 2016-02-14 04:14:13
## 768                                        Czech Republic 2016-06-15 05:43:02
## 769                                           El Salvador 2016-07-06 12:04:29
## 770                                               Tokelau 2016-03-31 13:54:51
## 771                                                France 2016-06-21 00:52:47
## 772                                                 Gabon 2016-05-27 05:23:26
## 773                                              Bulgaria 2016-01-17 18:45:55
## 774                                          Burkina Faso 2016-04-07 20:34:42
## 775                                               Mayotte 2016-05-02 18:37:01
## 776                                               Somalia 2016-06-04 17:24:07
## 777                                               Albania 2016-04-07 18:52:57
## 778                                               Bolivia 2016-06-10 22:21:10
## 779                                                Jersey 2016-05-19 06:37:38
## 780                                 British Virgin Islands 2016-03-28 23:01:24
## 781                                           Saint Helena 2016-01-21 22:51:34
## 782                                Bosnia and Herzegovina 2016-03-12 06:05:12
## 783                                                 India 2016-06-04 09:13:29
## 784                                               Georgia 2016-05-24 10:16:38
## 785         United States Minor Outlying Islands 2016-03-25 06:36:53
## 786                                              Kiribati 2016-04-22 00:28:18
## 787                                                 Ghana 2016-03-22 04:13:35
## 788                                                 Samoa 2016-01-14 08:27:04
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## 812            United States of America 2016-05-30 08:35:54
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## 651          0
## 652          0
## 653          0
## 654          0
## 655          0
## 656          1
## 657          0
## 658          0
## 659          0
## 660          0
## 661          1
## 662          1
```

```
## 663              1
## 664              1
## 665              0
## 666              1
## 667              0
## 668              0
## 669              1
## 670              1
## 671              0
## 672              1
## 673              0
## 674              1
## 675              0
## 676              0
## 677              1
## 678              1
## 679              0
## 680              1
## 681              0
## 682              1
## 683              1
## 684              0
## 685              1
## 686              0
## 687              0
## 688              0
## 689              0
## 690              0
## 691              0
## 692              0
## 693              1
## 694              1
## 695              0
## 696              0
## 697              1
## 698              0
## 699              0
## 700              0
## 701              0
## 702              1
## 703              1
## 704              0
## 705              0
## 706              0
## 707              1
## 708              0
## 709              1
## 710              1
## 711              1
## 712              0
## 713              0
## 714              1
## 715              0
## 716              1
```

```
## 717          1
## 718          0
## 719          0
## 720          1
## 721          0
## 722          1
## 723          1
## 724          0
## 725          0
## 726          0
## 727          0
## 728          0
## 729          0
## 730          0
## 731          0
## 732          0
## 733          0
## 734          1
## 735          1
## 736          0
## 737          0
## 738          1
## 739          1
## 740          0
## 741          1
## 742          0
## 743          0
## 744          1
## 745          1
## 746          1
## 747          1
## 748          1
## 749          1
## 750          0
## 751          1
## 752          0
## 753          0
## 754          0
## 755          0
## 756          0
## 757          1
## 758          1
## 759          1
## 760          1
## 761          0
## 762          0
## 763          1
## 764          1
## 765          1
## 766          1
## 767          1
## 768          1
## 769          1
## 770          0
```

```
## 771          0
## 772          0
## 773          0
## 774          1
## 775          1
## 776          1
## 777          1
## 778          0
## 779          1
## 780          0
## 781          1
## 782          1
## 783          0
## 784          0
## 785          1
## 786          1
## 787          0
## 788          1
## 789          0
## 790          1
## 791          1
## 792          1
## 793          0
## 794          1
## 795          1
## 796          0
## 797          0
## 798          0
## 799          0
## 800          0
## 801          1
## 802          1
## 803          1
## 804          1
## 805          1
## 806          0
## 807          1
## 808          1
## 809          1
## 810          1
## 811          1
## 812          0
## 813          0
## 814          0
## 815          0
## 816          0
## 817          1
## 818          1
## 819          0
## 820          0
## 821          1
## 822          0
## 823          1
## 824          0
```

```
## 825           0
## 826           0
## 827           0
## 828           1
## 829           1
## 830           1
## 831           1
## 832           1
## 833           1
## 834           1
## 835           0
## 836           0
## 837           1
## 838           1
## 839           1
## 840           1
## 841           1
## 842           1
## 843           0
## 844           0
## 845           0
## 846           1
## 847           1
## 848           0
## 849           0
## 850           1
## 851           0
## 852           1
## 853           1
## 854           0
## 855           1
## 856           1
## 857           0
## 858           0
## 859           1
## 860           0
## 861           1
## 862           0
## 863           0
## 864           0
## 865           0
## 866           1
## 867           0
## 868           0
## 869           0
## 870           0
## 871           1
## 872           0
## 873           0
## 874           0
## 875           0
## 876           1
## 877           1
## 878           0
```

```
## 879             0
## 880             0
## 881             1
## 882             0
## 883             0
## 884             1
## 885             0
## 886             1
## 887             1
## 888             1
## 889             0
## 890             1
## 891             0
## 892             1
## 893             1
## 894             0
## 895             0
## 896             0
## 897             0
## 898             1
## 899             1
## 900             1
## 901             1
## 902             1
## 903             1
## 904             0
## 905             0
## 906             0
## 907             1
## 908             0
## 909             1
## 910             0
## 911             1
## 912             1
## 913             1
## 914             0
## 915             1
## 916             1
## 917             1
## 918             0
## 919             0
## 920             0
## 921             0
## 922             1
## 923             1
## 924             1
## 925             1
## 926             1
## 927             0
## 928             0
## 929             0
## 930             1
## 931             0
## 932             1
```

```
## 933            1
## 934            1
## 935            0
## 936            0
## 937            1
## 938            1
## 939            1
## 940            0
## 941            1
## 942            1
## 943            1
## 944            1
## 945            1
## 946            0
## 947            0
## 948            1
## 949            1
## 950            1
## 951            1
## 952            1
## 953            1
## 954            1
## 955            0
## 956            1
## 957            1
## 958            0
## 959            0
## 960            0
## 961            1
## 962            0
## 963            0
## 964            0
## 965            0
## 966            1
## 967            1
## 968            0
## 969            1
## 970            1
## 971            1
## 972            1
## 973            1
## 974            0
## 975            1
## 976            1
## 977            1
## 978            1
## 979            0
## 980            0
## 981            1
## 982            0
## 983            1
## 984            0
## 985            0
## 986            1
```

```
## 987              0
## 988              1
## 989              0
## 990              0
## 991              1
## 992              1
## 993              1
## 994              0
## 995              1
## 996              1
## 997              1
## 998              1
## 999              0
## 1000             1
```

```r
str(advertising) # Provides the structure of the dataset in terms of datatypes
```

```
## '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           : chr  "Cloned 5thgeneration orchestration" "Monitored national standardi
##  $ City                    : chr  "Wrightburgh" "West Jodi" "Davidton" "West Terrifurt" ...
##  $ Male                    : int  0 1 0 1 0 1 0 1 1 1 ...
##  $ Country                 : chr  "Tunisia" "Nauru" "San Marino" "Italy" ...
##  $ Timestamp               : chr  "2016-03-27 00:53:11" "2016-04-04 01:39:02" "2016-03-13 20:35:42"
##  $ Clicked.on.Ad           : int  0 0 0 0 0 0 0 1 0 0 ...
```

```r
names(advertising) # Lists column names of the dataset
```

```
##  [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"
```

8.Tidying the Dataset

8a.Checking missing data

```r
rowSums(is.na(advertising)) # Number of missing per row
```

```
##   [1] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
##  [38] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
##  [75] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
## [112] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
## [149] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
## [186] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
```

```
##    [223] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
##    [260] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
##    [297] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
##    [334] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
##    [371] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
##    [408] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
##    [445] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
##    [482] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
##    [519] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
##    [556] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
##    [593] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
##    [630] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
##    [667] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
##    [704] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
##    [741] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
##    [778] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
##    [815] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
##    [852] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
##    [889] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
##    [926] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
##    [963] 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
## [1000] 0
```

```r
colSums(is.na(advertising)) # Number of missing per column/variable
```

```
## Daily.Time.Spent.on.Site                      Age              Area.Income
##                        0                        0                        0
##     Daily.Internet.Usage            Ad.Topic.Line                     City
##                        0                        0                        0
##                     Male                  Country                Timestamp
##                        0                        0                        0
##            Clicked.on.Ad
##                        0
```

8b.checking duplicates

```r
dim(advertising)# check dimensions
```

```
## [1] 1000   10
```

```r
unique_items <- unique(advertising)#check unique values
unique_items
```

```
##        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
```

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```
## 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 2016-03-27 00:53:11
## 2                                                         Nauru 2016-04-04 01:39:02
## 3                                                    San Marino 2016-03-13 20:35:42
## 4                                                         Italy 2016-01-10 02:31:19
## 5                                                       Iceland 2016-06-03 03:36:18
## 6                                                        Norway 2016-05-19 14:30:17
## 7                                                       Myanmar 2016-01-28 20:59:32
## 8                                                     Australia 2016-03-07 01:40:15
## 9                                                       Grenada 2016-04-18 09:33:42
## 10                                                        Ghana 2016-07-11 01:42:51
## 11                                                        Qatar 2016-03-16 20:19:01
## 12                                                      Burundi 2016-05-08 08:10:10
## 13                                                        Egypt 2016-06-03 01:14:41
## 14                                       Bosnia and Herzegovina 2016-04-20 21:49:22
## 15                                                     Barbados 2016-03-24 09:31:49
## 16                                                        Spain 2016-03-09 03:41:30
## 17                                        Palestinian Territory 2016-01-30 19:20:41
## 18                                                  Afghanistan 2016-05-02 07:00:58
## 19   British Indian Ocean Territory (Chagos Archipelago) 2016-02-13 07:53:55
## 20                                           Russian Federation 2016-02-27 04:43:07
## 21                                                     Cameroon 2016-01-05 07:52:48
## 22                                                     Cameroon 2016-03-18 13:22:35
## 23                                                      Burundi 2016-05-20 08:49:33
## 24                                                        Korea 2016-03-23 09:43:43
## 25                                                      Tokelau 2016-06-13 17:27:09
## 26                                                       Monaco 2016-05-27 15:25:52
## 27                                                       Tuvalu 2016-02-08 10:46:14
```

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```
## 28                              Greece 2016-07-19 08:32:10
## 29                 British Virgin Islands 2016-04-14 05:08:35
## 30            Bouvet Island (Bouvetoya) 2016-01-27 12:38:16
## 31                                Peru 2016-07-02 20:23:15
## 32                                Aruba 2016-03-01 22:13:37
## 33                             Maldives 2016-07-15 05:05:14
## 34                              Senegal 2016-01-14 14:00:09
## 35                             Dominica 2016-03-15 03:12:25
## 36                           Luxembourg 2016-04-12 03:26:39
## 37                           Montenegro 2016-04-07 15:18:10
## 38                              Ukraine 2016-02-09 05:28:18
## 39                          Saint Helena 2016-05-07 17:11:49
## 40                              Liberia 2016-03-11 06:49:10
## 41                    Russian Federation 2016-04-27 09:27:58
## 42                              Tunisia 2016-04-16 11:53:43
## 43                         Turkmenistan 2016-05-08 15:38:46
## 44                          Saint Helena 2016-02-08 00:23:38
## 45                                Niger 2016-02-11 13:26:22
## 46                         Turkmenistan 2016-02-17 13:16:33
## 47                                Qatar 2016-02-26 22:46:43
## 48                            Sri Lanka 2016-06-08 18:54:01
## 49                    Trinidad and Tobago 2016-01-08 09:32:26
## 50                                Italy 2016-04-25 11:01:54
## 51                 British Virgin Islands 2016-04-04 07:07:46
## 52                        United Kingdom 2016-05-03 21:19:58
## 53                         Guinea-Bissau 2016-01-17 09:31:36
## 54                            Micronesia 2016-03-02 04:57:51
## 55                               Turkey 2016-02-14 07:36:58
## 56                              Croatia 2016-04-07 03:56:16
## 57                               Israel 2016-02-17 11:42:00
## 58            Svalbard & Jan Mayen Islands 2016-04-10 00:13:47
## 59                           Azerbaijan 2016-02-14 17:05:15
## 60                                 Iran 2016-05-26 22:49:47
## 61                              Burundi 2016-04-30 08:07:13
## 62       Saint Vincent and the Grenadines 2016-06-15 05:30:13
## 63                              Burundi 2016-03-09 14:45:33
## 64                             Bulgaria 2016-03-31 20:55:22
## 65                       Christmas Island 2016-06-03 00:55:23
## 66                               Canada 2016-03-10 23:36:03
## 67                               Rwanda 2016-01-08 00:17:27
## 68              Turks and Caicos Islands 2016-06-05 22:11:34
## 69                              Tunisia 2016-01-16 11:35:01
## 70                        Norfolk Island 2016-04-22 20:10:22
## 71            Bouvet Island (Bouvetoya) 2016-02-01 09:00:55
## 72              Turks and Caicos Islands 2016-07-07 13:37:34
## 73                          Cook Islands 2016-03-08 00:37:54
## 74                               Turkey 2016-05-10 17:39:06
## 75                            Guatemala 2016-04-06 11:24:21
## 76                        Cote d'Ivoire 2016-04-01 16:21:05
## 77                         Faroe Islands 2016-01-05 04:18:46
## 78                                Qatar 2016-05-20 21:31:24
## 79                              Ireland 2016-02-03 07:59:16
## 80                              Ukraine 2016-02-17 21:55:29
## 81                              Moldova 2016-01-30 16:10:04
```

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

```
##      Clicked.on.Ad
## 1                0
## 2                0
## 3                0
## 4                0
## 5                0
## 6                0
## 7                0
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## 701          0
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## 999              0
## 1000             1
```

8c checking missing Data

```r
# The function complete.cases() returns a logical vector indicating which cases are complete.
# list rows of data that have missing values
advertising[!complete.cases(advertising),]
```

```
##  [1] Daily.Time.Spent.on.Site Age                      Area.Income
##  [4] Daily.Internet.Usage     Ad.Topic.Line            City
##  [7] Male                     Country                  Timestamp
## [10] Clicked.on.Ad
## <0 rows> (or 0-length row.names)
```

8d.Removing the missing data

```r
# The function na.omit() returns the object with deletion of missing values.
# Creating a new dataset without missing data
advertising <- na.omit(advertising)
```

8e.Renaming variables

```
# Using library --reshape

library(reshape)
```

```
##
## Attaching package: 'reshape'

## The following object is masked from 'package:dplyr':
##
##     rename
```

```
advertising <- rename(advertising, c(Daily.Time.Spent.on.Site="time"))
advertising <- rename(advertising, c(Ad.Topic.Line="topic"))
advertising <- rename(advertising, c(Daily.Internet.Usage="usage"))
advertising <- rename(advertising, c(Clicked.on.Ad ="clicked"))
advertising <- rename(advertising, c(Timestamp="timestamp"))
advertising <- rename(advertising, c(Area.Income="income"))
advertising <- rename(advertising, c(Male="gender"))
```

```
#confirming the column names are changed
head(advertising)
```

```
##    time Age   income  usage                              topic
## 1 68.95  35 61833.90 256.09     Cloned 5thgeneration orchestration
## 2 80.23  31 68441.85 193.77     Monitored national standardization
## 3 69.47  26 59785.94 236.50        Organic bottom-line service-desk
## 4 74.15  29 54806.18 245.89 Triple-buffered reciprocal time-frame
## 5 68.37  35 73889.99 225.58            Robust logistical utilization
## 6 59.99  23 59761.56 226.74        Sharable client-driven software
##             City gender    Country           timestamp clicked
## 1    Wrightburgh      0    Tunisia 2016-03-27 00:53:11       0
## 2      West Jodi      1      Nauru 2016-04-04 01:39:02       0
## 3        Davidton      0 San Marino 2016-03-13 20:35:42       0
## 4 West Terrifurt      1      Italy 2016-01-10 02:31:19       0
## 5   South Manuel      0    Iceland 2016-06-03 03:36:18       0
## 6      Jamieberg      1     Norway 2016-05-19 14:30:17       0
```

```
#For ease in analysis,we convert the data into a tibble
my_data<-as_tibble(advertising)
my_data
```

```
## # A tibble: 1,000 x 10
##    time   Age income usage topic        City      gender Country timestamp   clicked
##   <dbl> <int>  <dbl> <dbl> <chr>        <chr>      <int> <chr>   <chr>         <int>
## 1  69.0    35 61834.  256. Cloned 5t~  Wright~        0 Tunisia 2016-03-2~        0
## 2  80.2    31 68442.  194. Monitored~  West J~        1 Nauru   2016-04-0~        0
## 3  69.5    26 59786.  236. Organic b~  Davidt~        0 San Ma~ 2016-03-1~        0
## 4  74.2    29 54806.  246. Triple-bu~  West T~        1 Italy   2016-01-1~        0
```

```
##  5  68.4     35 73890.    226. Robust lo~ South ~      0 Iceland 2016-06-0~          0
##  6  60.0     23 59762.    227. Sharable ~ Jamieb~      1 Norway  2016-05-1~          0
##  7  88.9     33 53853.    208. Enhanced ~ Brando~      0 Myanmar 2016-01-2~          0
##  8  66       48 24593.    132. Reactive ~ Port J~      1 Austra~ 2016-03-0~          1
##  9  74.5     30 68862     222. Configura~ West C~      1 Grenada 2016-04-1~          0
## 10  69.9     20 55642.    184. Mandatory~ Ramire~      1 Ghana   2016-07-1~          0
## # ... with 990 more rows
```

8e. Feature engineering time/date

```
#install.packages("lubridate")
#install.packages("tidyr")
library(tidyr)
```

```
##
## Attaching package: 'tidyr'
```

```
## The following objects are masked from 'package:reshape':
##
##     expand, smiths
```

```
library(lubridate)
```

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

```
## The following object is masked from 'package:reshape':
##
##     stamp
```

```
## The following objects are masked from 'package:base':
##
##     date, intersect, setdiff, union
```

```
advertising2 <- separate(advertising, timestamp, c("year", "month", "day"))
```

```
## Warning: Expected 3 pieces. Additional pieces discarded in 1000 rows [1, 2, 3,
## 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, ...].
```

8f.Converting data types

```
#confirm data types per column
str(advertising2)
```

```
## 'data.frame':    1000 obs. of  12 variables:
##  $ time   : num  69 80.2 69.5 74.2 68.4 ...
##  $ Age    : int  35 31 26 29 35 23 33 48 30 20 ...
##  $ income : num  61834 68442 59786 54806 73890 ...
```

```
##  $ usage  : num   256 194 236 246 226 ...
##  $ topic  : chr   "Cloned 5thgeneration orchestration" "Monitored national standardization" "Organic
##  $ City   : chr   "Wrightburgh" "West Jodi" "Davidton" "West Terrifurt" ...
##  $ gender : int   0 1 0 1 0 1 0 1 1 1 ...
##  $ Country: chr   "Tunisia" "Nauru" "San Marino" "Italy" ...
##  $ year   : chr   "2016" "2016" "2016" "2016" ...
##  $ month  : chr   "03" "04" "03" "01" ...
##  $ day    : chr   "27" "04" "13" "10" ...
##  $ clicked: int   0 0 0 0 0 0 0 1 0 0 ...
```

```python
#f['set_of_numbers'] = pd.to_numeric(df['set_of_numbers'], errors='coerce')
print(advertising2)
```

```
##         time Age   income  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
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## 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
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## 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
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## 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
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## 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
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## 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
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## 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
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## 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
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## 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
```

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## 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
```

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## 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
##                                                       topic
## 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 gender
## 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
```

430

```
## 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            Fraz   iershire    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 year month day clicked
## 1                                    Tunisia 2016    03  27       0
## 2                                      Nauru 2016    04  04       0
## 3                                 San Marino 2016    03  13       0
## 4                                      Italy 2016    01  10       0
## 5                                    Iceland 2016    06  03       0
## 6                                     Norway 2016    05  19       0
## 7                                    Myanmar 2016    01  28       0
```

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## 8                                      Australia 2016 03 07        1
## 9                                        Grenada 2016 04 18        0
## 10                                         Ghana 2016 07 11        0
## 11                                         Qatar 2016 03 16        1
## 12                                       Burundi 2016 05 08        0
## 13                                         Egypt 2016 06 03        1
## 14                        Bosnia and Herzegovina 2016 04 20        0
## 15                                      Barbados 2016 03 24        1
## 16                                         Spain 2016 03 09        1
## 17                         Palestinian Territory 2016 01 30        1
## 18                                   Afghanistan 2016 05 02        0
## 19 British Indian Ocean Territory (Chagos Archipelago) 2016 02 13  1
## 20                            Russian Federation 2016 02 27        1
## 21                                      Cameroon 2016 01 05        0
## 22                                      Cameroon 2016 03 18        0
## 23                                       Burundi 2016 05 20        1
## 24                                         Korea 2016 03 23        0
## 25                                       Tokelau 2016 06 13        1
## 26                                        Monaco 2016 05 27        0
## 27                                        Tuvalu 2016 02 08        1
## 28                                        Greece 2016 07 19        1
## 29                         British Virgin Islands 2016 04 14       1
## 30                      Bouvet Island (Bouvetoya) 2016 01 27       0
## 31                                          Peru 2016 07 02        0
## 32                                         Aruba 2016 03 01        0
## 33                                      Maldives 2016 07 15        1
## 34                                       Senegal 2016 01 14        1
## 35                                      Dominica 2016 03 15        1
## 36                                    Luxembourg 2016 04 12        0
## 37                                    Montenegro 2016 04 07        1
## 38                                       Ukraine 2016 02 09        0
## 39                                   Saint Helena 2016 05 07       1
## 40                                       Liberia 2016 03 11        1
## 41                            Russian Federation 2016 04 27        0
## 42                                       Tunisia 2016 04 16        0
## 43                                  Turkmenistan 2016 05 08        0
## 44                                   Saint Helena 2016 02 08       0
## 45                                         Niger 2016 02 11        0
## 46                                  Turkmenistan 2016 02 17        1
## 47                                         Qatar 2016 02 26        0
## 48                                     Sri Lanka 2016 06 08        0
## 49                            Trinidad and Tobago 2016 01 08       1
## 50                                         Italy 2016 04 25        1
## 51                         British Virgin Islands 2016 04 04       0
## 52                                United Kingdom 2016 05 03        0
## 53                                  Guinea-Bissau 2016 01 17       1
## 54                                    Micronesia 2016 03 02        1
## 55                                        Turkey 2016 02 14        1
## 56                                       Croatia 2016 04 07        0
## 57                                        Israel 2016 02 17        1
## 58                   Svalbard & Jan Mayen Islands 2016 04 10       1
## 59                                    Azerbaijan 2016 02 14        0
## 60                                          Iran 2016 05 26        1
## 61                                       Burundi 2016 04 30        0
```

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## 62       Saint Vincent and the Grenadines 2016    06    15         0
## 63                              Burundi 2016    03    09         0
## 64                             Bulgaria 2016    03    31         0
## 65                     Christmas Island 2016    06    03         1
## 66                               Canada 2016    03    10         0
## 67                               Rwanda 2016    01    08         1
## 68              Turks and Caicos Islands 2016   06    05         1
## 69                              Tunisia 2016    01    16         0
## 70                       Norfolk Island 2016    04    22         1
## 71            Bouvet Island (Bouvetoya) 2016    02    01         1
## 72              Turks and Caicos Islands 2016   07    07         0
## 73                         Cook Islands 2016    03    08         1
## 74                               Turkey 2016    05    10         1
## 75                            Guatemala 2016    04    06         1
## 76                        Cote d'Ivoire 2016    04    01         0
## 77                         Faroe Islands 2016   01    05         1
## 78                                Qatar 2016    05    20         0
## 79                              Ireland 2016    02    03         1
## 80                              Ukraine 2016    02    17         1
## 81                              Moldova 2016    01    30         0
## 82                            Nicaragua 2016    05    15         0
## 83                           Montserrat 2016    01    05         1
## 84                          Timor-Leste 2016    04    19         1
## 85            Bouvet Island (Bouvetoya) 2016    03    15         0
## 86                          Puerto Rico 2016    06    12         1
## 87             Central African Republic 2016    07    01         0
## 88                            Venezuela 2016    05    08         1
## 89                            Australia 2016    03    14         1
## 90                    Wallis and Futuna 2016    05    25         1
## 91                               Jersey 2016    05    13         1
## 92                          Puerto Rico 2016    02    20         1
## 93                                Samoa 2016    05    22         0
## 94                               Greece 2016    04    10         1
## 95  Antarctica (the territory South of 60 deg S) 2016 02  28         1
## 96                              Albania 2016    07    08         0
## 97                            Hong Kong 2016    04    19         1
## 98                            Lithuania 2016    01    08         1
## 99                                Egypt 2016    03    28         1
## 100                          Bangladesh 2016    07    02         0
## 101                      Western Sahara 2016    07    03         1
## 102                              Serbia 2016    06    01         0
## 103                            Maldives 2016    07    09         0
## 104                      Czech Republic 2016    02    09         0
## 105                            Guernsey 2016    06    10         0
## 106                            Tanzania 2016    02    14         0
## 107                               Bhutan 2016   07    05         0
## 108                    Christmas Island 2016    04    28         1
## 109                               Guinea 2016   04    03         1
## 110                          Micronesia 2016    03    09         0
## 111                          Madagascar 2016    01    16         1
## 112                             Lebanon 2016    07    03         1
## 113                             Eritrea 2016    03    14         0
## 114                              Guyana 2016    01    09         1
## 115                 Trinidad and Tobago 2016    02    11         0
```

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## 116                                                  Jersey 2016   06   22      0
## 117                                  United Arab Emirates 2016   07   13      1
## 118                                             Martinique 2016   07   23      1
## 119                                               Somalia 2016   07   13      1
## 120                                                Bhutan 2016   06   11      1
## 121                                                Greece 2016   05   08      0
## 122                                                 Benin 2016   04   07      0
## 123                                     Papua New Guinea 2016   02   04      0
## 124                                            Uzbekistan 2016   02   26      1
## 125                                          South Africa 2016   06   21      1
## 126                                                 Egypt 2016   05   17      0
## 127                                               Hungary 2016   04   18      1
## 128                             Falkland Islands (Malvinas) 2016   04   03      0
## 129                                              Dominica 2016   04   04      0
## 130                                                Jersey 2016   07   06      0
## 131                                             Lithuania 2016   05   04      1
## 132                                          Saint Martin 2016   06   13      1
## 133                                                  Cuba 2016   01   03      1
## 134                     United States Minor Outlying Islands 2016   01   14      0
## 135                                                 Belize 2016   01   12      1
## 136                                                 Belize 2016   04   16      1
## 137          Antarctica (the territory South of 60 deg S) 2016   05   13      1
## 138                     Saint Vincent and the Grenadines 2016   03   27      1
## 139                                                Kuwait 2016   02   03      0
## 140                                              Thailand 2016   04   18      0
## 141                                             Gibraltar 2016   02   05      0
## 142                       Holy See (Vatican City State) 2016   03   21      1
## 143                                                 Korea 2016   06   14      1
## 144                                          Saint Helena 2016   02   06      0
## 145                             Turks and Caicos Islands 2016   03   12      0
## 146                                        Czech Republic 2016   01   26      1
## 147                                           Netherlands 2016   02   07      1
## 148                                               Belarus 2016   05   05      1
## 149                                              Dominica 2016   06   29      1
## 150                                          South Africa 2016   04   10      1
## 151                                           New Zealand 2016   02   10      0
## 152                                                  Togo 2016   05   28      0
## 153                                                 Kenya 2016   03   24      1
## 154                                                 Palau 2016   02   12      0
## 155                                           Timor-Leste 2016   06   10      0
## 156                                              Cambodia 2016   03   31      0
## 157                                                Belize 2016   02   14      1
## 158                                                  Cuba 2016   01   07      1
## 159                                            Costa Rica 2016   02   04      0
## 160                                         Liechtenstein 2016   05   09      1
## 161                                                 Korea 2016   06   23      0
## 162                                               Ukraine 2016   06   20      0
## 163                                                Angola 2016   02   29      0
## 164                                                 Nauru 2016   01   17      0
## 165                                     Equatorial Guinea 2016   01   29      1
## 166                                              Mongolia 2016   07   14      1
## 167                           Svalbard & Jan Mayen Islands 2016   01   10      1
## 168                                           Timor-Leste 2016   04   28      0
## 169                                                Brazil 2016   07   06      1
```

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## 170                               Chad 2016   05   27        0
## 171                            Portugal 2016   01   25        1
## 172                               Malawi 2016   05   08        0
## 173                                Qatar 2016   03   19        0
## 174                            Singapore 2016   07   23        0
## 175                               Guinea 2016   06   23        1
## 176                           Kazakhstan 2016   07   19        0
## 177                               Kuwait 2016   02   28        1
## 178                               Rwanda 2016   02   10        0
## 179                                China 2016   03   27        1
## 180          Bouvet Island (Bouvetoya) 2016   05   23        0
## 181                              Vietnam 2016   01   03        1
## 182                            Guatemala 2016   01   04        1
## 183                                 Peru 2016   05   24        1
## 184                              Mayotte 2016   02   01        0
## 185                                Samoa 2016   06   05        0
## 186                            Singapore 2016   02   04        1
## 187                              Jamaica 2016   03   24        1
## 188                              Bahamas 2016   06   02        0
## 189                               Canada 2016   02   21        1
## 190                              Algeria 2016   06   26        1
## 191                                 Fiji 2016   01   03        1
## 192                                Kenya 2016   03   08        1
## 193                            Argentina 2016   06   19        1
## 194          Bouvet Island (Bouvetoya) 2016   07   21        1
## 195                          Philippines 2016   02   12        0
## 196                              Senegal 2016   05   17        1
## 197                             Suriname 2016   07   09        1
## 198                              Liberia 2016   03   27        0
## 199                                 Guam 2016   01   16        0
## 200                 United Arab Emirates 2016   01   21        0
## 201                  Antigua and Barbuda 2016   06   05        0
## 202                            Argentina 2016   02   13        0
## 203                              Georgia 2016   05   10        1
## 204                               Jordan 2016   03   27        0
## 205                         Saudi Arabia 2016   05   24        0
## 206                         South Africa 2016   02   11        1
## 207                              Croatia 2016   04   22        0
## 208                                 Fiji 2016   01   13        0
## 209                            Australia 2016   06   16        1
## 210              Sao Tome and Principe 2016   06   27        1
## 211                                 Fiji 2016   07   03        0
## 212                               Cyprus 2016   02   03        1
## 213                      Kyrgyz Republic 2016   05   29        0
## 214                             Pakistan 2016   04   03        1
## 215                           Seychelles 2016   04   15        0
## 216                                Samoa 2016   06   21        1
## 217                             Bulgaria 2016   03   14        1
## 218                           Mauritania 2016   05   06        1
## 219                       Czech Republic 2016   06   12        1
## 220                                Chile 2016   01   11        1
## 221                               Poland 2016   07   02        0
## 222                              Estonia 2016   03   04        0
## 223                         Turkmenistan 2016   03   24        1
```

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## 224                             Latvia 2016  02  14     1
## 225                               Fiji 2016  04  25     0
## 226                             Turkey 2016  02  10     1
## 227                         Kazakhstan 2016  04  23     1
## 228                            Bahrain 2016  06  18     1
## 229                           Colombia 2016  07  17     0
## 230                  Brunei Darussalam 2016  04  27     0
## 231                             Taiwan 2016  04  21     0
## 232                             Serbia 2016  03  23     1
## 233          Saint Pierre and Miquelon 2016  07  19     1
## 234                          Australia 2016  06  26     1
## 235                               Chad 2016  03  30     1
## 236                             Norway 2016  03  16     1
## 237           Turks and Caicos Islands 2016  05  04     1
## 238                            Finland 2016  07  02     0
## 239                       South Africa 2016  05  23     1
## 240                         Martinique 2016  01  29     0
## 241                        Afghanistan 2016  07  23     1
## 242                         Micronesia 2016  02  16     1
## 243        French Southern Territories 2016  06  09     0
## 244                        Philippines 2016  06  19     0
## 245                            Algeria 2016  06  06     0
## 246                         San Marino 2016  01  07     0
## 247                           Guernsey 2016  04  15     1
## 248                       Sierra Leone 2016  01  09     1
## 249                         Tajikistan 2016  02  10     1
## 250                      Liechtenstein 2016  04  24     1
## 251                            Ecuador 2016  06  12     0
## 252                        Switzerland 2016  01  05     1
## 253                            Moldova 2016  03  02     0
## 254                            Finland 2016  07  21     1
## 255                             France 2016  01  09     1
## 256                          Venezuela 2016  01  06     0
## 257                               Cuba 2016  01  31     0
## 258                               Peru 2016  06  11     1
## 259                             Turkey 2016  05  15     0
## 260                            Albania 2016  06  18     1
## 261        French Southern Territories 2016  03  17     0
## 262                   Papua New Guinea 2016  06  29     1
## 263                      Liechtenstein 2016  02  02     1
## 264                           Thailand 2016  04  13     1
## 265                           Malaysia 2016  07  20     0
## 266                          Mauritius 2016  02  26     1
## 267                            Algeria 2016  02  26     1
## 268                    Christmas Island 2016 04  15     0
## 269                              Japan 2016  02  01     1
## 270                          Greenland 2016  01  20     0
## 271              Sao Tome and Principe 2016  04  23     1
## 272                            Senegal 2016  06  19     0
## 273                         Guadeloupe 2016  02  15     0
## 274                            Belgium 2016  02  09     0
## 275                             Israel 2016  01  25     0
## 276                           Honduras 2016  07  18     1
## 277                            Estonia 2016  01  09     0
```

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## 278                            Paraguay 2016    03   21       0
## 279                     Kyrgyz Republic 2016    02   15       0
## 280                          Mauritania 2016    03   04       0
## 281                        French Guiana 2016   01   05       1
## 282            Northern Mariana Islands 2016    05   15       1
## 283                             Lebanon 2016    05   05       1
## 284           Saint Pierre and Miquelon 2016    05   26       0
## 285                      American Samoa 2016    05   21       1
## 286                             Austria 2016    05   04       0
## 287                               Tonga 2016    07   05       1
## 288                               Tonga 2016    06   28       0
## 289         French Southern Territories 2016    05   05       1
## 290                              Serbia 2016    03   25       1
## 291                       New Caledonia 2016    01   23       1
## 292                              Taiwan 2016    05   29       0
## 293            United States of America 2016    05   30       1
## 294                             Morocco 2016    04   17       0
## 295                            Suriname 2016    07   20       0
## 296                           Macedonia 2016    06   29       0
## 297                    Wallis and Futuna 2016   04   10       0
## 298                               Chile 2016    04   16       0
## 299                               Gabon 2016    05   03       0
## 300                               Gabon 2016    03   18       0
## 301       Holy See (Vatican City State) 2016    05   22       0
## 302                          Seychelles 2016    02   01       1
## 303                             Mayotte 2016    01   23       1
## 304                              Uganda 2016    05   19       1
## 305                            Cambodia 2016    05   09       1
## 306                 Antigua and Barbuda 2016    05   31       1
## 307                            Cameroon 2016    03   30       0
## 308                             Somalia 2016    01   09       0
## 309                             Lebanon 2016    04   18       0
## 310           Saint Pierre and Miquelon 2016    06   13       1
## 311                            Dominica 2016    04   23       0
## 312                             Hungary 2016    03   27       0
## 313                              Taiwan 2016    02   19       1
## 314                         Saint Lucia 2016    05   19       0
## 315                                Niue 2016    01   27       0
## 316                              France 2016    04   20       1
## 317                              Cyprus 2016    02   07       0
## 318         French Southern Territories 2016    04   21       0
## 319                          Costa Rica 2016    04   19       0
## 320                             Austria 2016    04   12       1
## 321                              Zambia 2016    03   15       1
## 322                               Congo 2016    02   16       0
## 323            United States of America 2016    02   18       0
## 324                     Pitcairn Islands 2016   03   25       0
## 325                              Belize 2016    03   16       0
## 326                            Anguilla 2016    01   28       1
## 327                        South Africa 2016    03   24       1
## 328                           Singapore 2016    03   03       0
## 329                             Finland 2016    02   26       0
## 330                          Martinique 2016    07   06       1
## 331                            Cameroon 2016    06   24       0
```

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## 332                              Sweden 2016    05    23        0
## 333                        New Caledonia 2016    02    03        1
## 334               Bosnia and Herzegovina 2016    04    28        0
## 335                            Singapore 2016    03    19        0
## 336           Falkland Islands (Malvinas) 2016   07    15        1
## 337               Bosnia and Herzegovina 2016    05    12        0
## 338                            Mauritius 2016    01    01        0
## 339                            Indonesia 2016    03    13        0
## 340                       Czech Republic 2016    07    16        0
## 341                              Eritrea 2016    04    18        1
## 342                               Mexico 2016    07    17        1
## 343                            Gibraltar 2016    02    17        0
## 344                                Haiti 2016    06    16        0
## 345           Falkland Islands (Malvinas) 2016   04    09        1
## 346                              Eritrea 2016    03    18        0
## 347                            Hong Kong 2016    05    11        0
## 348                               Gambia 2016    05    25        1
## 349                             Barbados 2016    02    29        0
## 350                                Nauru 2016    06    09        1
## 351                                 Peru 2016    01    30        0
## 352                          El Salvador 2016    02    15        0
## 353               Libyan Arab Jamahiriya 2016    01    31        0
## 354                             Cambodia 2016    01    05        0
## 355                     Saint Barthelemy 2016    05    31        1
## 356                              Reunion 2016    04    21        0
## 357                  Antigua and Barbuda 2016    04    10        1
## 358                                Samoa 2016    02    09        1
## 359                          Afghanistan 2016    06    17        1
## 360                           Azerbaijan 2016    05    22        0
## 361                          Philippines 2016    07    13        1
## 362                               Angola 2016    01    23        1
## 363                              Albania 2016    05    20        0
## 364                              Hungary 2016    01    30        1
## 365                        Faroe Islands 2016    04    21        0
## 366                       Czech Republic 2016    04    22        1
## 367          Svalbard & Jan Mayen Islands 2016   01    11        0
## 368                          Afghanistan 2016    03    01        0
## 369                               Rwanda 2016    04    04        0
## 370                               Panama 2016    06    20        0
## 371                                Samoa 2016    01    28        1
## 372  United States Minor Outlying Islands 2016   07    03        1
## 373                               Greece 2016    05    15        0
## 374                        Cote d'Ivoire 2016    04    08        1
## 375                             Pakistan 2016    01    19        0
## 376                             Anguilla 2016    05    26        0
## 377                               Cyprus 2016    01    26        0
## 378                                 Peru 2016    06    17        1
## 379                                Kenya 2016    04    25        1
## 380                                 Chad 2016    07    13        0
## 381                      Kyrgyz Republic 2016    07    05        0
## 382                              Albania 2016    03    15        1
## 383                                Gabon 2016    06    19        0
## 384                   Dominican Republic 2016    07    05        0
## 385                             Zimbabwe 2016    05    09        1
```

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## 386                               Croatia 2016   07  21      0
## 387                              Cambodia 2016   06  03      0
## 388                              Mongolia 2016   01  15      1
## 389                              Honduras 2016   02  05      0
## 390                            Madagascar 2016   02  29      1
## 391                                 Qatar 2016   05  08      0
## 392                                 China 2016   07  13      0
## 393                            Bangladesh 2016   01  08      0
## 394                             Swaziland 2016   06  08      0
## 395                              Tanzania 2016   06  15      1
## 396                               Eritrea 2016   06  13      0
## 397                                Canada 2016   06  20      1
## 398                  Saint Kitts and Nevis 2016   04  03      1
## 399                          Burkina Faso 2016   05  31      0
## 400                                Tuvalu 2016   02  15      0
## 401                           El Salvador 2016   03  10      1
## 402                            Madagascar 2016   02  26      0
## 403                            Bangladesh 2016   04  17      1
## 404                        American Samoa 2016   03  26      0
## 405                                Latvia 2016   06  29      1
## 406                               Moldova 2016   01  27      0
## 407                              Anguilla 2016   03  17      1
## 408                            Bangladesh 2016   07  09      1
## 409                         Faroe Islands 2016   06  28      1
## 410                                Taiwan 2016   06  18      1
## 411    Heard Island and McDonald Islands 2016   05  28      1
## 412                                Israel 2016   01  16      0
## 413                               Bolivia 2016   07  11      0
## 414                               Bahamas 2016   07  16      1
## 415                            Costa Rica 2016   04  06      0
## 416                               Myanmar 2016   07  05      1
## 417                  Netherlands Antilles 2016   02  17      1
## 418                        Czech Republic 2016   03  15      0
## 419                               Iceland 2016   01  21      0
## 420                                 Palau 2016   06  06      0
## 421                Libyan Arab Jamahiriya 2016   05  16      1
## 422                            Kazakhstan 2016   04  17      0
## 423                         French Guiana 2016   03  30      1
## 424                                Tuvalu 2016   06  29      1
## 425                                 Congo 2016   05  26      1
## 426                        United Kingdom 2016   04  15      1
## 427                            Luxembourg 2016   05  31      1
## 428                      French Polynesia 2016   02  15      0
## 429                     Papua New Guinea 2016   05  09      1
## 430                              Maldives 2016   07  07      0
## 431                                Zambia 2016   01  03      0
## 432                          Cook Islands 2016   07  17      0
## 433                                 Congo 2016   04  04      1
## 434                               Senegal 2016   02  27      0
## 435                               Myanmar 2016   06  08      0
## 436                    Dominican Republic 2016   02  20      1
## 437                               Bahrain 2016   03  23      0
## 438                           Puerto Rico 2016   06  07      0
## 439                                 Chile 2016   01  18      1
```

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## 440                        Bolivia 2016   06   09        0
## 441                         Serbia 2016   05   30        1
## 442                        Malaysia 2016  04   01        0
## 443                         Estonia 2016  05   31        1
## 444                       Greenland 2016  07   03        1
## 445             Trinidad and Tobago 2016  03   10        1
## 446                        Thailand 2016  03   18        0
## 447                     Philippines 2016  05   30        1
## 448                            Niue 2016  02   20        0
## 449                     Afghanistan 2016  03   10        1
## 450                          Angola 2016  06   21        0
## 451                           Egypt 2016  02   05        1
## 452                            Fiji 2016  05   31        1
## 453                        Portugal 2016  01   01        0
## 454                         Austria 2016  03   04        0
## 455                         Germany 2016  02   03        1
## 456                          Panama 2016  01   20        0
## 457        United States of America 2016  06   11        1
## 458                Christmas Island 2016  03   08        0
## 459               Equatorial Guinea 2016  02   14        1
## 460                      Micronesia 2016  07   17        0
## 461                           Malta 2016  06   02        1
## 462                         Ecuador 2016  04   30        1
## 463                           Sudan 2016  04   17        0
## 464   Lao People's Democratic Republic 2016  03   09     1
## 465   Saint Vincent and the Grenadines 2016  03   07     0
## 466                     Switzerland 2016  05   26        1
## 467                           Spain 2016  07   18        1
## 468         Turks and Caicos Islands 2016  07   16        1
## 469                       Indonesia 2016  03   22        1
## 470                    Cook Islands 2016  06   03        0
## 471                       Australia 2016  06   28        1
## 472                         Finland 2016  07   18        0
## 473                        Pakistan 2016  01   23        0
## 474                         Ireland 2016  02   29        0
## 475                         Eritrea 2016  06   30        1
## 476                          France 2016  06   19        0
## 477                         Austria 2016  01   08        0
## 478  Heard Island and McDonald Islands 2016  01   02     1
## 479                  Western Sahara 2016  05   13        1
## 480                         Liberia 2016  02   08        1
## 481              Dominican Republic 2016  06   07        0
## 482                           Tonga 2016  01   02        0
## 483   Lao People's Democratic Republic 2016  02   13     0
## 484        United States of America 2016  05   03        1
## 485                         Belgium 2016  04   03        1
## 486                       Indonesia 2016  03   23        1
## 487                         Croatia 2016  02   02        0
## 488               Brunei Darussalam 2016  03   08        0
## 489                  American Samoa 2016  04   08        1
## 490             Netherlands Antilles 2016  06   30        0
## 491                        Thailand 2016  03   25        1
## 492                          Greece 2016  05   12        1
## 493                French Polynesia 2016  03   02        0
```

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## 494                         Guernsey 2016  05  10        1
## 495                       Isle of Man 2016  03  03        1
## 496        Holy See (Vatican City State) 2016  07  04        0
## 497                       El Salvador 2016  07  08        0
## 498                             China 2016  05  27        1
## 499                           Myanmar 2016  02  10        0
## 500                             Macao 2016  06  12        1
## 501                         Australia 2016  01  07        1
## 502        United States Virgin Islands 2016  05  13        0
## 503                            Mexico 2016  05  02        0
## 504                          Djibouti 2016  02  07        1
## 505                     Cote d'Ivoire 2016  02  15        1
## 506                              Mali 2016  02  21        0
## 507                           Jamaica 2016  03  20        0
## 508                           Romania 2016  03  24        1
## 509                     Cayman Islands 2016  04  04        1
## 510                            Gambia 2016  01  02        0
## 511                           Algeria 2016  07  08        1
## 512                       Puerto Rico 2016  03  28        0
## 513                    Norfolk Island 2016  07  11        0
## 514                            Turkey 2016  06  09        1
## 515                            Guinea 2016  05  19        0
## 516                           Moldova 2016  04  12        1
## 517                            Greece 2016  07  04        0
## 518                    American Samoa 2016  02  01        1
## 519                          Honduras 2016  01  13        1
## 520                          Mongolia 2016  06  18        1
## 521                          Ethiopia 2016  01  01        1
## 522                          Ethiopia 2016  03  02        1
## 523                         Sri Lanka 2016  03  30        0
## 524                           Morocco 2016  05  01        1
## 525              United Arab Emirates 2016  06  17        0
## 526                    Western Sahara 2016  03  23        0
## 527                    Western Sahara 2016  05  08        1
## 528                          Cambodia 2016  04  06        0
## 529                       New Zealand 2016  04  05        1
## 530                         Australia 2016  04  16        0
## 531                          Bulgaria 2016  06  01        1
## 532            Libyan Arab Jamahiriya 2016  04  04        1
## 533                          Barbados 2016  06  26        0
## 534                  French Polynesia 2016  07  07        0
## 535                           Uruguay 2016  03  20        0
## 536                           Uruguay 2016  04  20        0
## 537                            Brazil 2016  03  25        0
## 538                         Venezuela 2016  02  14        0
## 539                           Myanmar 2016  03  26        0
## 540                             Malta 2016  07  05        0
## 541                           Jamaica 2016  03  14        0
## 542                           Bahrain 2016  05  30        0
## 543                           Algeria 2016  03  07        0
## 544                            Tuvalu 2016  03  19        1
## 545                           Georgia 2016  06  18        0
## 546                          Cambodia 2016  07  11        1
## 547                              Guam 2016  01  01        0
```

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## 548                                Tanzania 2016    04    07        0
## 549                               Indonesia 2016    02    28        0
## 550                                 Somalia 2016    06    26        0
## 551                                  Belize 2016    01    21        0
## 552                                  Serbia 2016    05    01        0
## 553                               Australia 2016    02    14        1
## 554                                    Guam 2016    01    27        1
## 555                         Christmas Island 2016    06    16        1
## 556                        Papua New Guinea 2016    07    21        0
## 557                                 Bahamas 2016    04    21        1
## 558                                 Comoros 2016    07    20        0
## 559                          Western Sahara 2016    02    26        0
## 560                               Nicaragua 2016    01    16        0
## 561                                    Guam 2016    04    01        1
## 562                                 Vanuatu 2016    06    24        1
## 563                                 Bolivia 2016    05    27        0
## 564                                  Malawi 2016    05    26        0
## 565                               Venezuela 2016    04    06        1
## 566                                   Nepal 2016    01    08        0
## 567                          United Kingdom 2016    02    24        1
## 568                                 Albania 2016    03    10        0
## 569                              Madagascar 2016    04    29        0
## 570                                  Guyana 2016    04    10        0
## 571                                   Yemen 2016    04    27        1
## 572                                   India 2016    05    10        0
## 573                             Puerto Rico 2016    01    03        0
## 574            United States Virgin Islands 2016    02    15        1
## 575                     Antigua and Barbuda 2016    03    09        1
## 576                           French Guiana 2016    01    09        1
## 577                     Antigua and Barbuda 2016    02    03        1
## 578                            Turkmenistan 2016    01    02        0
## 579                                Honduras 2016    01    04        0
## 580                              Seychelles 2016    01    07        0
## 581                                  Cyprus 2016    07    24        1
## 582               Saint Pierre and Miquelon 2016    02    13        1
## 583                                  Poland 2016    05    08        1
## 584                                  Taiwan 2016    02    17        1
## 585                           Cote d'Ivoire 2016    01    22        1
## 586                              Micronesia 2016    07    20        0
## 587                                 Liberia 2016    01    05        0
## 588                            Saudi Arabia 2016    01    29        1
## 589                                   Nepal 2016    06    17        0
## 590                                   Ghana 2016    02    23        1
## 591                                    Iran 2016    07    09        1
## 592                             New Zealand 2016    03    19        1
## 593                   Libyan Arab Jamahiriya 2016    01    29        0
## 594                               Sri Lanka 2016    06    14        0
## 595                    United Arab Emirates 2016    05    18        1
## 596                               Indonesia 2016    01    30        1
## 597         Saint Vincent and the Grenadines 2016    04    25        0
## 598                                Mongolia 2016    01    14        0
## 599                                Honduras 2016    07    06        0
## 600                        Papua New Guinea 2016    04    07        1
## 601                         Kyrgyz Republic 2016    04    17        1
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## 602                                 Ethiopia 2016   01   28        1
## 603                                   Rwanda 2016   02   18        1
## 604                          Kyrgyz Republic 2016   06   24        0
## 605                                  Grenada 2016   06   20        1
## 606                                     Togo 2016   02   14        1
## 607                                 Pakistan 2016   02   27        0
## 608               Falkland Islands (Malvinas) 2016  05   07        0
## 609                                   Jersey 2016   03   16        1
## 610                           Cayman Islands 2016   06   26        1
## 611                             South Africa 2016   07   17        1
## 612                               Micronesia 2016   01   28        1
## 613                               Tajikistan 2016   06   16        0
## 614                                  Bolivia 2016   06   19        0
## 615                                 Cameroon 2016   05   24        0
## 616                                  Ecuador 2016   03   01        1
## 617                                   Zambia 2016   01   31        1
## 618                            Guinea-Bissau 2016   04   30        0
## 619                               Micronesia 2016   01   13        1
## 620                                  Bahamas 2016   03   30        0
## 621                               Cape Verde 2016   04   29        0
## 622                         French Polynesia 2016   06   14        0
## 623                             Saudi Arabia 2016   07   15        1
## 624                                   France 2016   03   24        0
## 625                                  Burundi 2016   04   26        0
## 626                                   Latvia 2016   01   12        1
## 627                                  Morocco 2016   04   09        0
## 628                                Venezuela 2016   03   28        1
## 629                                    Palau 2016   06   23        1
## 630                              Isle of Man 2016   01   24        0
## 631                                     Peru 2016   04   15        0
## 632                                  Belgium 2016   04   26        0
## 633                                  Croatia 2016   05   16        0
## 634                                   France 2016   01   18        1
## 635                                 Slovenia 2016   06   20        1
## 636                                     Peru 2016   07   18        1
## 637                                  Belarus 2016   07   01        1
## 638                                  Bolivia 2016   03   07        0
## 639                                    Benin 2016   05   02        1
## 640                        Wallis and Futuna 2016   07   23        0
## 641                               Azerbaijan 2016   06   12        1
## 642                                 Mongolia 2016   02   15        0
## 643                                  Denmark 2016   01   23        0
## 644                       Russian Federation 2016   02   26        0
## 645                                   Brazil 2016   01   11        0
## 646                                 Ethiopia 2016   04   04        1
## 647                                   Guyana 2016   01   14        1
## 648                                 Ethiopia 2016   04   25        1
## 649                                Mauritius 2016   03   05        0
## 650                                 Djibouti 2016   01   06        0
## 651                      Syrian Arab Republic 2016  02   18        0
## 652                             Saint Martin 2016   04   16        0
## 653                      Netherlands Antilles 2016  02   24        0
## 654                                   Greece 2016   06   29        0
## 655                               Madagascar 2016   01   05        0
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## 656                                      Senegal 2016    07   16        1
## 657                                 Burkina Faso 2016    06   17        0
## 658                               Czech Republic 2016    06   13        0
## 659         Lao People's Democratic Republic 2016       04   05        0
## 660                         Netherlands Antilles 2016   04   17        0
## 661                                        Qatar 2016    02   03        1
## 662                                      Andorra 2016    04   18        1
## 663                                Liechtenstein 2016    06   18        1
## 664                                        China 2016    03   12        1
## 665                                      Vietnam 2016    01   15        0
## 666                                   Tajikistan 2016    02   12        1
## 667                                      Eritrea 2016    02   16        0
## 668                                       Monaco 2016    04   04        0
## 669                                       Israel 2016    04   24        1
## 670                                      Hungary 2016    05   20        1
## 671                                    Singapore 2016    05   15        0
## 672                                         Cuba 2016    01   07        1
## 673                                      Reunion 2016    07   19        0
## 674                                       Zambia 2016    04   04        1
## 675                                        Gabon 2016    06   10        0
## 676                                     Dominica 2016    03   11        0
## 677                                      Bahamas 2016    01   14        1
## 678                                      Tokelau 2016    06   22        1
## 679                                 Turkmenistan 2016    03   19        0
## 680                                      Belgium 2016    04   15        1
## 681                                French Guiana 2016    03   28        0
## 682                                   Martinique 2016    01   22        1
## 683                             French Polynesia 2016    06   25        1
## 684                                      Ecuador 2016    03   04        0
## 685                                  Puerto Rico 2016    06   29        1
## 686                         United Arab Emirates 2016    06   18        0
## 687                                 Burkina Faso 2016    01   31        0
## 688                                   Luxembourg 2016    05   22        0
## 689                                      Jamaica 2016    07   22        0
## 690     Antarctica (the territory South of 60 deg S) 2016   07   13     0
## 691                                        China 2016    02   11        0
## 692                               Western Sahara 2016    03   16        0
## 693                                      Lebanon 2016    04   25        1
## 694                                    Hong Kong 2016    07   14        1
## 695                                      Vanuatu 2016    05   30        0
## 696                                      Vanuatu 2016    02   14        0
## 697                                    Guatemala 2016    01   23        1
## 698                                    Greenland 2016    07   18        0
## 699                         Syrian Arab Republic 2016    02   10        0
## 700                                  Saint Helena 2016   01   04        0
## 701                                      Lebanon 2016    06   05        0
## 702                                        Malta 2016    06   01        1
## 703                              Christmas Island 2016   03   06        1
## 704                                      Ukraine 2016    02   26        0
## 705                                        Malta 2016    07   13        0
## 706                                        Italy 2016    06   29        0
## 707                                        Japan 2016    03   15        1
## 708                                    Mauritius 2016    06   11        0
## 709                                       Turkey 2016    07   17        1
```

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## 710                                        Namibia 2016   02   14        1
## 711                                          China 2016   05   04        1
## 712                                     Netherlands 2016   05   20        0
## 713                                       Gibraltar 2016   01   26        0
## 714                                           Congo 2016   07   07        1
## 715                                         Senegal 2016   01   11        0
## 716                                         Hungary 2016   05   12        1
## 717                                Pitcairn Islands 2016   02   28        1
## 718                       Slovakia (Slovak Republic) 2016   05   03        0
## 719                    United States Virgin Islands 2016   03   15        0
## 720                                          Monaco 2016   07   23        1
## 721                                        Portugal 2016   03   11        0
## 722                                          Turkey 2016   02   11        1
## 723                                          Uganda 2016   07   06        1
## 724                                  Norfolk Island 2016   03   22        0
## 725                                            Niue 2016   05   26        0
## 726                                         Ukraine 2016   06   18        0
## 727                                         Vanuatu 2016   03   20        0
## 728           United States Minor Outlying Islands 2016   06   03        0
## 729                                         Armenia 2016   02   03        0
## 730                                          Sweden 2016   05   03        0
## 731                                     Timor-Leste 2016   06   20        0
## 732                     French Southern Territories 2016   07   10        0
## 733                                         Finland 2016   01   04        0
## 734               Saint Vincent and the Grenadines 2016   04   20        1
## 735                                         Senegal 2016   01   23        1
## 736                                         Burundi 2016   01   04        0
## 737                                         Bahamas 2016   04   08        0
## 738                                          Sweden 2016   01   05        1
## 739                      Svalbard & Jan Mayen Islands 2016   03   17        1
## 740                                           Tonga 2016   06   29        0
## 741                                           Korea 2016   05   25        1
## 742                                 Kyrgyz Republic 2016   06   17        0
## 743                                      Costa Rica 2016   04   24        0
## 744                                   Liechtenstein 2016   03   18        1
## 745                                        Zimbabwe 2016   04   28        1
## 746                                      Costa Rica 2016   02   12        1
## 747                                         Hungary 2016   07   11        1
## 748                                            Fiji 2016   01   29        1
## 749                                     Netherlands 2016   01   05        1
## 750                                          Sweden 2016   06   20        0
## 751                                        Barbados 2016   02   06        1
## 752                                        Paraguay 2016   06   22        0
## 753                                           Italy 2016   04   16        0
## 754                                         Belarus 2016   01   17        0
## 755   South Georgia and the South Sandwich Islands 2016   07   08        0
## 756                                        Anguilla 2016   03   11        0
## 757                                    Sierra Leone 2016   06   10        1
## 758                                    Saint Martin 2016   01   04        1
## 759                                          Uganda 2016   01   01        1
## 760                                    Saudi Arabia 2016   07   10        1
## 761                                       Greenland 2016   03   27        0
## 762                                       Venezuela 2016   04   29        0
## 763                                         Liberia 2016   01   08        1
```

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## 764                                                        Mali 2016   06   05         1
## 765                                   Bosnia and Herzegovina 2016   06   29         1
## 766                                         Brunei Darussalam 2016   04   24         1
## 767        South Georgia and the South Sandwich Islands 2016   02   14         1
## 768                                            Czech Republic 2016   06   15         1
## 769                                               El Salvador 2016   07   06         1
## 770                                                   Tokelau 2016   03   31         0
## 771                                                    France 2016   06   21         0
## 772                                                     Gabon 2016   05   27         0
## 773                                                  Bulgaria 2016   01   17         0
## 774                                              Burkina Faso 2016   04   07         1
## 775                                                   Mayotte 2016   05   02         1
## 776                                                   Somalia 2016   06   04         1
## 777                                                   Albania 2016   04   07         1
## 778                                                   Bolivia 2016   06   10         0
## 779                                                    Jersey 2016   05   19         1
## 780                                    British Virgin Islands 2016   03   28         0
## 781                                              Saint Helena 2016   01   21         1
## 782                                   Bosnia and Herzegovina 2016   03   12         1
## 783                                                     India 2016   06   04         0
## 784                                                   Georgia 2016   05   24         0
## 785                   United States Minor Outlying Islands 2016   03   25         1
## 786                                                  Kiribati 2016   04   22         1
## 787                                                     Ghana 2016   03   22         0
## 788                                                     Samoa 2016   01   14         1
## 789                                                      Iran 2016   04   14         0
## 790                                                Costa Rica 2016   05   31         1
## 791                                  Northern Mariana Islands 2016   03   17         1
## 792                                             Liechtenstein 2016   04   13         1
## 793                                                   Grenada 2016   02   03         0
## 794                                                    Poland 2016   02   02         1
## 795                                                     Kenya 2016   04   07         1
## 796                                                      Iran 2016   03   15         0
## 797                                                   Belgium 2016   03   11         0
## 798                                                   Namibia 2016   05   17         0
## 799                                                    Cyprus 2016   02   28         0
## 800                                                     Japan 2016   03   02         0
## 801                                                  Zimbabwe 2016   02   27         1
## 802                                                   Andorra 2016   03   14         1
## 803                                                Luxembourg 2016   03   10         1
## 804                                                    Cyprus 2016   05   01         1
## 805                                                    Turkey 2016   06   12         1
## 806                                                 Hong Kong 2016   05   28         0
## 807                                               Netherlands 2016   03   18         1
## 808                             United States Virgin Islands 2016   05   26         1
## 809                                          Marshall Islands 2016   07   06         1
## 810                                            Western Sahara 2016   04   29         1
## 811                         Saint Vincent and the Grenadines 2016   03   05         1
## 812                                  United States of America 2016   05   30         0
## 813                                                    Angola 2016   04   10         0
## 814                                            Cayman Islands 2016   01   20         0
## 815                                                 Swaziland 2016   07   20         0
## 816                                         Wallis and Futuna 2016   01   17         0
## 817                                                  Zimbabwe 2016   02   24         1
```

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## 818                                 Chad 2016  03  26         1
## 819                         Saint Martin 2016  06  04         0
## 820                               Rwanda 2016  04  22         0
## 821                              Moldova 2016  03  31         1
## 822                                Gabon 2016  04  16         0
## 823                              Denmark 2016  05  12         1
## 824        Svalbard & Jan Mayen Islands 2016  05  07         0
## 825                               Poland 2016  06  25         0
## 826                                 Fiji 2016  03  23         0
## 827                          Philippines 2016  03  04         0
## 828                              Vietnam 2016  06  14         1
## 829                               Jersey 2016  05  11         1
## 830                            Indonesia 2016  01  21         1
## 831                Palestinian Territory 2016  01  15         1
## 832                               Latvia 2016  04  23         1
## 833                                Malta 2016  05  23         1
## 834                          Afghanistan 2016  02  27         1
## 835                              Austria 2016  02  23         0
## 836                           Micronesia 2016  03  17         0
## 837                               Mexico 2016  02  28         1
## 838                                Chile 2016  03  15         1
## 839                                 Cuba 2016  03  03         1
## 840                              Belarus 2016  04  06         1
## 841                               Malawi 2016  05  01         1
## 842                          Afghanistan 2016  05  30         1
## 843                           Luxembourg 2016  04  04         0
## 844                         South Africa 2016  04  06         0
## 845                                Nepal 2016  04  26         0
## 846                                Spain 2016  05  25         1
## 847                            Hong Kong 2016  02  11         1
## 848           Slovakia (Slovak Republic) 2016  01  30         0
## 849                       Cayman Islands 2016  07  12         0
## 850                               Uganda 2016  04  23         1
## 851                              Vanuatu 2016  04  16         0
## 852                             Anguilla 2016  03  11         1
## 853                          Switzerland 2016  03  02         1
## 854                             Zimbabwe 2016  07  13         0
## 855                              Uruguay 2016  05  29         1
## 856                              Liberia 2016  05  10         1
## 857                                Egypt 2016  05  07         0
## 858                               Greece 2016  01  17         0
## 859                              Bahrain 2016  03  09         1
## 860                            Sri Lanka 2016  04  05         0
## 861                           Kazakhstan 2016  04  01         1
## 862                            Greenland 2016  02  15         0
## 863                              Moldova 2016  03  08         0
## 864                               Poland 2016  02  09         0
## 865                             Anguilla 2016  06  17         0
## 866             Central African Republic 2016  06  01         1
## 867                               Mexico 2016  02  26         0
## 868                                 Togo 2016  03  11         0
## 869                              Armenia 2016  04  28         0
## 870                            Nicaragua 2016  04  12         0
## 871                              Eritrea 2016  02  10         1
```

```
## 872                                   Canada 2016    05  01        0
## 873                                  Croatia 2016    03  24        0
## 874                              Switzerland 2016    04  22        0
## 875                                    Yemen 2016    03  09        0
## 876                                  Tokelau 2016    03  30        1
## 877                                  Armenia 2016    01  24        1
## 878                        Equatorial Guinea 2016    07  15        0
## 879                                 Barbados 2016    06  07        0
## 880                           American Samoa 2016    05  31        0
## 881                              Saint Lucia 2016    05  14        1
## 882                                  Algeria 2016    01  10        0
## 883                             Turkmenistan 2016    02  21        0
## 884                                  Mayotte 2016    05  23        1
## 885                             South Africa 2016    07  21        0
## 886                                    Macao 2016    05  15        1
## 887                                   France 2016    06  30        1
## 888                        Equatorial Guinea 2016    02  24        1
## 889                                     Mali 2016    05  30        0
## 890                                  Mayotte 2016    06  02        1
## 891                                 Pakistan 2016    04  18        0
## 892                               Guadeloupe 2016    02  29        1
## 893                                  Denmark 2016    05  27        1
## 894                              New Zealand 2016    01  12        0
## 895                      Netherlands Antilles 2016   01  27        0
## 896                                  Belarus 2016    06  10        0
## 897                                   Taiwan 2016    04  09        0
## 898                              El Salvador 2016    02  26        1
## 899                                   Taiwan 2016    02  21        1
## 900                                     Peru 2016    04  29        1
## 901                                  Liberia 2016    02  11        1
## 902                                  Burundi 2016    07  22        1
## 903                                    Macao 2016    06  26        1
## 904                                Venezuela 2016    05  14        0
## 905                               Luxembourg 2016    05  24        0
## 906                                    Italy 2016    02  16        0
## 907                               San Marino 2016    03  20        1
## 908                               Madagascar 2016    01  31        0
## 909                           Norfolk Island 2016    04  01        1
## 910                                  Vanuatu 2016    02  25        0
## 911                                  Tunisia 2016    03  21        1
## 912                                 Paraguay 2016    02  12        1
## 913                                Macedonia 2016    06  01        1
## 914      Heard Island and McDonald Islands 2016    06  16        0
## 915                                 Ethiopia 2016    03  26        1
## 916                              El Salvador 2016    02  16        1
## 917                                    Niger 2016    02  28        1
## 918                              Timor-Leste 2016    05  18        0
## 919                                  Uruguay 2016    02  21        0
## 920                                  Somalia 2016    01  05        0
## 921                                 Malaysia 2016    05  18        0
## 922                                    Korea 2016    03  06        1
## 923          Lao People's Democratic Republic 2016  05  19        1
## 924                                  Bahamas 2016    04  29        1
## 925                                   Guyana 2016    05  03        1
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## 926                          Ethiopia 2016  06  27      1
## 927      Bosnia and Herzegovina 2016  02  08      0
## 928                           Cyprus 2016  02  22      0
## 929                       Singapore 2016  03  21      0
## 930             Dominican Republic 2016  05  31      1
## 931                         Bermuda 2016  01  01      0
## 932                         Jamaica 2016  05  27      1
## 933             Saint Barthelemy 2016  05  09      1
## 934                         Albania 2016  06  27      1
## 935                     Mozambique 2016  06  03      0
## 936                       Zimbabwe 2016  02  24      0
## 937                         Georgia 2016  03  05      1
## 938                           Brazil 2016  01  15      1
## 939          Syrian Arab Republic 2016  02  12      1
## 940        Palestinian Territory 2016  02  19      0
## 941                         Grenada 2016  03  12      1
## 942                           Ghana 2016  07  23      1
## 943            Brunei Darussalam 2016  03  06      1
## 944                       Lithuania 2016  02  24      1
## 945                       Maldives 2016  02  17      1
## 946                         Lesotho 2016  02  02      0
## 947                 Czech Republic 2016  01  27      0
## 948                         Iceland 2016  05  24      1
## 949                    Philippines 2016  02  08      1
## 950                 Cayman Islands 2016  02  12      1
## 951                           Haiti 2016  01  11      1
## 952                       Colombia 2016  03  03      1
## 953                    Luxembourg 2016  05  30      1
## 954          United Arab Emirates 2016  04  22      1
## 955                         Ireland 2016  05  25      0
## 956                         Canada 2016  02  04      1
## 957  Svalbard & Jan Mayen Islands 2016  02  21      1
## 958                           Malta 2016  04  28      0
## 959                           Sudan 2016  05  18      0
## 960                         Ecuador 2016  02  17      0
## 961                         Senegal 2016  06  19      1
## 962                       Cambodia 2016  02  20      0
## 963                         Belarus 2016  01  22      0
## 964                         Guyana 2016  02  19      0
## 965                             Mali 2016  01  03      0
## 966                             Iran 2016  01  03      1
## 967                       Bulgaria 2016  04  13      1
## 968                    Afghanistan 2016  01  01      0
## 969                         Liberia 2016  03  27      1
## 970          Netherlands Antilles 2016  07  10      1
## 971                     Hong Kong 2016  06  25      1
## 972                           Palau 2016  01  27      1
## 973                         Malawi 2016  05  16      1
## 974                         Uruguay 2016  02  27      0
## 975                           Cyprus 2016  02  28      1
## 976                           Mexico 2016  06  13      1
## 977                           Niger 2016  05  05      1
## 978                           France 2016  07  07      1
## 979                           Japan 2016  05  24      0
```

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## 980                          Norfolk Island 2016   03  30        0
## 981                               Bulgaria 2016   05  27        1
## 982                             Uzbekistan 2016   01  03        0
## 983                                 Mexico 2016   06  25        1
## 984                       Brunei Darussalam 2016   02  24        0
## 985                                 France 2016   03  03        0
## 986                                  Yemen 2016   04  21        1
## 987                Northern Mariana Islands 2016   04  06        0
## 988                                 Poland 2016   03  23        1
## 989                                Bahrain 2016   02  17        0
## 990               Saint Pierre and Miquelon 2016   06  26        0
## 991                                  Tonga 2016   04  20        1
## 992                                Comoros 2016   07  21        1
## 993                             Montenegro 2016   03  06        1
## 994                             Isle of Man 2016   02  11        0
## 995                                Mayotte 2016   04  04        1
## 996                                Lebanon 2016   02  11        1
## 997                  Bosnia and Herzegovina 2016   04  22        1
## 998                               Mongolia 2016   02  01        1
## 999                              Guatemala 2016   03  24        0
## 1000                                Brazil 2016   06  03        1
```

```r
# Type cast the column to
#for practice not analysis
advertising$timestamp<- as.Date(advertising$timestamp)
```

```r
#confirm the date conversion
str(advertising)
```

```
## 'data.frame':    1000 obs. of  10 variables:
##  $ time     : num  69 80.2 69.5 74.2 68.4 ...
##  $ Age      : int  35 31 26 29 35 23 33 48 30 20 ...
##  $ income   : num  61834 68442 59786 54806 73890 ...
##  $ usage    : num  256 194 236 246 226 ...
##  $ topic    : chr  "Cloned 5thgeneration orchestration" "Monitored national standardization" "Organi
##  $ City     : chr  "Wrightburgh" "West Jodi" "Davidton" "West Terrifurt" ...
##  $ gender   : int  0 1 0 1 0 1 0 1 1 1 ...
##  $ Country  : chr  "Tunisia" "Nauru" "San Marino" "Italy" ...
##  $ timestamp: Date, format: "2016-03-27" "2016-04-04" ...
##  $ clicked  : int  0 0 0 0 0 0 0 1 0 0 ...
```

`

```r
head(advertising)
```

```
##    time Age   income  usage                            topic
## 1 68.95  35 61833.90 256.09     Cloned 5thgeneration orchestration
## 2 80.23  31 68441.85 193.77     Monitored national standardization
## 3 69.47  26 59785.94 236.50        Organic bottom-line service-desk
## 4 74.15  29 54806.18 245.89 Triple-buffered reciprocal time-frame
## 5 68.37  35 73889.99 225.58            Robust logistical utilization
## 6 59.99  23 59761.56 226.74          Sharable client-driven software
```

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```
##              City gender    Country  timestamp clicked
## 1    Wrightburgh     0    Tunisia 2016-03-27       0
## 2      West Jodi     1      Nauru 2016-04-04       0
## 3       Davidton     0 San Marino 2016-03-13       0
## 4 West Terrifurt     1      Italy 2016-01-10       0
## 5   South Manuel     0    Iceland 2016-06-03       0
## 6      Jamieberg     1     Norway 2016-05-19       0
```

9.Univariate analysis

9a.Descriptive stastistics

```r
names(advertising2)
```

```
##  [1] "time"    "Age"     "income"  "usage"   "topic"   "City"    "gender"
##  [8] "Country" "year"    "month"   "day"     "clicked"
```

```r
#installing packages for descriptive stats
if(!require(psych)){install.packages("psych")}
```

```
## Loading required package: psych
```

```r
if(!require(FSA)){install.packages("FSA")}
```

```
## Loading required package: FSA
```

```
## ## FSA v0.8.31. See citation('FSA') if used in publication.
## ## Run fishR() for related website and fishR('IFAR') for related book.
```

```
## 
## Attaching package: 'FSA'
```

```
## The following object is masked from 'package:psych':
## 
##     headtail
```

```r
if(!require(plyr)){install.packages("plyr")}
```

```
## Loading required package: plyr
```

```
## ------------------------------------------------------------------------------
```

```
## You have loaded plyr after dplyr - this is likely to cause problems.
## If you need functions from both plyr and dplyr, please load plyr first, then dplyr:
## library(plyr); library(dplyr)
```

```
## ------------------------------------------------------------------------------
```

```
## 
## Attaching package: 'plyr'

## The following objects are masked from 'package:reshape':
## 
##     rename, round_any

## The following objects are masked from 'package:dplyr':
## 
##     arrange, count, desc, failwith, id, mutate, rename, summarise,
##     summarize
```

```r
if(!require(boot)){install.packages("boot")}
```

```
## Loading required package: boot

## 
## Attaching package: 'boot'

## The following object is masked from 'package:psych':
## 
##     logit
```

```r
if(!require(DescTools)){install.packages("DescTools")}
```

```
## Loading required package: DescTools

## 
## Attaching package: 'DescTools'

## The following objects are masked from 'package:psych':
## 
##     AUC, ICC, SD
```

```r
#DESCRIPTIVE STATISTICS FOR THE DATASET
names(advertising2)
```

```
## [1] "time"    "Age"     "income"  "usage"   "topic"   "City"    "gender"
## [8] "Country" "year"    "month"   "day"     "clicked"
```

```r
#installing packages for descriptive stats
if(!require(psych)){install.packages("psych")}
if(!require(FSA)){install.packages("FSA")}
if(!require(plyr)){install.packages("plyr")}
if(!require(boot)){install.packages("boot")}
if(!require(DescTools)){install.packages("DescTools")}
# summary of descriptive statistics
library(psych)

describe(advertising2)
```

```
##         vars    n     mean       sd  median  trimmed      mad      min
## time       1 1000    65.00    15.85   68.22    65.74    17.92    32.60
## Age        2 1000    36.01     8.79   35.00    35.51     8.90    19.00
## income     3 1000 55000.00 13414.63 57012.30 56038.94 13316.62 13996.50
## usage      4 1000   180.00    43.90  183.13   179.99    58.61   104.78
## topic*     5 1000   500.50   288.82  500.50   500.50   370.65     1.00
## City*      6 1000   487.32   279.31  485.50   487.51   356.57     1.00
## gender     7 1000     0.48     0.50    0.00     0.48     0.00     0.00
## Country*   8 1000   116.41    69.94  114.50   115.82    89.70     1.00
## year*      9 1000     1.00     0.00    1.00     1.00     0.00     1.00
## month*    10 1000     3.82     1.93    4.00     3.77     2.97     1.00
## day*      11 1000    15.48     8.73   15.00    15.42    10.38     1.00
## clicked   12 1000     0.50     0.50    0.50     0.50     0.74     0.00
##               max    range  skew kurtosis       se
## time        91.43    58.83 -0.37    -1.10     0.50
## Age         61.00    42.00  0.48    -0.41     0.28
## income   79484.80 65488.30 -0.65    -0.11   424.21
## usage      269.96   165.18 -0.03    -1.28     1.39
## topic*    1000.00   999.00  0.00    -1.20     9.13
## City*      969.00   968.00  0.00    -1.19     8.83
## gender       1.00     1.00  0.08    -2.00     0.02
## Country*   237.00   236.00  0.08    -1.23     2.21
## year*        1.00     0.00   NaN      NaN     0.00
## month*       7.00     6.00  0.09    -1.19     0.06
## day*        31.00    30.00  0.04    -1.17     0.28
## clicked      1.00     1.00  0.00    -2.00     0.02
```

```
#statistical measures of dispersion by grouped by gender followed by city
# Summarize function in the FSA package reports the five-number #summary,descriptive statistics for gro
library(FSA)
Summarize(time~ gender + City,
          data=advertising2)
```

```
##    gender              City n    mean     sd   min       Q1  median
## 1       0          Adamsbury 1  40.190    NA 40.19  40.1900  40.190
## 2       1          Adamside 1  45.820    NA 45.82  45.8200  45.820
## 3       0         Adamsstad 1  81.050    NA 81.05  81.0500  81.050
## 4       1          Alanview 1  83.260    NA 83.26  83.2600  83.260
## 5       0     Alexanderfurt 1  46.370    NA 46.37  46.3700  46.370
## 6       1     Alexanderview 1  53.380    NA 53.38  53.3800  53.380
## 7       1     Alexandrafort 1  85.370    NA 85.37  85.3700  85.370
## 8       0        Alexisland 1  74.540    NA 74.54  74.5400  74.540
## 9       0        Aliciatown 1  84.730    NA 84.73  84.7300  84.730
## 10      0      Alvaradoport 1  39.340    NA 39.34  39.3400  39.340
## 11      0       Alvarezland 1  35.660    NA 35.66  35.6600  35.660
## 12      0         Amandafort 1  59.360    NA 59.36  59.3600  59.360
## 13      0       Amandahaven 1  62.310    NA 62.31  62.3100  62.310
## 14      1        Amandaland 1  59.520    NA 59.52  59.5200  59.520
## 15      0            Amyfurt 1  82.700    NA 82.70  82.7000  82.700
## 16      1           Amyhaven 1  80.490    NA 80.49  80.4900  80.490
## 17      0     Andersonchester 1 41.730    NA 41.73  41.7300  41.730
## 18      1       Andersonfurt 1  64.670    NA 64.67  64.6700  64.670
## 19      0         Andersonton 1  71.000    NA 71.00  71.0000  71.000
## 20      0      Andrewborough 1  46.040    NA 46.04  46.0400  46.040
```

```
## 21             1         Andrewmouth 1 74.270        NA 74.27 74.2700 74.270
## 22             1         Angelhaven 1 79.890         NA 79.89 79.8900 79.890
## 23             0         Anthonyfurt 1 67.760        NA 67.76 67.7600 67.760
## 24             1        Ashleychester 1 75.800       NA 75.80 75.8000 75.800
## 25             0         Ashleymouth 1 66.030        NA 66.03 66.0300 66.030
## 26             0        Austinborough 1 69.860       NA 69.86 69.8600 69.860
## 27             0          Austinland 1 72.800        NA 72.80 72.8000 72.800
## 28             1          Bakerhaven 1 76.240        NA 76.24 76.2400 76.240
## 29             0         Barbershire 1 75.710        NA 75.71 75.7100 75.710
## 30             0             Beckton 1 71.400        NA 71.40 71.4000 71.400
## 31             0       Benjaminchester 1 70.410      NA 70.41 70.4100 70.410
## 32             1       Benjaminchester 1 79.710      NA 79.71 79.7100 79.710
## 33             1          Bernardton 1 46.310        NA 46.31 46.3100 46.310
## 34             1           Bethburgh 1 47.510        NA 47.51 47.5100 47.510
## 35             0           Birdshire 1 69.740        NA 69.74 69.7400 69.740
## 36             1        Blairborough 1 45.480        NA 45.48 45.4800 45.480
## 37             0          Blairville 1 87.160        NA 87.16 87.1600 87.160
## 38             1         Blevinstown 1 47.230        NA 47.23 47.2300 47.230
## 39             0           Bowenview 1 81.380        NA 81.38 81.3800 81.380
## 40             1           Boyerberg 1 43.970        NA 43.97 43.9700 43.970
## 41             1       Bradleyborough 1 70.030       NA 70.03 70.0300 70.030
## 42             0         Bradleyburgh 1 35.330       NA 35.33 35.3300 35.330
## 43             0          Bradleyside 1 56.930       NA 56.93 56.9300 56.930
## 44             0      Bradshawborough 1 66.490       NA 66.49 66.4900 66.490
## 45             1            Bradyfurt 1 61.570       NA 61.57 61.5700 61.570
## 46             1          Brandiland 1 57.820        NA 57.82 57.8200 57.820
## 47             0          Brandonbury 1 65.150       NA 65.15 65.1500 65.150
## 48             0          Brandonstad 1 88.910       NA 88.91 88.9100 88.910
## 49             0          Brandymouth 1 65.590       NA 65.59 65.5900 65.590
## 50             1          Brendaburgh 1 76.420       NA 76.42 76.4200 76.420
## 51             0        Brendachester 1 41.820       NA 41.82 41.8200 41.820
## 52             1           Brianabury 1 75.650       NA 75.65 75.6500 75.650
## 53             0            Brianfurt 1 80.310       NA 80.31 80.3100 80.310
## 54             1           Brianland 1 46.430        NA 46.43 46.4300 46.430
## 55             0       Brittanyborough 1 67.590      NA 67.59 67.5900 67.590
## 56             1           Brownbury 1 84.810        NA 84.81 84.8100 84.810
## 57             1           Brownport 1 46.080        NA 46.08 46.0800 46.080
## 58             0            Brownton 1 56.990        NA 56.99 56.9900 56.990
## 59             0           Browntown 1 45.110        NA 45.11 45.1100 45.110
## 60             0           Brownview 1 84.530        NA 84.53 84.5300 84.530
## 61             0          Bruceburgh 1 72.440        NA 72.44 72.4400 72.440
## 62             0         Burgessside 1 72.230        NA 72.23 72.2300 72.230
## 63             0           Butlerfort 1 43.010       NA 43.01 43.0100 43.010
## 64             0           Calebberg 1 76.590        NA 76.59 76.5900 76.590
## 65             1         Cameronberg 1 37.580        NA 37.58 37.5800 37.580
## 66             1        Campbellstad 1 75.940        NA 75.94 75.9400 75.940
## 67             0           Cannonbury 1 88.850       NA 88.85 88.8500 88.850
## 68             1         Carsonshire 1 87.350        NA 87.35 87.3500 87.350
## 69             1          Carterburgh 1 84.080       NA 84.08 84.0800 84.080
## 70             0          Carterland 1 49.210        NA 49.21 49.2100 49.210
## 71             0           Carterport 1 69.420       NA 69.42 69.4200 69.420
## 72             0           Carterton 1 80.460        NA 80.46 80.4600 80.460
## 73             0         Cassandratown 1 66.040      NA 66.04 66.0400 66.040
## 74             0         Catherinefort 1 46.610      NA 46.61 46.6100 46.610
```

```
## 75     0              Cervantesshire 1 72.460        NA 72.46 72.4600 72.460
## 76     1                  Chapmanland 1 78.580        NA 78.58 78.5800 78.580
## 77     0                 Chapmanmouth 1 38.630        NA 38.63 38.6300 38.630
## 78     0                  Charlenetown 1 74.870        NA 74.87 74.8700 74.870
## 79     0                  Charlesbury 1 79.670        NA 79.67 79.6700 79.670
## 80     1                   Charlesport 1 50.430        NA 50.43 50.4300 50.430
## 81     0                 Charlottefort 1 60.250        NA 60.25 60.2500 60.250
## 82     1                   Chaseshire 1 46.890        NA 46.89 46.8900 46.890
## 83     0                   Chrismouth 1 55.460        NA 55.46 55.4600 55.460
## 84     1              Christinehaven 1 44.460        NA 44.46 44.4600 44.460
## 85     0               Christinetown 1 80.030        NA 80.03 80.0300 80.030
## 86     0          Christopherchester 1 68.410        NA 68.41 68.4100 68.410
## 87     0              Christopherport 1 69.900        NA 69.90 69.9000 69.900
## 88     1             Christopherville 1 80.510        NA 80.51 80.5100 80.510
## 89     0                 Clarkborough 1 40.340        NA 40.34 40.3400 40.340
## 90     1                  Claytonside 1 85.350        NA 85.35 85.3500 85.350
## 91     1                   Clineshire 1 65.800        NA 65.80 65.8000 65.800
## 92     0                    Codyburgh 1 44.640        NA 44.64 44.6400 44.640
## 93     1                   Coffeytown 1 65.530        NA 65.53 65.5300 65.530
## 94     1                     Colebury 1 63.800        NA 63.80 63.8000 63.800
## 95     0                 Colemanshire 1 86.530        NA 86.53 86.5300 86.530
## 96     0                 Collinsburgh 1 80.870        NA 80.87 80.8700 80.870
## 97     0                   Combsstad 1 60.530        NA 60.53 60.5300 60.530
## 98     1                Contrerasshire 1 65.770        NA 65.77 65.7700 65.770
## 99     1                   Costaburgh 1 71.830        NA 71.83 71.8300 71.830
## 100    1                 Courtneyfort 1 53.330        NA 53.33 53.3300 53.330
## 101    1                     Coxhaven 1 77.750        NA 77.75 77.7500 77.750
## 102    1                    Cranemouth 1 82.730        NA 82.73 82.7300 82.730
## 103    1                 Crawfordfurt 1 39.470        NA 39.47 39.4700 39.470
## 104    1             Cunninghamhaven 1 42.830        NA 42.83 42.8300 42.830
## 105    0                   Curtisport 1 34.660        NA 34.66 34.6600 34.660
## 106    1                   Curtisview 1 72.190        NA 72.19 72.1900 72.190
## 107    0                  Cynthiaside 1 69.970        NA 69.97 69.9700 69.970
## 108    0                   Daisymouth 1 81.320        NA 81.32 81.3200 81.320
## 109    0                   Danielview 1 46.610        NA 46.61 46.6100 46.610
## 110    0                   Davidmouth 1 46.130        NA 46.13 46.1300 46.130
## 111    1                    Davidside 1 36.080        NA 36.08 36.0800 36.080
## 112    0                    Davidstad 1 63.040        NA 63.04 63.0400 63.040
## 113    0                     Davidton 1 69.470        NA 69.47 69.4700 69.470
## 114    1                    Davidview 1 37.650        NA 37.65 37.6500 37.650
## 115    1                Daviesborough 1 67.710        NA 67.71 67.7100 67.710
## 116    0                  Davieshaven 1 82.300        NA 82.30 82.3000 82.300
## 117    0                Davilachester 1 34.870        NA 34.87 34.8700 34.870
## 118    0                    Davisfurt 1 50.520        NA 50.52 50.5200 50.520
## 119    1                        Dayton 1 81.170        NA 81.17 81.1700 81.170
## 120    0                  Deannaville 1 78.240        NA 78.24 78.2400 78.240
## 121    1                  Debraburgh 1 37.510        NA 37.51 37.5100 37.510
## 122    0                  Derrickhaven 1 80.910        NA 80.91 80.9100 80.910
## 123    0                  Destinyfurt 1 77.800        NA 77.80 77.8000 77.800
## 124    0                    Dianashire 1 74.410        NA 74.41 74.4100 74.410
## 125    0                   Dianaville 1 50.480        NA 50.48 50.4800 50.480
## 126    1                  Donaldshire 1 78.010        NA 78.01 78.0100 78.010
## 127    1                  Douglasview 1 84.530        NA 84.53 84.5300 84.530
## 128    1                    Duffystad 1 72.970        NA 72.97 72.9700 72.970
```

```
## 129       1          Dustinborough 1 73.890         NA 73.89 73.8900 73.890
## 130       1          Dustinchester 1 71.280         NA 71.28 71.2800 71.280
## 131       1            Dustinmouth 1 43.880         NA 43.88 43.8800 43.880
## 132       0              East Aaron 1 79.530         NA 79.53 79.5300 79.530
## 133       0            East Anthony 1 51.380         NA 51.38 51.3800 51.380
## 134       1            East Barbara 1 39.960         NA 39.96 39.9600 39.960
## 135       0      East Benjaminville 1 70.090         NA 70.09 70.0900 70.090
## 136       0      East Breannafurt 1 80.300         NA 80.30 80.3000 80.300
## 137       0           East Brettton 1 40.010         NA 40.01 40.0100 40.010
## 138       0          East Brianberg 1 75.830         NA 75.83 75.8300 75.830
## 139       0     East Brittanyville 1 35.340         NA 35.34 35.3400 35.340
## 140       0            East Carlos 1 74.580         NA 74.58 74.5800 74.580
## 141       1       East Christopher 1 74.610         NA 74.61 74.6100 74.610
## 142       0  East Christopherbury 1 80.710         NA 80.71 80.7100 80.710
## 143       1            East Connie 1 81.950         NA 81.95 81.9500 81.950
## 144       1              East Dana 1 82.120         NA 82.12 82.1200 82.120
## 145       1     East Deborahhaven 1 88.890         NA 88.89 88.8900 88.890
## 146       0     East Debraborough 1 83.660         NA 83.66 83.6600 83.660
## 147       1              East Donna 1 63.260         NA 63.26 63.2600 63.260
## 148       1        East Donnatown 1 87.160         NA 87.16 87.1600 87.160
## 149       0               East Eric 1 63.360         NA 63.36 63.3600 63.360
## 150       1          East Ericport 1 43.070         NA 43.07 43.0700 43.070
## 151       1        East Georgeside 1 56.200         NA 56.20 56.2000 56.200
## 152       1         East Graceland 1 74.380         NA 74.38 74.3800 74.380
## 153       0       East Heatherside 1 57.200         NA 57.20 57.2000 57.200
## 154       0              East Heidi 1 67.350         NA 67.35 67.3500 67.350
## 155       1              East Henry 1 78.570         NA 78.57 78.5700 78.570
## 156       0              East Jason 1 78.960         NA 78.96 78.9600 78.960
## 157       1          East Jennifer 1 80.470         NA 80.47 80.4700 80.470
## 158       0         East Jessefort 1 47.900         NA 47.90 47.9000 47.900
## 159       0               East John 1 38.370         NA 38.37 38.3700 38.370
## 160       1               East John 1 88.720         NA 88.72 88.7200 88.720
## 161       0          East Johnport 1 88.820         NA 88.82 88.8200 88.820
## 162       1         East Kevinbury 1 61.090         NA 61.09 61.0900 61.090
## 163       1            East Lindsey 1 48.030         NA 48.03 48.0300 48.030
## 164       1           East Maureen 1 58.950         NA 58.95 58.9500 58.950
## 165       0      East Michaelland 1 75.800         NA 75.80 75.8000 75.800
## 166       1     East Michaelmouth 1 38.460         NA 38.46 38.4600 38.460
## 167       1       East Michaeltown 1 76.320         NA 76.32 76.3200 76.320
## 168       1          East Michele 1 49.890         NA 49.89 49.8900 49.890
## 169       0    East Michelleberg 1 46.980         NA 46.98 46.9800 46.980
## 170       0               East Mike 1 75.030         NA 75.03 75.0300 75.030
## 171       1               East Paul 1 76.810         NA 76.81 76.8100 76.810
## 172       1      East Rachaelfurt 1 62.060         NA 62.06 62.0600 62.060
## 173       0       East Rachelview 1 41.280         NA 41.28 41.2800 41.280
## 174       1            East Ronald 1 67.850         NA 67.85 67.8500 67.850
## 175       1   East Samanthashire 1 33.330         NA 33.33 33.3300 33.330
## 176       0            East Sharon 1 39.860         NA 39.86 39.8600 39.860
## 177       1              East Shawn 1 55.770         NA 55.77 55.7700 55.770
## 178       1     East Shawnchester 1 78.110         NA 78.11 78.1100 78.110
## 179       0        East Sheriville 1 81.580         NA 81.58 81.5800 81.580
## 180       0            East Stephen 1 39.850         NA 39.85 39.8500 39.850
## 181       1         East Susanland 1 79.360         NA 79.36 79.3600 79.360
## 182       1             East Tammie 1 55.350         NA 55.35 55.3500 55.350
```

```
## 183     1          East Theresashire 1 83.070        NA 83.07 83.0700 83.070
## 184     0          East Tiffanyport 1 64.100         NA 64.10 64.1000 64.100
## 185     0          East Timothy 1 74.650             NA 74.65 74.6500 74.650
## 186     1          East Timothy 1 79.160             NA 79.16 79.1600 79.160
## 187     1          East Timothyport 1 79.520         NA 79.52 79.5200 79.520
## 188     1          East Toddfort 1 83.420            NA 83.42 83.4200 83.420
## 189     0          East Troyhaven 1 77.350           NA 77.35 77.3500 77.350
## 190     0          East Tylershire 1 68.940          NA 68.94 68.9400 68.940
## 191     1          East Valerie 1 78.760             NA 78.76 78.7600 78.760
## 192     0          East Vincentstad 1 51.500         NA 51.50 51.5000 51.500
## 193     0          East Yvonnechester 1 36.310       NA 36.31 36.3100 36.310
## 194     1          Edwardmouth 1 64.510              NA 64.51 64.5100 64.510
## 195     1          Edwardsmouth 1 64.200             NA 64.20 64.2000 64.200
## 196     0          Edwardsport 1 61.760              NA 61.76 61.7600 61.760
## 197     1          Elizabethbury 1 48.860            NA 48.86 48.8600 48.860
## 198     1          Elizabethmouth 1 83.550           NA 83.55 83.5500 83.550
## 199     1          Elizabethport 1 34.040            NA 34.04 34.0400 34.040
## 200     0          Elizabethstad 1 32.910            NA 32.91 32.9100 32.910
## 201     1          Emilyfurt 1 84.690                NA 84.69 84.6900 84.690
## 202     0          Ericksonmouth 1 71.230            NA 71.23 71.2300 71.230
## 203     0          Erikville 1 81.580                NA 81.58 81.5800 81.580
## 204     1          Erinmouth 1 73.040                NA 73.04 73.0400 73.040
## 205     0          Erinton 1 42.390                  NA 42.39 42.3900 42.390
## 206     0          Estesfurt 1 57.860                NA 57.86 57.8600 57.860
## 207     0          Estradafurt 1 82.370              NA 82.37 82.3700 82.370
## 208     0          Estradashire 1 44.330             NA 44.33 44.3300 44.330
## 209     0          Evansfurt 1 85.010                NA 85.01 85.0100 85.010
## 210     1          Evansville 1 59.640               NA 59.64 59.6400 59.640
## 211     0          Faithview 1 76.840                NA 76.84 76.8400 76.840
## 212     0          Florestown 1 59.700               NA 59.70 59.7000 59.700
## 213     0          Fosterside 1 45.080               NA 45.08 45.0800 45.080
## 214     0          Frankbury 1 66.180                NA 66.18 66.1800 66.180
## 215     1          Frankchester 1 81.250             NA 81.25 81.2500 81.250
## 216     1          Frankport 1 43.630                NA 43.63 43.6300 43.630
## 217     0          Fraziershire 1 40.470             NA 40.47 40.4700 40.470
## 218     0          Garciamouth 1 56.010              NA 56.01 56.0100 56.010
## 219     0          Garciaside 1 65.190               NA 65.19 65.1900 65.190
## 220     0          Garciatown 1 81.900               NA 81.90 81.9000 81.900
## 221     0          Garciaview 1 60.940               NA 60.94 60.9400 60.940
## 222     0          Garnerberg 1 79.810               NA 79.81 79.8100 79.810
## 223     1          Garrettborough 1 60.750           NA 60.75 60.7500 60.750
## 224     1          Garychester 1 83.970              NA 83.97 83.9700 83.970
## 225     1          Gilbertville 1 85.540             NA 85.54 85.5400 85.540
## 226     0          Gomezport 1 78.770                NA 78.77 78.7700 78.770
## 227     1          Gonzalezburgh 1 78.840            NA 78.84 78.8400 78.840
## 228     1          Grahamberg 1 52.700               NA 52.70 52.7000 52.700
## 229     0          Gravesport 1 81.610               NA 81.61 81.6100 81.610
## 230     0          Greenechester 1 84.710            NA 84.71 84.7100 84.710
## 231     0          Greentown 1 76.560                NA 76.56 76.5600 76.560
## 232     0          Greerport 1 43.830                NA 43.83 43.8300 43.830
## 233     1          Greerton 1 72.030                 NA 72.03 72.0300 72.030
## 234     1          Greghaven 1 77.600                NA 77.60 77.6000 77.600
## 235     0          Guzmanland 1 43.490               NA 43.49 43.4900 43.490
## 236     0          Haleberg 1 83.910                 NA 83.91 83.9100 83.910
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## 237   1              Haleview 1 73.270        NA 73.27 73.2700 73.270
## 238   0              Hallfort 1 77.050        NA 77.05 77.0500 77.050
## 239   1           Hamiltonfort 1 44.330       NA 44.33 44.3300 44.330
## 240   0            Hammondport 1 71.740       NA 71.74 71.7400 71.740
## 241   1             Hannahside 1 70.040       NA 70.04 70.0400 70.040
## 242   0             Hannaport 1 49.840        NA 49.84 49.8400 49.840
## 243   0             Hansenland 1 63.180       NA 63.18 63.1800 63.180
## 244   0            Hansenmouth 1 66.010       NA 66.01 66.0100 66.010
## 245   1           Harmonhaven 1 78.410        NA 78.41 78.4100 78.410
## 246   0          Harperborough 1 41.390       NA 41.39 41.3900 41.390
## 247   0            Harrishaven 1 84.880       NA 84.88 84.8800 84.880
## 248   1          Harrisonmouth 1 85.240       NA 85.24 85.2400 85.240
## 249   0          Hartmanchester 1 41.890      NA 41.89 41.8900 41.890
## 250   0              Hartport 1 65.900        NA 65.90 65.9000 65.900
## 251   0            Harveyport 1 76.770        NA 76.77 76.7700 76.770
## 252   1          Hatfieldshire 1 77.470       NA 77.47 77.4700 77.470
## 253   1           Hawkinsbury 1 41.860        NA 41.86 41.8600 41.860
## 254   0            Hayesmouth 1 75.840        NA 75.84 75.8400 75.840
## 255   0            Heatherberg 1 49.780       NA 49.78 49.7800 49.780
## 256   0           Helenborough 1 51.560       NA 51.56 51.5600 51.560
## 257   1           Hendrixmouth 1 41.160       NA 41.16 41.1600 41.160
## 258   1             Henryfort 1 86.580        NA 86.58 86.5800 86.580
## 259   1             Henryland 1 47.740        NA 47.74 47.7400 47.740
## 260   1       Hernandezchester 1 79.090       NA 79.09 79.0900 79.090
## 261   0          Hernandezfort 1 72.040       NA 72.04 72.0400 72.040
## 262   1          Hernandezside 1 55.040       NA 55.04 55.0400 55.040
## 263   0         Hernandezville 1 41.490       NA 41.49 41.4900 41.490
## 264   1              Hessstad 1 79.360        NA 79.36 79.3600 79.360
## 265   1            Hintonport 1 41.350        NA 41.35 41.3500 41.350
## 266   0             Hobbsbury 1 52.840        NA 52.84 52.8400 52.840
## 267   0            Holderville 1 54.470       NA 54.47 54.4700 54.470
## 268   1            Hollandberg 1 73.180       NA 73.18 73.1800 73.180
## 269   1             Hollyfurt 1 73.410        NA 73.41 73.4100 73.410
## 270   1           Hubbardmouth 1 67.910       NA 67.91 67.9100 67.910
## 271   0         Huffmanchester 1 35.980       NA 35.98 35.9800 35.980
## 272   0            Hughesport 1 47.530        NA 47.53 47.5300 47.530
## 273   0          Hurleyborough 1 88.120       NA 88.12 88.1200 88.120
## 274   1              Ianmouth 1 69.350        NA 69.35 69.3500 69.350
## 275   1             Ingramberg 1 67.580       NA 67.58 67.5800 67.580
## 276   1           Isaacborough 1 64.630       NA 64.63 64.6300 64.630
## 277   1           Jacksonburgh 1 44.490       NA 44.49 44.4900 44.490
## 278   0           Jacksonmouth 1 84.290       NA 84.29 84.2900 84.290
## 279   1            Jacksonstad 1 46.280       NA 46.28 46.2800 46.280
## 280   0             Jacobstad 1 60.720        NA 60.72 60.7200 60.720
## 281   1       Jacquelineshire 1 49.420        NA 49.42 49.4200 49.420
## 282   0             Jamesberg 1 80.470        NA 80.47 80.4700 80.470
## 283   0             Jamesfurt 1 78.320        NA 78.32 78.3200 78.320
## 284   0            Jamesmouth 1 42.060        NA 42.06 42.0600 42.060
## 285   0            Jamesville 1 80.670        NA 80.67 80.6700 80.670
## 286   1             Jamieberg 1 59.990        NA 59.99 59.9900 59.990
## 287   1             Jamiefort 1 75.150        NA 75.15 75.1500 75.150
## 288   1            Janiceview 1 77.140        NA 77.14 77.1400 77.140
## 289   1            Jasminefort 1 62.420       NA 62.42 62.4200 62.420
## 290   1              Jayville 1 79.820        NA 79.82 79.8200 79.820
```

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## 291      1           Jeffreyburgh 1 34.780         NA 34.78 34.7800 34.780
## 292      0           Jeffreymouth 1 57.510         NA 57.51 57.5100 57.510
## 293      0           Jeffreyshire 1 73.100         NA 73.10 73.1000 73.100
## 294      1         Jenniferhaven 1 49.840          NA 49.84 49.8400 49.840
## 295      1          Jenniferstad 1 71.050          NA 71.05 71.0500 71.050
## 296      0         Jensenborough 1 63.890          NA 63.89 63.8900 63.890
## 297      0             Jensenton 1 41.700          NA 41.70 41.7000 41.700
## 298      1            Jeremybury 1 39.360          NA 39.36 39.3600 39.360
## 299      1           Jeremyshire 1 76.560          NA 76.56 76.5600 76.560
## 300      0           Jessicahaven 1 33.520         NA 33.52 33.5200 33.520
## 301      1          Jessicashire 1 52.350          NA 52.35 52.3500 52.350
## 302      1           Jessicastad 1 54.700          NA 54.70 54.7000 54.700
## 303      1             Joanntown 1 78.760          NA 78.76 78.7600 78.760
## 304      1            Joechester 1 40.150          NA 40.15 40.1500 40.150
## 305      0              Johnport 1 85.400          NA 85.40 85.4000 85.400
## 306      0           Johnsonfort 1 70.130          NA 70.13 70.1300 70.130
## 307      0           Johnsontown 1 51.580          NA 51.58 51.5800 51.580
## 308      1           Johnsonview 1 62.120          NA 62.12 62.1200 62.120
## 309      0             Johnsport 1 49.580          NA 49.58 49.5800 49.580
## 310      0               Johnstad 2 79.195 7.3185552 74.02 76.6075 79.195
## 311      0         Johnstonmouth 1 66.770          NA 66.77 66.7700 66.770
## 312      1         Johnstonshire 1 75.190          NA 75.19 75.1900 75.190
## 313      0          Jonathanland 1 39.300          NA 39.30 39.3000 39.300
## 314      1          Jonathantown 1 37.000          NA 37.00 37.0000 37.000
## 315      1             Jonesland 1 85.840          NA 85.84 85.8400 85.840
## 316      1            Jonesmouth 1 72.820          NA 72.82 72.8200 72.820
## 317      0            Jonesshire 1 46.840          NA 46.84 46.8400 46.840
## 318      1               Joneston 2 59.320 20.8596500 44.57 51.9450 59.320
## 319      1           Jordanmouth 1 89.000          NA 89.00 89.0000 89.000
## 320      1          Jordanshire 1 43.630          NA 43.63 43.6300 43.630
## 321      1           Jordantown 1 55.200          NA 55.20 55.2000 55.200
## 322      0            Josephberg 1 67.390          NA 67.39 67.3900 67.390
## 323      0           Josephmouth 1 71.330          NA 71.33 71.3300 71.330
## 324      0            Josephstad 1 39.860          NA 39.86 39.8600 39.860
## 325      1           Joshuaburgh 1 86.810          NA 86.81 86.8100 86.810
## 326      0           Joshuamouth 1 91.150          NA 91.15 91.1500 91.150
## 327      1             Juanport 1 81.560          NA 81.56 81.5600 81.560
## 328      0             Juliaport 1 80.720          NA 80.72 80.7200 80.720
## 329      0             Julietown 1 53.540          NA 53.54 53.5400 53.540
## 330      0           Karenmouth 1 82.950          NA 82.95 82.9500 82.950
## 331      0              Karenton 1 76.200          NA 76.20 76.2000 76.200
## 332      0             Katieport 1 51.680          NA 51.68 51.6800 51.680
## 333      1            Kaylashire 1 68.010          NA 68.01 68.0100 68.010
## 334      0             Keithtown 1 71.030          NA 71.03 71.0300 71.030
## 335      0             Kellytown 1 65.820          NA 65.82 65.8200 65.820
## 336      1           Kennedyfurt 1 77.500          NA 77.50 77.5000 77.500
## 337      0           Kennethview 1 73.880          NA 73.88 73.8800 73.880
## 338      0             Kentmouth 1 71.860          NA 71.86 71.8600 71.860
## 339      0             Kevinberg 1 51.870          NA 51.87 51.8700 51.870
## 340      1          Kevinchester 1 81.750          NA 81.75 81.7500 81.750
## 341      0         Kimberlyhaven 1 69.080          NA 69.08 69.0800 69.080
## 342      0         Kimberlymouth 1 65.720          NA 65.72 65.7200 65.720
## 343      0          Kimberlytown 1 90.970          NA 90.97 90.9700 90.970
## 344      1           Kingchester 1 39.960          NA 39.96 39.9600 39.960
```

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## 345   0                Kingshire 1 81.510    NA 81.51 81.5100 81.510
## 346   1                Klineside 1 66.080    NA 66.08 66.0800 66.080
## 347   1               Knappburgh 1 74.840    NA 74.84 74.8400 74.840
## 348   1              Kristineberg 1 78.360    NA 78.36 78.3600 78.360
## 349   1               Kristinfurt 1 59.050    NA 59.05 59.0500 59.050
## 350   0               Kristintown 1 63.880    NA 63.88 63.8800 63.880
## 351   1               Kyleborough 1 43.770    NA 43.77 43.7700 43.770
## 352   1                Kylieview 1 76.760    NA 76.76 76.7600 76.760
## 353   0              Lake Adrian 1 74.490    NA 74.49 74.4900 74.490
## 354   0           Lake Allenville 1 50.520    NA 50.52 50.5200 50.520
## 355   1              Lake Amanda 1 53.920    NA 53.92 53.9200 53.920
## 356   0                 Lake Amy 1 85.610    NA 85.61 85.6100 85.610
## 357   1              Lake Angela 1 75.320    NA 75.32 75.3200 75.320
## 358   1           Lake Annashire 1 85.840    NA 85.84 85.8400 85.840
## 359   1           Lake Beckyburgh 1 59.210    NA 59.21 59.2100 59.210
## 360   0          Lake Brandonview 1 66.800    NA 66.80 66.8000 66.800
## 361   0               Lake Brian 1 84.950    NA 84.95 84.9500 84.950
## 362   1       Lake Cassandraport 1 37.680    NA 37.68 37.6800 37.680
## 363   0       Lake Charlottestad 1 49.350    NA 49.35 49.3500 49.350
## 364   0     Lake Christopherfurt 1 56.640    NA 56.64 56.6400 56.640
## 365   0           Lake Conniefurt 1 55.130    NA 55.13 55.1300 55.130
## 366   0            Lake Courtney 1 80.590    NA 80.59 80.5900 80.590
## 367   1            Lake Craigview 1 70.660    NA 70.66 70.6600 70.660
## 368   0             Lake Cynthia 1 89.210    NA 89.21 89.2100 89.210
## 369   0            Lake Danielle 1 79.180    NA 79.18 79.1800 79.180
## 370   0               Lake David 1 70.580    NA 70.58 70.5800 70.580
## 371   1               Lake David 1 44.110    NA 44.11 44.1100 44.110
## 372   0        Lake Deannaborough 1 79.600    NA 79.60 79.6000 79.600
## 373   1         Lake Deborahburgh 1 88.040    NA 88.04 88.0400 88.040
## 374   0              Lake Dustin 1 57.760    NA 57.76 57.7600 57.760
## 375   1              Lake Edward 1 56.140    NA 56.14 56.1400 56.140
## 376   1        Lake Elizabethside 1 78.600    NA 78.60 78.6000 78.600
## 377   0             Lake Evantown 1 63.300    NA 63.30 63.3000 63.300
## 378   0               Lake Faith 1 67.510    NA 67.51 67.5100 67.510
## 379   1              Lake Gerald 1 74.590    NA 74.59 74.5900 74.590
## 380   0              Lake Hailey 1 54.350    NA 54.35 54.3500 54.350
## 381   0                 Lake Ian 1 42.600    NA 42.60 42.6000 42.600
## 382   0               Lake Jacob 1 77.440    NA 77.44 77.4400 77.440
## 383   1           Lake Jacqueline 1 81.370    NA 81.37 81.3700 81.370
## 384   0               Lake James 1 37.740    NA 37.74 37.7400 37.740
## 385   1               Lake James 1 55.710    NA 55.71 55.7100 55.710
## 386   0        Lake Jasonchester 1 67.690    NA 67.69 67.6900 67.690
## 387   1            Lake Jennifer 1 53.440    NA 53.44 53.4400 53.440
## 388   1          Lake Jenniferton 1 68.680    NA 68.68 68.6800 68.680
## 389   0             Lake Jessica 1 88.970    NA 88.97 88.9700 88.970
## 390   1         Lake Jessicaville 1 73.210    NA 73.21 73.2100 73.210
## 391   0               Lake Jesus 1 56.660    NA 56.66 56.6600 56.660
## 392   1            Lake Jillville 1 84.590    NA 84.59 84.5900 84.590
## 393   1                Lake John 1 56.640    NA 56.64 56.6400 56.640
## 394   1            Lake Johnbury 1 84.290    NA 84.29 84.2900 84.290
## 395   1        Lake Jonathanview 1 57.110    NA 57.11 57.1100 57.110
## 396   0                Lake Jose 1 81.750    NA 81.75 81.7500 81.750
## 397   1                Lake Jose 1 70.920    NA 70.92 70.9200 70.920
## 398   0              Lake Joseph 1 90.750    NA 90.75 90.7500 90.750
```

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## 399   0              Lake Josetown 1 83.860         NA 83.86 83.8600 83.860
## 400   1            Lake Joshuafurt 1 43.570         NA 43.57 43.5700 43.570
## 401   0                 Lake Kevin 1 87.230         NA 87.23 87.2300 87.230
## 402   0             Lake Kurtmouth 1 74.620         NA 74.62 74.6200 74.620
## 403   0                  Lake Lisa 1 74.180         NA 74.18 74.1800 74.180
## 404   0               Lake Matthew 1 54.370         NA 54.37 54.3700 54.370
## 405   0           Lake Matthewland 1 73.930         NA 73.93 73.9300 73.930
## 406   1          Lake Melindamouth 1 86.410         NA 86.41 86.4100 86.410
## 407   0               Lake Michael 1 81.290         NA 81.29 81.2900 81.290
## 408   0           Lake Michaelport 1 78.670         NA 78.67 78.6700 78.670
## 409   1              Lake Michelle 1 55.740         NA 55.74 55.7400 55.740
## 410   1         Lake Michellebury 1 42.840         NA 42.84 42.8400 42.840
## 411   1                Lake Nicole 1 84.590         NA 84.59 84.5900 84.590
## 412   1               Lake Patrick 2 77.775  6.5407377 73.15 75.4625 77.775
## 413   1           Lake Rhondaburgh 1 42.510         NA 42.51 42.5100 42.510
## 414   0       Lake Stephenborough 1 50.190         NA 50.19 50.1900 50.190
## 415   1                 Lake Susan 2 59.895 23.0587521 43.59 51.7425 59.895
## 416   1               Lake Timothy 1 76.210         NA 76.21 76.2100 76.210
## 417   0                 Lake Tracy 1 40.180         NA 40.18 40.1800 40.180
## 418   0               Lake Vanessa 1 41.840         NA 41.84 41.8400 41.840
## 419   1          Lake Zacharyfurt 1 82.790         NA 82.79 82.7900 82.790
## 420   1                 Lauraburgh 1 82.070         NA 82.07 82.0700 82.070
## 421   1                 Laurieside 1 76.270         NA 76.27 76.2700 76.270
## 422   0           Lawrenceborough 1 86.760         NA 86.76 86.7600 86.760
## 423   1               Lawsonshire 1 91.370         NA 91.37 91.3700 91.370
## 424   0                  Leahside 1 39.190         NA 39.19 39.1900 39.190
## 425   0               Leonchester 1 78.680         NA 78.68 78.6800 78.680
## 426   1                Lesliebury 1 38.520         NA 38.52 38.5200 38.520
## 427   0                Lesliefort 1 76.020         NA 76.02 76.0200 76.020
## 428   1                Lewismouth 1 38.940         NA 38.94 38.9400 38.940
## 429   1                 Lindaside 1 80.050         NA 80.05 80.0500 80.050
## 430   1              Lindsaymouth 1 66.470         NA 66.47 66.4700 66.470
## 431   0                  Lisaberg 1 79.570         NA 79.57 79.5700 79.570
## 432   1                  Lisafort 1 85.260         NA 85.26 85.2600 85.260
## 433   0                 Lisamouth 1 72.180         NA 72.18 72.1800 72.180
## 434   1                 Lisamouth 2 44.440  5.6851385 40.42 42.4300 44.440
## 435   1                 Lopezberg 1 66.990         NA 66.99 66.9900 66.990
## 436   1               Lopezmouth 1 86.190         NA 86.19 86.1900 86.190
## 437   1                  Loriville 1 38.350         NA 38.35 38.3500 38.350
## 438   0                 Lovemouth 1 43.410         NA 43.41 43.4100 43.410
## 439   1               Luischester 1 87.090         NA 87.09 87.0900 87.090
## 440   0                  Luisfurt 1 79.610         NA 79.61 79.6100 79.610
## 441   1                  Lukeport 1 73.940         NA 73.94 73.9400 73.940
## 442   0             Mackenziemouth 1 84.980         NA 84.98 84.9800 84.980
## 443   1                Marcushaven 1 72.230         NA 72.23 72.2300 72.230
## 444   1                 Mariahview 1 44.400         NA 44.40 44.4000 44.400
## 445   0                  Mariebury 1 79.970         NA 79.97 79.9700 79.970
## 446   1                 Mariemouth 1 83.890         NA 83.89 83.8900 83.890
## 447   1                  Markhaven 1 46.140         NA 46.14 46.1400 46.140
## 448   0                  Masonhaven 1 81.030         NA 81.03 81.0300 81.030
## 449   0                Masseyshire 1 32.990         NA 32.99 32.9900 32.990
## 450   1                   Mataberg 1 60.700         NA 60.70 60.7000 60.700
## 451   1                Matthewtown 1 66.260         NA 66.26 66.2600 66.260
## 452   1                Mauricefurt 1 38.960         NA 38.96 38.9600 38.960
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## 453   1              Mauriceshire 1 78.790         NA 78.79 78.7900 78.790
## 454   1              Mcdonaldfort 1 76.870         NA 76.87 76.8700 76.870
## 455   0             Mclaughlinbury 1 51.650        NA 51.65 51.6500 51.650
## 456   0                Meaganfort 1 70.610         NA 70.61 70.6100 70.610
## 457   0             Meghanchester 1 40.040         NA 40.04 40.0400 40.040
## 458   0                Melanieton 1 56.780         NA 56.78 56.7800 56.780
## 459   1            Melissachester 1 52.840         NA 52.84 52.8400 52.840
## 460   0                Melissafurt 1 77.880        NA 77.88 77.8800 77.880
## 461   1                Melissastad 1 80.990        NA 80.99 80.9900 80.990
## 462   0               Meyerchester 1 87.850        NA 87.85 87.8500 87.850
## 463   0                Meyersstad 1 69.200         NA 69.20 69.2000 69.200
## 464   0                   Mezaton 1 45.440         NA 45.44 45.4400 45.440
## 465   1              Michaelland 1 65.220          NA 65.22 65.2200 65.220
## 466   1             Michaelmouth 1 91.100          NA 91.10 91.1000 91.100
## 467   1             Michaelshire 1 63.370          NA 63.37 63.3700 63.370
## 468   1              Micheletown 1 36.980          NA 36.98 36.9800 36.980
## 469   0             Michellefort 1 39.250          NA 39.25 39.2500 39.250
## 470   0             Michelleside 1 67.560          NA 67.56 67.5600 67.560
## 471   1             Michelleside 1 63.240          NA 63.24 63.2400 63.240
## 472   0               Millerbury 1 49.950          NA 49.95 49.9500 49.950
## 473   1               Millerbury 1 56.160          NA 56.16 56.1600 56.160
## 474   0             Millerchester 1 38.930         NA 38.93 38.9300 38.930
## 475   1               Millerfort 1 83.710          NA 83.71 83.7100 83.710
## 476   0                Millerland 1 73.950         NA 73.95 73.9500 73.950
## 477   0               Millerside 1 84.450          NA 84.45 84.4500 84.450
## 478   1               Millertown 2 75.000  0.5939697 74.58 74.7900 75.000
## 479   1               Millerview 1 87.460          NA 87.46 87.4600 87.460
## 480   0                Mollyport 1 78.190          NA 78.19 78.1900 78.190
## 481   0                Monicaview 1 48.730         NA 48.73 48.7300 48.730
## 482   1                Morganfort 1 77.690         NA 77.69 77.6900 77.690
## 483   0                Morganport 1 49.130         NA 49.13 49.1300 49.130
## 484   1               Morrismouth 1 38.910         NA 38.91 38.9100 38.910
## 485   0               Mosleyburgh 1 73.490         NA 73.49 73.4900 73.490
## 486   0                Mullenside 1 76.870         NA 76.87 76.8700 76.870
## 487   0                 Munozberg 1 76.240         NA 76.24 76.2400 76.240
## 488   0               Murphymouth 1 76.900         NA 76.90 76.9000 76.900
## 489   1                Nelsonfurt 1 56.890         NA 56.89 56.8900 56.890
## 490   0               New Amanda 1 75.550          NA 75.55 75.5500 75.550
## 491   0             New Angelview 1 57.990         NA 57.99 57.9900 57.990
## 492   0               New Brandy 1 83.470          NA 83.47 83.4700 83.470
## 493   0             New Brendafurt 1 60.230        NA 60.23 60.2300 60.230
## 494   0         New Charleschester 1 49.990        NA 49.99 49.9900 49.990
## 495   0         New Christinatown 1 42.040         NA 42.04 42.0400 42.040
## 496   0              New Cynthia 1 72.550          NA 72.55 72.5500 72.550
## 497   1          New Daniellefort 1 50.600         NA 50.60 50.6000 50.600
## 498   1              New Darlene 1 51.300          NA 51.30 51.3000 51.300
## 499   0              New Dawnland 1 83.530         NA 83.53 83.5300 83.530
## 500   1            New Debbiestad 1 55.600         NA 55.60 55.6000 55.600
## 501   1            New Denisebury 1 41.180         NA 41.18 41.1800 41.180
## 502   1            New Frankshire 1 70.290         NA 70.29 70.2900 70.290
## 503   0              New Gabriel 1 79.400          NA 79.40 79.4000 79.400
## 504   0                New Henry 1 32.600          NA 32.60 32.6000 32.600
## 505   0             New Hollyberg 1 52.670         NA 52.67 52.6700 52.670
## 506   1                New James 1 62.790          NA 62.79 62.7900 62.790
```

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## 507   1          New Jamestown 1 68.250        NA 68.25 68.2500 68.250
## 508   0            New Jasmine 1 62.260        NA 62.26 62.2600 62.260
## 509   1                New Jay 1 67.800        NA 67.80 67.8000 67.800
## 510   0   New Jeffreychester 1 85.860        NA 85.86 85.8600 85.860
## 511   0      New Jessicaport 1 81.370        NA 81.37 81.3700 81.370
## 512   1      New Jessicaport 1 86.630        NA 86.63 86.6300 86.630
## 513   0         New Johnberg 1 66.180        NA 66.18 66.1800 66.180
## 514   1       New Joshuaport 1 42.320        NA 42.32 42.3200 42.320
## 515   0               New Juan 1 84.790        NA 84.79 84.7900 84.790
## 516   1       New Julianberg 1 52.170        NA 52.17 52.1700 52.170
## 517   0              New Julie 1 69.950        NA 69.95 69.9500 69.950
## 518   1       New Karenberg 1 52.560        NA 52.56 52.5600 52.560
## 519   1              New Kayla 1 69.960        NA 69.96 69.9600 69.960
## 520   0      New Keithburgh 1 32.840        NA 32.84 32.8400 32.840
## 521   0        New Lindaberg 1 62.200        NA 62.20 62.2000 62.200
## 522   0      New Lucasburgh 1 66.630        NA 66.63 66.6300 66.630
## 523   0     New Marcusbury 1 47.000        NA 47.00 47.0000 47.000
## 524   0              New Maria 1 78.150        NA 78.15 78.1500 78.150
## 525   1           New Matthew 1 52.700        NA 52.70 52.7000 52.700
## 526   1          New Michael 1 53.680        NA 53.68 53.6800 53.680
## 527   0     New Michaeltown 1 69.010        NA 69.01 69.0100 69.010
## 528   1             New Nancy 1 37.320        NA 37.32 37.3200 37.320
## 529   1            New Nathan 1 70.920        NA 70.92 70.9200 70.920
## 530   1   New Patriciashire 1 87.850        NA 87.85 87.8500 87.850
## 531   0          New Patrick 1 69.170        NA 69.17 69.1700 69.170
## 532   0              New Paul 1 87.260        NA 87.26 87.2600 87.260
## 533   1            New Rachel 1 46.130        NA 46.13 46.1300 46.130
## 534   0          New Rebecca 1 36.870        NA 36.87 36.8700 36.870
## 535   1          New Sabrina 1 36.620        NA 36.62 36.6200 36.620
## 536   1              New Sean 1 84.250        NA 84.25 84.2500 84.250
## 537   1             New Shane 1 63.430        NA 63.43 63.4300 63.430
## 538   1            New Sharon 1 69.620        NA 69.62 69.6200 69.620
## 539   1            New Sheila 2 74.725 1.4354268 73.71 74.2175 74.725
## 540   1       New Sonialand 1 70.440        NA 70.44 70.4400 70.440
## 541   1             New Steve 1 86.780        NA 86.78 86.7800 86.780
## 542   1             New Tammy 1 85.730        NA 85.73 85.7300 85.730
## 543   0     New Taylorburgh 1 68.720        NA 68.72 68.7200 68.720
## 544   1            New Teresa 1 39.530        NA 39.53 39.5300 39.530
## 545   1           New Theresa 1 43.670        NA 43.67 43.6700 43.670
## 546   1            New Thomas 1 57.640        NA 57.64 57.6400 57.640
## 547   1           New Timothy 1 35.210        NA 35.21 35.2100 35.210
## 548   0              New Tina 1 57.700        NA 57.70 57.7000 57.700
## 549   0         New Tinamouth 1 76.060        NA 76.06 76.0600 76.060
## 550   1       New Traceystad 1 74.630        NA 74.63 74.6300 74.630
## 551   1             New Travis 1 80.960        NA 80.96 80.9600 80.960
## 552   1       New Travistown 1 63.450        NA 63.45 63.4500 63.450
## 553   0              New Tyler 1 80.220        NA 80.22 80.2200 80.220
## 554   1             New Wanda 1 78.830        NA 78.83 78.8300 78.830
## 555   1   New Williammouth 1 45.700        NA 45.70 45.7000 45.700
## 556   1   New Williamville 1 68.580        NA 68.58 68.5800 68.580
## 557   0         Newmanberg 1 71.140        NA 71.14 71.1400 71.140
## 558   0        Nicholasland 1 43.700        NA 43.70 43.7000 43.700
## 559   1        Nicholasport 1 89.660        NA 89.66 89.6600 89.660
## 560   0   North Aaronburgh 1 43.650        NA 43.65 43.6500 43.650
```

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## 561   1        North Aaronchester 1 38.100        NA 38.10 38.1000 38.100
## 562   0        North Alexandra 1 73.940           NA 73.94 73.9400 73.940
## 563   0        North Anaport 1 66.170             NA 66.17 66.1700 66.170
## 564   1        North Andrew 1 59.220              NA 59.22 59.2200 59.220
## 565   1        North Andrewstad 1 62.140          NA 62.14 62.1400 62.140
## 566   0        North Angelastad 1 35.760          NA 35.76 35.7600 35.760
## 567   0        North Angelatown 1 50.870          NA 50.87 50.8700 50.870
## 568   0        North Anna 1 77.050                NA 77.05 77.0500 77.050
## 569   0        North April 1 73.890               NA 73.89 73.8900 73.890
## 570   0        North Brandon 1 82.410             NA 82.41 82.4100 82.410
## 571   0        North Brittanyburgh 1 35.490       NA 35.49 35.4900 35.490
## 572   0        North Cassie 1 63.990              NA 63.99 63.9900 63.990
## 573   1        North Charlesbury 1 79.510         NA 79.51 79.5100 79.510
## 574   1        North Christopher 1 81.670         NA 81.67 81.6700 81.670
## 575   1        North Daniel 2 78.225       2.2415285 76.64 77.4325 78.225
## 576   1        North Debra 1 79.220               NA 79.22 79.2200 79.220
## 577   0        North Debrashire 1 61.880          NA 61.88 61.8800 61.880
## 578   1        North Derekville 1 67.260          NA 67.26 67.2600 67.260
## 579   0        North Destiny 1 45.530             NA 45.53 45.5300 45.530
## 580   1        North Elizabeth 1 77.200           NA 77.20 77.2000 77.200
## 581   1        North Frankstad 1 79.830           NA 79.83 79.8300 79.830
## 582   0        North Garyhaven 1 77.310           NA 77.31 77.3100 77.310
## 583   0        North Isabellaville 1 66.140       NA 66.14 66.1400 66.140
## 584   1        North Jenniferburgh 1 44.720       NA 44.72 44.7200 44.720
## 585   1        North Jeremyport 1 66.830          NA 66.83 66.8300 66.830
## 586   1        North Jessicaville 1 36.370        NA 36.37 36.3700 36.370
## 587   1        North Johnside 1 61.870            NA 61.87 61.8700 61.870
## 588   1        North Johntown 1 35.650            NA 35.65 35.6500 35.650
## 589   1        North Jonathan 1 35.110            NA 35.11 35.1100 35.110
## 590   1        North Joshua 1 82.520              NA 82.52 82.5200 82.520
## 591   1        North Katie 1 35.790               NA 35.79 35.7900 35.790
## 592   0        North Kennethside 1 68.470         NA 68.47 68.4700 68.470
## 593   0        North Kevinside 1 74.320           NA 74.32 74.3200 74.320
## 594   0        North Kimberly 1 67.940            NA 67.94 67.9400 67.940
## 595   0        North Kristine 1 77.510            NA 77.51 77.5100 77.510
## 596   1        North Lauraland 1 44.730           NA 44.73 44.7300 44.730
## 597   0        North Laurenview 1 80.640          NA 80.64 80.6400 80.640
## 598   1        North Leonmouth 1 86.060           NA 86.06 86.0600 86.060
## 599   0        North Lisachester 1 81.590         NA 81.59 81.5900 81.590
## 600   0        North Loriburgh 1 87.300           NA 87.30 87.3000 87.300
## 601   0        North Mark 1 49.190                NA 49.19 49.1900 49.190
## 602   1        North Maryland 1 57.640            NA 57.64 57.6400 57.640
## 603   1        North Mercedes 1 67.280            NA 67.28 67.2800 67.280
## 604   0        North Michael 1 35.610             NA 35.61 35.6100 35.610
## 605   0        North Monicaville 1 82.720         NA 82.72 82.7200 82.720
## 606   1        North Randy 1 71.840               NA 71.84 71.8400 71.840
## 607   0        North Raymond 1 70.050             NA 70.05 70.0500 70.050
## 608   0        North Regina 1 78.530              NA 78.53 78.5300 78.530
## 609   0        North Ricardotown 1 43.600         NA 43.60 43.6000 43.600
## 610   1        North Richardburgh 1 59.050        NA 59.05 59.0500 59.050
## 611   1        North Ronaldshire 1 73.190         NA 73.19 73.1900 73.190
## 612   0        North Russellborough 1 58.220      NA 58.22 58.2200 58.220
## 613   0        North Samantha 1 36.910            NA 36.91 36.9100 36.910
## 614   0        North Sarashire 1 64.750           NA 64.75 64.7500 64.750
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## 615  0            North Shannon 1 85.030    NA 85.03 85.0300 85.030
## 616  0      North Stephanieberg 1 73.570    NA 73.57 73.5700 73.570
## 617  0              North Tara 1 79.520     NA 79.52 79.5200 79.520
## 618  0           North Tiffany 1 80.940     NA 80.94 80.9400 80.940
## 619  1         North Tracyport 1 84.540     NA 84.54 84.5400 84.540
## 620  1         North Tylerland 1 56.390     NA 56.39 56.3900 56.390
## 621  0          North Virginia 1 64.790     NA 64.79 64.7900 64.790
## 622  0    North Wesleychester 1 67.360      NA 67.36 67.3600 67.360
## 623  1              Novaktown 1 69.110      NA 69.11 69.1100 69.110
## 624  0              Odomville 1 79.940      NA 79.94 79.9400 79.940
## 625  1             Olsonside 1 61.820       NA 61.82 61.8200 61.820
## 626  1             Olsonstad 1 40.060       NA 40.06 40.0600 40.060
## 627  0            Palmerside 1 70.200       NA 70.20 70.2000 70.200
## 628  0           Pamelamouth 1 77.650       NA 77.65 77.6500 77.650
## 629  1           Pamelamouth 1 87.290       NA 87.29 87.2900 87.290
## 630  0           Parkerhaven 1 78.350       NA 78.35 78.3500 78.350
## 631  1         Patriciahaven 1 71.890       NA 71.89 71.8900 71.890
## 632  0          Patrickmouth 1 81.980       NA 81.98 81.9800 81.980
## 633  0           Pattymouth 1 58.210        NA 58.21 58.2100 58.210
## 634  1            Paulhaven 1 85.230        NA 85.23 85.2300 85.230
## 635  0             Paulport 1 80.390        NA 80.39 80.3900 80.390
## 636  1            Paulshire 1 77.290        NA 77.29 77.2900 77.290
## 637  0          Pearsonfort 1 78.370        NA 78.37 78.3700 78.370
## 638  0             Penatown 1 59.510        NA 59.51 59.5100 59.510
## 639  1             Perezland 1 75.000       NA 75.00 75.0000 75.000
## 640  0            Perryburgh 1 48.860       NA 48.86 48.8600 48.860
## 641  0          Petersonfurt 1 42.440       NA 42.44 42.4400 42.440
## 642  1         Phelpschester 1 67.640       NA 67.64 67.6400 67.640
## 643  1            Philipberg 1 54.080       NA 54.08 54.0800 54.080
## 644  1          Phillipsbury 1 61.880       NA 61.88 61.8800 61.880
## 645  0        Port Aliciabury 1 76.280      NA 76.28 76.2800 76.280
## 646  1      Port Angelamouth 1 77.560       NA 77.56 77.5600 77.560
## 647  0          Port Anthony 1 80.380       NA 80.38 80.3800 80.380
## 648  0        Port Aprilville 1 53.220       NA 53.22 53.2200 53.220
## 649  0             Port Beth 1 35.660        NA 35.66 35.6600 35.660
## 650  0            Port Blake 1 82.380        NA 82.38 82.3800 82.380
## 651  1           Port Brenda 1 60.230        NA 60.23 60.2300 60.230
## 652  0            Port Brian 1 49.670        NA 49.67 49.6700 49.670
## 653  1        Port Brianfort 1 87.970        NA 87.97 87.9700 87.970
## 654  0     Port Brittanyville 1 80.550       NA 80.55 80.5500 80.550
## 655  0       Port Brookeland 1 41.470        NA 41.47 41.4700 41.470
## 656  0       Port Calvintown 1 75.920        NA 75.92 75.9200 75.920
## 657  0           Port Cassie 1 55.600        NA 55.60 55.6000 55.600
## 658  1       Port Chasemouth 1 80.460        NA 80.46 80.4600 80.460
## 659  1        Port Christina 1 60.390        NA 60.39 60.3900 60.390
## 660  0    Port Christinemouth 1 80.090       NA 80.09 80.0900 80.090
## 661  1      Port Christopher 1 38.350        NA 38.35 38.3500 38.350
## 662  0 Port Christopherborough 1 72.600     NA 72.60 72.6000 72.600
## 663  0          Port Crystal 1 56.700        NA 56.70 56.7000 56.700
## 664  0           Port Daniel 1 61.720        NA 61.72 61.7200 61.720
## 665  1     Port Danielleberg 1 78.740        NA 78.74 78.7400 78.740
## 666  0        Port Davidland 1 74.060        NA 74.06 74.0600 74.060
## 667  1           Port Dennis 1 44.160        NA 44.16 44.1600 44.160
## 668  0          Port Derekberg 1 37.010      NA 37.01 37.0100 37.010
```

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## 669   0            Port Destiny 1 66.400          NA 66.40 66.4000 66.400
## 670   0  Port Douglasborough 1 55.320          NA 55.32 55.3200 55.320
## 671   1            Port Elijah 1 77.250          NA 77.25 77.2500 77.250
## 672   0              Port Eric 1 41.670          NA 41.67 41.6700 41.670
## 673   1        Port Erikhaven 1 41.730          NA 41.73 41.7300 41.730
## 674   1         Port Erinberg 1 57.050          NA 57.05 57.0500 57.050
## 675   1       Port Eugeneport 1 74.710          NA 74.71 74.7100 74.710
## 676   0       Port Georgebury 1 71.030          NA 71.03 71.0300 71.030
## 677   0         Port Gregory 1 77.630          NA 77.63 77.6300 77.630
## 678   1       Port Jacqueline 1 77.220          NA 77.22 77.2200 77.220
## 679   1  Port Jacquelinestad 1 74.060          NA 74.06 74.0600 74.060
## 680   1            Port James 1 59.610          NA 59.61 59.6100 59.610
## 681   1          Port Jasmine 1 56.560          NA 56.56 56.5600 56.560
## 682   1            Port Jason 2 59.935 30.1015357 38.65 49.2925 59.935
## 683   1      Port Jefferybury 1 66.000          NA 66.00 66.0000 66.000
## 684   0          Port Jeffrey 1 75.700          NA 75.70 75.7000 75.700
## 685   0         Port Jennifer 1 77.360          NA 77.36 77.3600 77.360
## 686   0          Port Jessica 1 43.840          NA 43.84 43.8400 43.840
## 687   0     Port Jessicamouth 1 72.070          NA 72.07 72.0700 72.070
## 688   0             Port Jodi 1 78.540          NA 78.54 78.5400 78.540
## 689   1        Port Joshuafort 1 61.840          NA 61.84 61.8400 61.840
## 690   0             Port Juan 2 61.760 12.9259120 52.62 57.1900 61.760
## 691   1            Port Julie 2 68.570 11.1298607 60.70 64.6350 68.570
## 692   1        Port Karenfurt 1 63.110          NA 63.11 63.1100 63.110
## 693   0     Port Katelynview 1 69.580          NA 69.58 69.5800 69.580
## 694   0    Port Kathleenfort 1 60.910          NA 60.91 60.9100 60.910
## 695   1    Port Kevinborough 1 83.170          NA 83.17 83.1700 83.170
## 696   1         Port Lawrence 1 37.470          NA 37.47 37.4700 37.470
## 697   1            Port Maria 1 79.970          NA 79.97 79.9700 79.970
## 698   1           Port Mathew 1 77.950          NA 77.95 77.9500 77.950
## 699   0     Port Melissaberg 1 46.880          NA 46.88 46.8800 46.880
## 700   1     Port Melissastad 1 72.920          NA 72.92 72.9200 72.920
## 701   0   Port Michaelmouth 1 50.600          NA 50.60 50.6000 50.600
## 702   1    Port Michealburgh 1 56.340          NA 56.34 56.3400 56.340
## 703   1         Port Mitchell 1 39.560          NA 39.56 39.5600 39.560
## 704   1      Port Patrickton 1 36.440          NA 36.44 36.4400 36.440
## 705   0        Port Paultown 1 62.060          NA 62.06 62.0600 62.060
## 706   1           Port Rachel 1 41.880          NA 41.88 41.8800 41.880
## 707   0     Port Raymondfort 1 65.070          NA 65.07 65.0700 65.070
## 708   0             Port Robin 1 79.150          NA 79.15 79.1500 79.150
## 709   0       Port Sarahhaven 1 55.790          NA 55.79 55.7900 55.790
## 710   0       Port Sarahshire 1 44.980          NA 44.98 44.9800 44.980
## 711   0      Port Sherrystad 1 69.770          NA 69.77 69.7700 69.770
## 712   1           Port Stacey 1 89.370          NA 89.37 89.3700 89.370
## 713   1            Port Stacy 1 81.100          NA 81.10 81.1000 81.100
## 714   1            Port Susan 1 69.000          NA 69.00 69.0000 69.000
## 715   0  Port Whitneyhaven 1 68.880          NA 68.88 68.8800 68.880
## 716   1        Portermouth 1 78.170          NA 78.17 78.1700 78.170
## 717   1         Pottermouth 1 39.760          NA 39.76 39.7600 39.760
## 718   1          Princebury 1 65.070          NA 65.07 65.0700 65.070
## 719   0         Pruittmouth 1 82.030          NA 82.03 82.0300 82.030
## 720   1         Rachelhaven 1 82.690          NA 82.69 82.6900 82.690
## 721   1        Ramirezhaven 1 49.810          NA 49.81 49.8100 49.810
## 722   1          Ramirezland 1 68.820          NA 68.82 68.8200 68.820
```

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## 723  0        Ramirezside 1 75.550          NA 75.55 75.5500 75.550
## 724  1         Ramirezton 1 69.880          NA 69.88 69.8800 69.880
## 725  0          Ramosstad 1 65.650          NA 65.65 65.6500 65.650
## 726  1       Randolphport 1 72.190          NA 72.19 72.1900 72.190
## 727  1         Randyshire 1 81.450          NA 81.45 81.4500 81.450
## 728  1       Rebeccamouth 1 42.940          NA 42.94 42.9400 42.940
## 729  0       Reginamouth 1 65.570           NA 65.57 65.5700 65.570
## 730  1       Reneechester 1 46.770          NA 46.77 46.7700 46.770
## 731  0          Reyesfurt 1 79.530          NA 79.53 79.5300 79.530
## 732  0          Reyesland 1 77.660          NA 77.66 77.6600 77.660
## 733  1      Rhondaborough 1 86.380          NA 86.38 86.3800 86.380
## 734  1       Richardshire 1 54.390          NA 54.39 54.3900 54.390
## 735  1       Richardsland 1 73.720          NA 73.72 73.7200 73.720
## 736  1    Richardsonland 1 57.240           NA 57.24 57.2400 57.240
## 737  0  Richardsonmouth 1 82.070            NA 82.07 82.0700 82.070
## 738  0  Richardsonshire 1 69.150            NA 69.15 69.1500 69.150
## 739  0   Richardsontown 1 67.050            NA 67.05 67.0500 67.050
## 740  1          Rickymouth 1 89.180         NA 89.18 89.1800 89.180
## 741  1          Riggsstad 1 78.510          NA 78.51 78.5100 78.510
## 742  0           Rivasland 1 58.350         NA 58.35 58.3500 58.350
## 743  0          Robertbury 1 70.680         NA 70.68 70.6800 70.680
## 744  0          Robertfurt 2 45.790  0.2404163 45.62 45.7050 45.790
## 745  1         Robertmouth 1 72.450         NA 72.45 72.4500 72.450
## 746  1          Robertside 1 84.000         NA 84.00 84.0000 84.000
## 747  1     Robertsonburgh 1 37.870         NA 37.87 37.8700 37.870
## 748  1        Robertstown 1 41.460          NA 41.46 41.4600 41.460
## 749  0         Roberttown 1 54.920          NA 54.92 54.9200 54.920
## 750  0       Robinsonland 1 83.160          NA 83.16 83.1600 83.160
## 751  1       Robinsontown 1 54.970          NA 54.97 54.9700 54.970
## 752  0           Rochabury 1 50.320         NA 50.32 50.3200 50.320
## 753  0          Rogerburgh 1 58.600         NA 58.60 58.6000 58.600
## 754  0           Rogerland 1 72.940         NA 72.94 72.9400 72.940
## 755  0          Ronaldport 1 61.040         NA 61.04 61.0400 61.040
## 756  0        Ronniemouth 1 45.010          NA 45.01 45.0100 45.010
## 757  1        Russellville 1 66.880         NA 66.88 66.8800 66.880
## 758  1          Ryanhaven 1 36.490          NA 36.49 36.4900 36.490
## 759  1         Sabrinaview 1 70.390         NA 70.39 70.3900 70.390
## 760  1         Salazarbury 1 44.150         NA 44.15 44.1500 44.150
## 761  1       Samanthaland 1 59.590          NA 59.59 59.5900 59.590
## 762  1     Samuelborough 1 83.490          NA 83.49 83.4900 83.490
## 763  0         Sanchezland 1 75.810         NA 75.81 75.8100 75.810
## 764  1       Sanchezmouth 1 68.180          NA 68.18 68.1800 68.180
## 765  1        Sandersland 1 66.890          NA 66.89 66.8900 66.890
## 766  1        Sanderstown 1 58.050          NA 58.05 58.0500 58.050
## 767  1         Sandraland 1 79.540          NA 79.54 79.5400 79.540
## 768  1        Sandrashire 1 50.180          NA 50.18 50.1800 50.180
## 769  1        Sandraville 1 65.650          NA 65.65 65.6500 65.650
## 770  1           Sarafurt 1 89.710          NA 89.71 89.7100 89.710
## 771  0           Sarahland 1 72.880         NA 72.88 72.8800 72.880
## 772  1            Sarahton 1 74.880         NA 74.88 74.8800 74.880
## 773  0         Sellerstown 1 81.460         NA 81.46 81.4600 81.460
## 774  0           Shaneland 1 83.400         NA 83.40 83.4000 83.400
## 775  0           Sharpberg 1 70.790         NA 70.79 70.7900 70.790
## 776  1           Shawnside 1 78.840         NA 78.84 78.8400 78.840
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## 777   0              Shawstad 1 84.330         NA 84.33 84.3300 84.330
## 778   0            Shelbyport 1 83.690         NA 83.69 83.6900 83.690
## 779   1            Shelbyport 1 66.790         NA 66.79 66.7900 66.790
## 780   0           Sherrishire 1 76.490         NA 76.49 76.4900 76.490
## 781   1           Shirleyfort 1 70.290         NA 70.29 70.2900 70.290
## 782   0              Silvaton 1 59.120         NA 59.12 59.1200 59.120
## 783   0            Smithburgh 1 72.080         NA 72.08 72.0800 72.080
## 784   0             Smithside 1 43.490         NA 43.49 43.4900 43.490
## 785   1             Smithtown 1 75.150         NA 75.15 75.1500 75.150
## 786   0            South Aaron 1 82.790        NA 82.79 82.7900 82.790
## 787   1             South Adam 1 61.220        NA 61.22 61.2200 61.220
## 788   1        South Adamhaven 1 68.950        NA 68.95 68.9500 68.950
## 789   0    South Alexisborough 1 66.120        NA 66.12 66.1200 66.120
## 790   1        South Blakestad 1 71.270        NA 71.27 71.2700 71.270
## 791   1           South Brian 1 85.770         NA 85.77 85.7700 85.770
## 792   0        South Cathyfurt 1 51.950        NA 51.95 51.9500 51.950
## 793   0     South Christopher 1 75.240         NA 75.24 75.2400 75.240
## 794   1           South Corey 1 73.380         NA 73.38 73.3800 73.380
## 795   1    South Cynthiashire 1 49.960         NA 49.96 49.9600 49.960
## 796   0          South Daniel 1 37.750         NA 37.75 37.7500 37.750
## 797   0    South Daniellefort 1 80.230         NA 80.23 80.2300 80.230
## 798   0     South Davidhaven 1 78.760          NA 78.76 78.7600 78.760
## 799   1     South Davidmouth 1 75.550          NA 75.55 75.5500 75.550
## 800   0          South Denise 1 70.960         NA 70.96 70.9600 70.960
## 801   0      South Denisefurt 1 85.560         NA 85.56 85.5600 85.560
## 802   0     South Dianeshire 1 85.620          NA 85.62 85.6200 85.620
## 803   0          South George 1 68.610         NA 68.61 68.6100 68.610
## 804   1           South Henry 1 36.730         NA 36.73 36.7300 36.730
## 805   0      South Jackieberg 1 67.690         NA 67.69 67.6900 67.690
## 806   0            South Jade 1 58.030         NA 58.03 58.0300 58.030
## 807   0      South Jaimeview 1 81.210          NA 81.21 81.2100 81.210
## 808   0    South Jasminebury 1 73.840          NA 73.84 73.8400 73.840
## 809   0     South Jeanneport 1 41.530          NA 41.53 41.5300 41.530
## 810   0        South Jennifer 1 86.690         NA 86.69 86.6900 86.690
## 811   1         South Jessica 1 51.630         NA 51.63 51.6300 51.630
## 812   0            South John 1 41.490         NA 41.49 41.4900 41.490
## 813   0     South Johnnymouth 1 37.450         NA 37.45 37.4500 37.450
## 814   0            South Kyle 1 45.050         NA 45.05 45.0500 45.050
## 815   1        South Lauraton 1 50.330         NA 50.33 50.3300 50.330
## 816   1       South Lauratown 1 40.170         NA 40.17 40.1700 40.170
## 817   0            South Lisa 1 56.460         NA 56.46 56.4600 56.460
## 818   1            South Lisa 1 59.130         NA 59.13 59.1300 59.130
## 819   0          South Manuel 1 68.370         NA 68.37 68.3700 68.370
## 820   1        South Margaret 1 48.260         NA 48.26 48.2600 48.260
## 821   1            South Mark 1 45.990         NA 45.99 45.9900 45.990
## 822   1          South Meghan 1 56.300         NA 56.30 56.3000 56.300
## 823   0  South Meredithmouth 1 68.110          NA 68.11 68.1100 68.110
## 824   0          South Pamela 1 84.760         NA 84.76 84.7600 84.760
## 825   0      South Patrickfort 1 72.530        NA 72.53 72.5300 72.530
## 826   1           South Peter 1 44.960         NA 44.96 44.9600 44.960
## 827   1         South Rebecca 1 39.870         NA 39.87 39.8700 39.870
## 828   1           South Renee 1 78.640         NA 78.64 78.6400 78.640
## 829   1          South Robert 1 81.110         NA 81.11 81.1100 81.110
## 830   0          South Ronald 1 77.650         NA 77.65 77.6500 77.650
```

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## 831   1         South Stephanieport 1 79.910         NA 79.91 79.9100 79.910
## 832   1           South Tiffanyton 1 43.670         NA 43.67 43.6700 43.670
## 833   0             South Tomside 1 71.760         NA 71.76 71.7600 71.760
## 834   1                South Troy 1 71.550         NA 71.55 71.5500 71.550
## 835   1     South Vincentchester 1 60.070         NA 60.07 60.0700 60.070
## 836   1              South Walter 1 35.000         NA 35.00 35.0000 35.000
## 837   0                 Staceyfort 1 59.960         NA 59.96 59.9600 59.960
## 838   0            Stephenborough 1 77.070         NA 77.07 77.0700 77.070
## 839   0               Stewartbury 1 89.050         NA 89.05 89.0500 89.050
## 840   0               Suzannetown 1 62.330         NA 62.33 62.3300 62.330
## 841   0                 Sylviaview 1 65.400         NA 65.40 65.4000 65.400
## 842   0                Tammymouth 1 50.630         NA 50.63 50.6300 50.630
## 843   0                Tammyshire 1 68.600         NA 68.60 68.6000 68.600
## 844   0                Taylorberg 1 81.980         NA 81.98 81.9800 81.980
## 845   0               Taylorhaven 1 55.920         NA 55.92 55.9200 55.920
## 846   1               Taylormouth 1 45.170         NA 45.17 45.1700 45.170
## 847   0                Taylorport 1 81.990         NA 81.99 81.9900 81.990
## 848   1                Teresahaven 1 80.290         NA 80.29 80.2900 80.290
## 849   1                Thomasstad 1 68.100         NA 68.10 68.1000 68.100
## 850   0                Thomasview 1 80.600         NA 80.60 80.6000 80.600
## 851   0                Timothyfurt 1 51.240         NA 51.24 51.2400 51.240
## 852   1              Timothymouth 1 71.900         NA 71.90 71.9000 71.900
## 853   0               Timothyport 1 35.490         NA 35.49 35.4900 35.490
## 854   1               Timothytown 1 86.060         NA 86.06 86.0600 86.060
## 855   1                Tinachester 1 58.180         NA 58.18 58.1800 58.180
## 856   0                    Tinaton 1 47.660         NA 47.66 47.6600 47.660
## 857   0              Townsendfurt 1 89.150         NA 89.15 89.1500 89.150
## 858   1                 Tracyhaven 1 37.050         NA 37.05 37.0500 37.050
## 859   0                   Tranland 1 69.500         NA 69.50 69.5000 69.500
## 860   1                  Troyville 1 76.440         NA 76.44 76.4400 76.440
## 861   0              Turnerchester 1 84.530         NA 84.53 84.5300 84.530
## 862   1                 Turnerview 1 66.670         NA 66.67 66.6700 66.670
## 863   0                Turnerville 1 48.220         NA 48.22 48.2200 48.220
## 864   0                  Tylerport 1 32.600         NA 32.60 32.6000 32.600
## 865   0                Valerieland 1 85.780         NA 85.78 85.7800 85.780
## 866   0               Vanessastad 1 66.690         NA 66.69 66.6900 66.690
## 867   1                Vanessaview 1 53.630         NA 53.63 53.6300 53.630
## 868   0            Villanuevastad 1 77.050         NA 77.05 77.0500 77.050
## 869   0             Villanuevaton 1 78.290         NA 78.29 78.2900 78.290
## 870   0                  Wademouth 1 76.790         NA 76.79 76.7900 76.790
## 871   1                   Wadestad 1 87.140         NA 87.14 87.1400 87.140
## 872   0             Wagnerchester 1 68.250         NA 68.25 68.2500 68.250
## 873   0            Wallacechester 1 89.910         NA 89.91 89.9100 89.910
## 874   0                 Walshhaven 1 75.830         NA 75.83 75.8300 75.830
## 875   0                 Waltertown 1 35.250         NA 35.25 35.2500 35.250
## 876   1                 Watsonfort 1 67.470         NA 67.47 67.4700 67.470
## 877   0                 Welchshire 1 46.200         NA 46.20 46.2000 46.200
## 878   1                   Wendyton 1 89.340         NA 89.34 89.3400 89.340
## 879   1                 Wendyville 1 43.160         NA 43.16 43.1600 43.160
## 880   1                 West Alice 1 64.380         NA 64.38 64.3800 64.380
## 881   0                West Alyssa 1 84.040         NA 84.04 84.0400 84.040
## 882   0               West Amanda 1 40.670         NA 40.67 40.6700 40.670
## 883   1               West Amanda 1 54.960         NA 54.96 54.9600 54.960
## 884   0               West Andrew 1 87.180         NA 87.18 87.1800 87.180
```

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## 885    1              West Angela 1 73.270        NA 73.27 73.2700 73.270
## 886    1          West Angelabury 1 76.990        NA 76.99 76.9900 76.990
## 887    1           West Annefort 1 59.010         NA 59.01 59.0100 59.010
## 888    1           West Aprilport 1 62.260        NA 62.26 62.2600 62.260
## 889    1           West Arielstad 1 65.560        NA 65.56 65.5600 65.560
## 890    0            West Barbara 1 78.180         NA 78.18 78.1800 78.180
## 891    0           West Benjamin 1 80.530         NA 80.53 80.5300 80.530
## 892    1               West Brad 1 39.500         NA 39.50 39.5000 39.500
## 893    0         West Brandonton 1 47.640         NA 47.64 47.6400 47.640
## 894    0             West Brenda 1 82.870         NA 82.87 82.8700 82.870
## 895    1          West Carmenfurt 1 91.430        NA 91.43 91.4300 91.430
## 896    1               West Casey 1 44.780        NA 44.78 44.7800 44.780
## 897    1       West Chloeborough 1 64.880         NA 64.88 64.8800 64.880
## 898    0        West Christopher 1 48.010         NA 48.01 48.0100 48.010
## 899    1               West Colin 1 74.530        NA 74.53 74.5300 74.530
## 900    0              West Connor 1 57.350        NA 57.35 57.3500 57.350
## 901    1            West Courtney 1 82.680        NA 82.68 82.6800 82.680
## 902    0        West Daleborough 1 83.400         NA 83.40 83.4000 83.400
## 903    0          West Dannyberg 1 84.310         NA 84.31 84.3100 84.310
## 904    0               West David 1 50.780        NA 50.78 50.7800 50.780
## 905    0              West Dennis 1 76.650        NA 76.65 76.6500 76.650
## 906    1         West Derekmouth 1 44.130         NA 44.13 44.1300 44.130
## 907    0          West Dylanberg 1 55.390        NA 55.39 55.3900 55.390
## 908    1         West Eduardotown 1 42.050        NA 42.05 42.0500 42.050
## 909    0          West Ericaport 1 56.570         NA 56.57 56.5700 56.570
## 910    0            West Ericfurt 1 50.080        NA 50.08 50.0800 50.080
## 911    0    West Gabriellamouth 1 54.550         NA 54.55 54.5500 54.550
## 912    0           West Gregburgh 1 83.980        NA 83.98 83.9800 83.980
## 913    0             West Guybury 1 76.020        NA 76.02 76.0200 76.020
## 914    1               West James 1 34.960        NA 34.96 34.9600 34.960
## 915    1                West Jane 1 35.980        NA 35.98 35.9800 35.980
## 916    1         West Jeremyside 1 48.530         NA 48.53 48.5300 48.530
## 917    0       West Jessicahaven 1 53.300         NA 53.30 53.3000 53.300
## 918    1                West Jodi 1 80.230        NA 80.23 80.2300 80.230
## 919    1              West Joseph 1 73.460        NA 73.46 73.4600 73.460
## 920    1               West Julia 1 53.140        NA 53.14 53.1400 53.140
## 921    0              West Justin 1 34.860        NA 34.86 34.8600 34.860
## 922    1           West Katiefurt 1 69.570        NA 69.57 69.5700 69.570
## 923    1           West Kevinfurt 1 65.100        NA 65.10 65.1000 65.100
## 924    1               West Lacey 1 60.830        NA 60.83 60.8300 60.830
## 925    0             West Leahton 1 62.180        NA 62.18 62.1800 62.180
## 926    0        West Lindseybury 1 43.020         NA 43.02 43.0200 43.020
## 927    1                West Lisa 1 83.970        NA 83.97 83.9700 83.970
## 928    0               West Lucas 1 66.170        NA 66.17 66.1700 66.170
## 929    1           West Mariafort 1 58.600        NA 58.60 58.6000 58.600
## 930    1        West Melaniefurt 1 34.300         NA 34.30 34.3000 34.300
## 931    1       West Melissashire 1 87.270         NA 87.27 87.2700 87.270
## 932    0        West Michaelhaven 1 72.010        NA 72.01 72.0100 72.010
## 933    1         West Michaelport 1 79.800        NA 79.80 79.8000 79.800
## 934    0        West Michaelshire 1 76.070        NA 76.07 76.0700 76.070
## 935    1         West Michaelstad 1 59.880        NA 59.88 59.8800 59.880
## 936    0              West Pamela 1 54.880        NA 54.88 54.8800 54.880
## 937    0               West Randy 1 56.910        NA 56.91 56.9100 56.910
## 938    1      West Raymondmouth 1 52.130          NA 52.13 52.1300 52.130
```

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## 939     1          West Rhondamouth 1 75.640          NA 75.64 75.6400 75.640
## 940     1              West Ricardo 1 56.040          NA 56.04 56.0400 56.040
## 941     1              West Richard 1 52.680          NA 52.68 52.6800 52.680
## 942     0          West Robertside 1 62.260          NA 62.26 62.2600 62.260
## 943     1              West Roytown 1 87.980          NA 87.98 87.9800 87.980
## 944     0              West Russell 1 76.700          NA 76.70 76.7000 76.700
## 945     0                 West Ryan 1 36.560          NA 36.56 36.5600 36.560
## 946     1           West Samantha 1 82.580          NA 82.58 82.5800 82.580
## 947     0             West Shannon 1 56.390          NA 56.39 56.3900 56.390
## 948     1             West Shannon 1 40.880          NA 40.88 40.8800 40.880
## 949     0              West Sharon 1 77.890          NA 77.89 77.8900 77.890
## 950     1               West Shaun 1 83.670          NA 83.67 83.6700 83.670
## 951     0              West Steven 1 55.550          NA 55.55 55.5500 55.550
## 952     1              West Steven 1 82.800          NA 82.80 82.8000 82.800
## 953     0              West Sydney 1 76.580          NA 76.58 76.5800 76.580
## 954     0              West Tanner 1 89.800          NA 89.80 89.8000 89.800
## 955     1               West Tanya 1 73.300          NA 73.30 73.3000 73.300
## 956     1           West Terrifurt 1 74.150          NA 74.15 74.1500 74.150
## 957     0              West Thomas 1 79.440          NA 79.44 79.4400 79.440
## 958     0           West Tinashire 1 62.420          NA 62.42 62.4200 62.420
## 959     0         West Travismouth 1 48.090          NA 48.09 48.0900 48.090
## 960     0          West Wendyland 1 80.150          NA 80.15 80.1500 80.150
## 961     0             West William 1 42.950          NA 42.95 42.9500 42.950
## 962     0     West Zacharyborough 1 78.740          NA 78.74 78.7400 78.740
## 963     0                Westshire 1 35.550          NA 35.55 35.5500 35.550
## 964     1                Whiteport 1 50.080          NA 50.08 50.0800 50.080
## 965     1              Whitneyfort 1 79.600          NA 79.60 79.6000 79.600
## 966     1               Wilcoxport 1 33.210          NA 33.21 33.2100 33.210
## 967     1             Williammouth 1 45.720          NA 45.72 45.7200 45.720
## 968     1             Williamport 1 83.480          NA 83.48 83.4800 83.480
## 969     0        Williamsborough 1 39.940          NA 39.94 39.9400 39.940
## 970     0            Williamsfort 1 82.490          NA 82.49 82.4900 82.490
## 971     1           Williamsmouth 1 54.430          NA 54.43 54.4300 54.430
## 972     0            Williamsport 1 60.530          NA 60.53 60.5300 60.530
## 973     1            Williamsport 2 57.960 20.9303607 43.16 50.5600 57.960
## 974     1            Williamsside 1 71.900          NA 71.90 71.9000 71.900
## 975     0             Williamstad 1 78.700          NA 78.70 78.7000 78.700
## 976     0             Wilsonburgh 1 69.780          NA 69.78 69.7800 69.780
## 977     0              Wintersfort 1 76.830          NA 76.83 76.8300 76.830
## 978     0                Wongland 1 72.840          NA 72.84 72.8400 72.840
## 979     0             Wrightburgh 1 68.950          NA 68.95 68.9500 68.950
## 980     1             Wrightburgh 1 79.720          NA 79.72 79.7200 79.720
## 981     0              Wrightview 1 46.660          NA 46.66 46.6600 46.660
## 982     1                Yangside 1 47.230          NA 47.23 47.2300 47.230
## 983     1              Youngburgh 1 63.600          NA 63.60 63.6000 63.600
## 984     0               Youngfort 1 62.950          NA 62.95 62.9500 62.950
## 985     0                   Yuton 1 47.480          NA 47.48 47.4800 47.480
## 986     0            Zacharystad 1 64.240          NA 64.24 64.2400 64.240
## 987     0             Zacharyton 1 67.560          NA 67.56 67.5600 67.560
##          Q3    max
## 1   40.1900 40.19
## 2   45.8200 45.82
## 3   81.0500 81.05
## 4   83.2600 83.26
```

474

```
## 5    46.3700 46.37
## 6    53.3800 53.38
## 7    85.3700 85.37
## 8    74.5400 74.54
## 9    84.7300 84.73
## 10   39.3400 39.34
## 11   35.6600 35.66
## 12   59.3600 59.36
## 13   62.3100 62.31
## 14   59.5200 59.52
## 15   82.7000 82.70
## 16   80.4900 80.49
## 17   41.7300 41.73
## 18   64.6700 64.67
## 19   71.0000 71.00
## 20   46.0400 46.04
## 21   74.2700 74.27
## 22   79.8900 79.89
## 23   67.7600 67.76
## 24   75.8000 75.80
## 25   66.0300 66.03
## 26   69.8600 69.86
## 27   72.8000 72.80
## 28   76.2400 76.24
## 29   75.7100 75.71
## 30   71.4000 71.40
## 31   70.4100 70.41
## 32   79.7100 79.71
## 33   46.3100 46.31
## 34   47.5100 47.51
## 35   69.7400 69.74
## 36   45.4800 45.48
## 37   87.1600 87.16
## 38   47.2300 47.23
## 39   81.3800 81.38
## 40   43.9700 43.97
## 41   70.0300 70.03
## 42   35.3300 35.33
## 43   56.9300 56.93
## 44   66.4900 66.49
## 45   61.5700 61.57
## 46   57.8200 57.82
## 47   65.1500 65.15
## 48   88.9100 88.91
## 49   65.5900 65.59
## 50   76.4200 76.42
## 51   41.8200 41.82
## 52   75.6500 75.65
## 53   80.3100 80.31
## 54   46.4300 46.43
## 55   67.5900 67.59
## 56   84.8100 84.81
## 57   46.0800 46.08
## 58   56.9900 56.99
```

```
## 59   45.1100 45.11
## 60   84.5300 84.53
## 61   72.4400 72.44
## 62   72.2300 72.23
## 63   43.0100 43.01
## 64   76.5900 76.59
## 65   37.5800 37.58
## 66   75.9400 75.94
## 67   88.8500 88.85
## 68   87.3500 87.35
## 69   84.0800 84.08
## 70   49.2100 49.21
## 71   69.4200 69.42
## 72   80.4600 80.46
## 73   66.0400 66.04
## 74   46.6100 46.61
## 75   72.4600 72.46
## 76   78.5800 78.58
## 77   38.6300 38.63
## 78   74.8700 74.87
## 79   79.6700 79.67
## 80   50.4300 50.43
## 81   60.2500 60.25
## 82   46.8900 46.89
## 83   55.4600 55.46
## 84   44.4600 44.46
## 85   80.0300 80.03
## 86   68.4100 68.41
## 87   69.9000 69.90
## 88   80.5100 80.51
## 89   40.3400 40.34
## 90   85.3500 85.35
## 91   65.8000 65.80
## 92   44.6400 44.64
## 93   65.5300 65.53
## 94   63.8000 63.80
## 95   86.5300 86.53
## 96   80.8700 80.87
## 97   60.5300 60.53
## 98   65.7700 65.77
## 99   71.8300 71.83
## 100 53.3300 53.33
## 101 77.7500 77.75
## 102 82.7300 82.73
## 103 39.4700 39.47
## 104 42.8300 42.83
## 105 34.6600 34.66
## 106 72.1900 72.19
## 107 69.9700 69.97
## 108 81.3200 81.32
## 109 46.6100 46.61
## 110 46.1300 46.13
## 111 36.0800 36.08
## 112 63.0400 63.04
```

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## 113 69.4700 69.47
## 114 37.6500 37.65
## 115 67.7100 67.71
## 116 82.3000 82.30
## 117 34.8700 34.87
## 118 50.5200 50.52
## 119 81.1700 81.17
## 120 78.2400 78.24
## 121 37.5100 37.51
## 122 80.9100 80.91
## 123 77.8000 77.80
## 124 74.4100 74.41
## 125 50.4800 50.48
## 126 78.0100 78.01
## 127 84.5300 84.53
## 128 72.9700 72.97
## 129 73.8900 73.89
## 130 71.2800 71.28
## 131 43.8800 43.88
## 132 79.5300 79.53
## 133 51.3800 51.38
## 134 39.9600 39.96
## 135 70.0900 70.09
## 136 80.3000 80.30
## 137 40.0100 40.01
## 138 75.8300 75.83
## 139 35.3400 35.34
## 140 74.5800 74.58
## 141 74.6100 74.61
## 142 80.7100 80.71
## 143 81.9500 81.95
## 144 82.1200 82.12
## 145 88.8900 88.89
## 146 83.6600 83.66
## 147 63.2600 63.26
## 148 87.1600 87.16
## 149 63.3600 63.36
## 150 43.0700 43.07
## 151 56.2000 56.20
## 152 74.3800 74.38
## 153 57.2000 57.20
## 154 67.3500 67.35
## 155 78.5700 78.57
## 156 78.9600 78.96
## 157 80.4700 80.47
## 158 47.9000 47.90
## 159 38.3700 38.37
## 160 88.7200 88.72
## 161 88.8200 88.82
## 162 61.0900 61.09
## 163 48.0300 48.03
## 164 58.9500 58.95
## 165 75.8000 75.80
## 166 38.4600 38.46
```

```
## 167 76.3200 76.32
## 168 49.8900 49.89
## 169 46.9800 46.98
## 170 75.0300 75.03
## 171 76.8100 76.81
## 172 62.0600 62.06
## 173 41.2800 41.28
## 174 67.8500 67.85
## 175 33.3300 33.33
## 176 39.8600 39.86
## 177 55.7700 55.77
## 178 78.1100 78.11
## 179 81.5800 81.58
## 180 39.8500 39.85
## 181 79.3600 79.36
## 182 55.3500 55.35
## 183 83.0700 83.07
## 184 64.1000 64.10
## 185 74.6500 74.65
## 186 79.1600 79.16
## 187 79.5200 79.52
## 188 83.4200 83.42
## 189 77.3500 77.35
## 190 68.9400 68.94
## 191 78.7600 78.76
## 192 51.5000 51.50
## 193 36.3100 36.31
## 194 64.5100 64.51
## 195 64.2000 64.20
## 196 61.7600 61.76
## 197 48.8600 48.86
## 198 83.5500 83.55
## 199 34.0400 34.04
## 200 32.9100 32.91
## 201 84.6900 84.69
## 202 71.2300 71.23
## 203 81.5800 81.58
## 204 73.0400 73.04
## 205 42.3900 42.39
## 206 57.8600 57.86
## 207 82.3700 82.37
## 208 44.3300 44.33
## 209 85.0100 85.01
## 210 59.6400 59.64
## 211 76.8400 76.84
## 212 59.7000 59.70
## 213 45.0800 45.08
## 214 66.1800 66.18
## 215 81.2500 81.25
## 216 43.6300 43.63
## 217 40.4700 40.47
## 218 56.0100 56.01
## 219 65.1900 65.19
## 220 81.9000 81.90
```

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## 221 60.9400 60.94
## 222 79.8100 79.81
## 223 60.7500 60.75
## 224 83.9700 83.97
## 225 85.5400 85.54
## 226 78.7700 78.77
## 227 78.8400 78.84
## 228 52.7000 52.70
## 229 81.6100 81.61
## 230 84.7100 84.71
## 231 76.5600 76.56
## 232 43.8300 43.83
## 233 72.0300 72.03
## 234 77.6000 77.60
## 235 43.4900 43.49
## 236 83.9100 83.91
## 237 73.2700 73.27
## 238 77.0500 77.05
## 239 44.3300 44.33
## 240 71.7400 71.74
## 241 70.0400 70.04
## 242 49.8400 49.84
## 243 63.1800 63.18
## 244 66.0100 66.01
## 245 78.4100 78.41
## 246 41.3900 41.39
## 247 84.8800 84.88
## 248 85.2400 85.24
## 249 41.8900 41.89
## 250 65.9000 65.90
## 251 76.7700 76.77
## 252 77.4700 77.47
## 253 41.8600 41.86
## 254 75.8400 75.84
## 255 49.7800 49.78
## 256 51.5600 51.56
## 257 41.1600 41.16
## 258 86.5800 86.58
## 259 47.7400 47.74
## 260 79.0900 79.09
## 261 72.0400 72.04
## 262 55.0400 55.04
## 263 41.4900 41.49
## 264 79.3600 79.36
## 265 41.3500 41.35
## 266 52.8400 52.84
## 267 54.4700 54.47
## 268 73.1800 73.18
## 269 73.4100 73.41
## 270 67.9100 67.91
## 271 35.9800 35.98
## 272 47.5300 47.53
## 273 88.1200 88.12
## 274 69.3500 69.35
```

```
## 275 67.5800 67.58
## 276 64.6300 64.63
## 277 44.4900 44.49
## 278 84.2900 84.29
## 279 46.2800 46.28
## 280 60.7200 60.72
## 281 49.4200 49.42
## 282 80.4700 80.47
## 283 78.3200 78.32
## 284 42.0600 42.06
## 285 80.6700 80.67
## 286 59.9900 59.99
## 287 75.1500 75.15
## 288 77.1400 77.14
## 289 62.4200 62.42
## 290 79.8200 79.82
## 291 34.7800 34.78
## 292 57.5100 57.51
## 293 73.1000 73.10
## 294 49.8400 49.84
## 295 71.0500 71.05
## 296 63.8900 63.89
## 297 41.7000 41.70
## 298 39.3600 39.36
## 299 76.5600 76.56
## 300 33.5200 33.52
## 301 52.3500 52.35
## 302 54.7000 54.70
## 303 78.7600 78.76
## 304 40.1500 40.15
## 305 85.4000 85.40
## 306 70.1300 70.13
## 307 51.5800 51.58
## 308 62.1200 62.12
## 309 49.5800 49.58
## 310 81.7825 84.37
## 311 66.7700 66.77
## 312 75.1900 75.19
## 313 39.3000 39.30
## 314 37.0000 37.00
## 315 85.8400 85.84
## 316 72.8200 72.82
## 317 46.8400 46.84
## 318 66.6950 74.07
## 319 89.0000 89.00
## 320 43.6300 43.63
## 321 55.2000 55.20
## 322 67.3900 67.39
## 323 71.3300 71.33
## 324 39.8600 39.86
## 325 86.8100 86.81
## 326 91.1500 91.15
## 327 81.5600 81.56
## 328 80.7200 80.72
```

```
## 329 53.5400 53.54
## 330 82.9500 82.95
## 331 76.2000 76.20
## 332 51.6800 51.68
## 333 68.0100 68.01
## 334 71.0300 71.03
## 335 65.8200 65.82
## 336 77.5000 77.50
## 337 73.8800 73.88
## 338 71.8600 71.86
## 339 51.8700 51.87
## 340 81.7500 81.75
## 341 69.0800 69.08
## 342 65.7200 65.72
## 343 90.9700 90.97
## 344 39.9600 39.96
## 345 81.5100 81.51
## 346 66.0800 66.08
## 347 74.8400 74.84
## 348 78.3600 78.36
## 349 59.0500 59.05
## 350 63.8800 63.88
## 351 43.7700 43.77
## 352 76.7600 76.76
## 353 74.4900 74.49
## 354 50.5200 50.52
## 355 53.9200 53.92
## 356 85.6100 85.61
## 357 75.3200 75.32
## 358 85.8400 85.84
## 359 59.2100 59.21
## 360 66.8000 66.80
## 361 84.9500 84.95
## 362 37.6800 37.68
## 363 49.3500 49.35
## 364 56.6400 56.64
## 365 55.1300 55.13
## 366 80.5900 80.59
## 367 70.6600 70.66
## 368 89.2100 89.21
## 369 79.1800 79.18
## 370 70.5800 70.58
## 371 44.1100 44.11
## 372 79.6000 79.60
## 373 88.0400 88.04
## 374 57.7600 57.76
## 375 56.1400 56.14
## 376 78.6000 78.60
## 377 63.3000 63.30
## 378 67.5100 67.51
## 379 74.5900 74.59
## 380 54.3500 54.35
## 381 42.6000 42.60
## 382 77.4400 77.44
```

```
## 383 81.3700 81.37
## 384 37.7400 37.74
## 385 55.7100 55.71
## 386 67.6900 67.69
## 387 53.4400 53.44
## 388 68.6800 68.68
## 389 88.9700 88.97
## 390 73.2100 73.21
## 391 56.6600 56.66
## 392 84.5900 84.59
## 393 56.6400 56.64
## 394 84.2900 84.29
## 395 57.1100 57.11
## 396 81.7500 81.75
## 397 70.9200 70.92
## 398 90.7500 90.75
## 399 83.8600 83.86
## 400 43.5700 43.57
## 401 87.2300 87.23
## 402 74.6200 74.62
## 403 74.1800 74.18
## 404 54.3700 54.37
## 405 73.9300 73.93
## 406 86.4100 86.41
## 407 81.2900 81.29
## 408 78.6700 78.67
## 409 55.7400 55.74
## 410 42.8400 42.84
## 411 84.5900 84.59
## 412 80.0875 82.40
## 413 42.5100 42.51
## 414 50.1900 50.19
## 415 68.0475 76.20
## 416 76.2100 76.21
## 417 40.1800 40.18
## 418 41.8400 41.84
## 419 82.7900 82.79
## 420 82.0700 82.07
## 421 76.2700 76.27
## 422 86.7600 86.76
## 423 91.3700 91.37
## 424 39.1900 39.19
## 425 78.6800 78.68
## 426 38.5200 38.52
## 427 76.0200 76.02
## 428 38.9400 38.94
## 429 80.0500 80.05
## 430 66.4700 66.47
## 431 79.5700 79.57
## 432 85.2600 85.26
## 433 72.1800 72.18
## 434 46.4500 48.46
## 435 66.9900 66.99
## 436 86.1900 86.19
```

```
## 437 38.3500 38.35
## 438 43.4100 43.41
## 439 87.0900 87.09
## 440 79.6100 79.61
## 441 73.9400 73.94
## 442 84.9800 84.98
## 443 72.2300 72.23
## 444 44.4000 44.40
## 445 79.9700 79.97
## 446 83.8900 83.89
## 447 46.1400 46.14
## 448 81.0300 81.03
## 449 32.9900 32.99
## 450 60.7000 60.70
## 451 66.2600 66.26
## 452 38.9600 38.96
## 453 78.7900 78.79
## 454 76.8700 76.87
## 455 51.6500 51.65
## 456 70.6100 70.61
## 457 40.0400 40.04
## 458 56.7800 56.78
## 459 52.8400 52.84
## 460 77.8800 77.88
## 461 80.9900 80.99
## 462 87.8500 87.85
## 463 69.2000 69.20
## 464 45.4400 45.44
## 465 65.2200 65.22
## 466 91.1000 91.10
## 467 63.3700 63.37
## 468 36.9800 36.98
## 469 39.2500 39.25
## 470 67.5600 67.56
## 471 63.2400 63.24
## 472 49.9500 49.95
## 473 56.1600 56.16
## 474 38.9300 38.93
## 475 83.7100 83.71
## 476 73.9500 73.95
## 477 84.4500 84.45
## 478 75.2100 75.42
## 479 87.4600 87.46
## 480 78.1900 78.19
## 481 48.7300 48.73
## 482 77.6900 77.69
## 483 49.1300 49.13
## 484 38.9100 38.91
## 485 73.4900 73.49
## 486 76.8700 76.87
## 487 76.2400 76.24
## 488 76.9000 76.90
## 489 56.8900 56.89
## 490 75.5500 75.55
```

```
## 491 57.9900 57.99
## 492 83.4700 83.47
## 493 60.2300 60.23
## 494 49.9900 49.99
## 495 42.0400 42.04
## 496 72.5500 72.55
## 497 50.6000 50.60
## 498 51.3000 51.30
## 499 83.5300 83.53
## 500 55.6000 55.60
## 501 41.1800 41.18
## 502 70.2900 70.29
## 503 79.4000 79.40
## 504 32.6000 32.60
## 505 52.6700 52.67
## 506 62.7900 62.79
## 507 68.2500 68.25
## 508 62.2600 62.26
## 509 67.8000 67.80
## 510 85.8600 85.86
## 511 81.3700 81.37
## 512 86.6300 86.63
## 513 66.1800 66.18
## 514 42.3200 42.32
## 515 84.7900 84.79
## 516 52.1700 52.17
## 517 69.9500 69.95
## 518 52.5600 52.56
## 519 69.9600 69.96
## 520 32.8400 32.84
## 521 62.2000 62.20
## 522 66.6300 66.63
## 523 47.0000 47.00
## 524 78.1500 78.15
## 525 52.7000 52.70
## 526 53.6800 53.68
## 527 69.0100 69.01
## 528 37.3200 37.32
## 529 70.9200 70.92
## 530 87.8500 87.85
## 531 69.1700 69.17
## 532 87.2600 87.26
## 533 46.1300 46.13
## 534 36.8700 36.87
## 535 36.6200 36.62
## 536 84.2500 84.25
## 537 63.4300 63.43
## 538 69.6200 69.62
## 539 75.2325 75.74
## 540 70.4400 70.44
## 541 86.7800 86.78
## 542 85.7300 85.73
## 543 68.7200 68.72
## 544 39.5300 39.53
```

```
## 545 43.6700 43.67
## 546 57.6400 57.64
## 547 35.2100 35.21
## 548 57.7000 57.70
## 549 76.0600 76.06
## 550 74.6300 74.63
## 551 80.9600 80.96
## 552 63.4500 63.45
## 553 80.2200 80.22
## 554 78.8300 78.83
## 555 45.7000 45.70
## 556 68.5800 68.58
## 557 71.1400 71.14
## 558 43.7000 43.70
## 559 89.6600 89.66
## 560 43.6500 43.65
## 561 38.1000 38.10
## 562 73.9400 73.94
## 563 66.1700 66.17
## 564 59.2200 59.22
## 565 62.1400 62.14
## 566 35.7600 35.76
## 567 50.8700 50.87
## 568 77.0500 77.05
## 569 73.8900 73.89
## 570 82.4100 82.41
## 571 35.4900 35.49
## 572 63.9900 63.99
## 573 79.5100 79.51
## 574 81.6700 81.67
## 575 79.0175 79.81
## 576 79.2200 79.22
## 577 61.8800 61.88
## 578 67.2600 67.26
## 579 45.5300 45.53
## 580 77.2000 77.20
## 581 79.8300 79.83
## 582 77.3100 77.31
## 583 66.1400 66.14
## 584 44.7200 44.72
## 585 66.8300 66.83
## 586 36.3700 36.37
## 587 61.8700 61.87
## 588 35.6500 35.65
## 589 35.1100 35.11
## 590 82.5200 82.52
## 591 35.7900 35.79
## 592 68.4700 68.47
## 593 74.3200 74.32
## 594 67.9400 67.94
## 595 77.5100 77.51
## 596 44.7300 44.73
## 597 80.6400 80.64
## 598 86.0600 86.06
```

```
## 599 81.5900 81.59
## 600 87.3000 87.30
## 601 49.1900 49.19
## 602 57.6400 57.64
## 603 67.2800 67.28
## 604 35.6100 35.61
## 605 82.7200 82.72
## 606 71.8400 71.84
## 607 70.0500 70.05
## 608 78.5300 78.53
## 609 43.6000 43.60
## 610 59.0500 59.05
## 611 73.1900 73.19
## 612 58.2200 58.22
## 613 36.9100 36.91
## 614 64.7500 64.75
## 615 85.0300 85.03
## 616 73.5700 73.57
## 617 79.5200 79.52
## 618 80.9400 80.94
## 619 84.5400 84.54
## 620 56.3900 56.39
## 621 64.7900 64.79
## 622 67.3600 67.36
## 623 69.1100 69.11
## 624 79.9400 79.94
## 625 61.8200 61.82
## 626 40.0600 40.06
## 627 70.2000 70.20
## 628 77.6500 77.65
## 629 87.2900 87.29
## 630 78.3500 78.35
## 631 71.8900 71.89
## 632 81.9800 81.98
## 633 58.2100 58.21
## 634 85.2300 85.23
## 635 80.3900 80.39
## 636 77.2900 77.29
## 637 78.3700 78.37
## 638 59.5100 59.51
## 639 75.0000 75.00
## 640 48.8600 48.86
## 641 42.4400 42.44
## 642 67.6400 67.64
## 643 54.0800 54.08
## 644 61.8800 61.88
## 645 76.2800 76.28
## 646 77.5600 77.56
## 647 80.3800 80.38
## 648 53.2200 53.22
## 649 35.6600 35.66
## 650 82.3800 82.38
## 651 60.2300 60.23
## 652 49.6700 49.67
```

```
## 653 87.9700 87.97
## 654 80.5500 80.55
## 655 41.4700 41.47
## 656 75.9200 75.92
## 657 55.6000 55.60
## 658 80.4600 80.46
## 659 60.3900 60.39
## 660 80.0900 80.09
## 661 38.3500 38.35
## 662 72.6000 72.60
## 663 56.7000 56.70
## 664 61.7200 61.72
## 665 78.7400 78.74
## 666 74.0600 74.06
## 667 44.1600 44.16
## 668 37.0100 37.01
## 669 66.4000 66.40
## 670 55.3200 55.32
## 671 77.2500 77.25
## 672 41.6700 41.67
## 673 41.7300 41.73
## 674 57.0500 57.05
## 675 74.7100 74.71
## 676 71.0300 71.03
## 677 77.6300 77.63
## 678 77.2200 77.22
## 679 74.0600 74.06
## 680 59.6100 59.61
## 681 56.5600 56.56
## 682 70.5775 81.22
## 683 66.0000 66.00
## 684 75.7000 75.70
## 685 77.3600 77.36
## 686 43.8400 43.84
## 687 72.0700 72.07
## 688 78.5400 78.54
## 689 61.8400 61.84
## 690 66.3300 70.90
## 691 72.5050 76.44
## 692 63.1100 63.11
## 693 69.5800 69.58
## 694 60.9100 60.91
## 695 83.1700 83.17
## 696 37.4700 37.47
## 697 79.9700 79.97
## 698 77.9500 77.95
## 699 46.8800 46.88
## 700 72.9200 72.92
## 701 50.6000 50.60
## 702 56.3400 56.34
## 703 39.5600 39.56
## 704 36.4400 36.44
## 705 62.0600 62.06
## 706 41.8800 41.88
```

```
## 707 65.0700 65.07
## 708 79.1500 79.15
## 709 55.7900 55.79
## 710 44.9800 44.98
## 711 69.7700 69.77
## 712 89.3700 89.37
## 713 81.1000 81.10
## 714 69.0000 69.00
## 715 68.8800 68.88
## 716 78.1700 78.17
## 717 39.7600 39.76
## 718 65.0700 65.07
## 719 82.0300 82.03
## 720 82.6900 82.69
## 721 49.8100 49.81
## 722 68.8200 68.82
## 723 75.5500 75.55
## 724 69.8800 69.88
## 725 65.6500 65.65
## 726 72.1900 72.19
## 727 81.4500 81.45
## 728 42.9400 42.94
## 729 65.5700 65.57
## 730 46.7700 46.77
## 731 79.5300 79.53
## 732 77.6600 77.66
## 733 86.3800 86.38
## 734 54.3900 54.39
## 735 73.7200 73.72
## 736 57.2400 57.24
## 737 82.0700 82.07
## 738 69.1500 69.15
## 739 67.0500 67.05
## 740 89.1800 89.18
## 741 78.5100 78.51
## 742 58.3500 58.35
## 743 70.6800 70.68
## 744 45.8750 45.96
## 745 72.4500 72.45
## 746 84.0000 84.00
## 747 37.8700 37.87
## 748 41.4600 41.46
## 749 54.9200 54.92
## 750 83.1600 83.16
## 751 54.9700 54.97
## 752 50.3200 50.32
## 753 58.6000 58.60
## 754 72.9400 72.94
## 755 61.0400 61.04
## 756 45.0100 45.01
## 757 66.8800 66.88
## 758 36.4900 36.49
## 759 70.3900 70.39
## 760 44.1500 44.15
```

```
## 761 59.5900 59.59
## 762 83.4900 83.49
## 763 75.8100 75.81
## 764 68.1800 68.18
## 765 66.8900 66.89
## 766 58.0500 58.05
## 767 79.5400 79.54
## 768 50.1800 50.18
## 769 65.6500 65.65
## 770 89.7100 89.71
## 771 72.8800 72.88
## 772 74.8800 74.88
## 773 81.4600 81.46
## 774 83.4000 83.40
## 775 70.7900 70.79
## 776 78.8400 78.84
## 777 84.3300 84.33
## 778 83.6900 83.69
## 779 66.7900 66.79
## 780 76.4900 76.49
## 781 70.2900 70.29
## 782 59.1200 59.12
## 783 72.0800 72.08
## 784 43.4900 43.49
## 785 75.1500 75.15
## 786 82.7900 82.79
## 787 61.2200 61.22
## 788 68.9500 68.95
## 789 66.1200 66.12
## 790 71.2700 71.27
## 791 85.7700 85.77
## 792 51.9500 51.95
## 793 75.2400 75.24
## 794 73.3800 73.38
## 795 49.9600 49.96
## 796 37.7500 37.75
## 797 80.2300 80.23
## 798 78.7600 78.76
## 799 75.5500 75.55
## 800 70.9600 70.96
## 801 85.5600 85.56
## 802 85.6200 85.62
## 803 68.6100 68.61
## 804 36.7300 36.73
## 805 67.6900 67.69
## 806 58.0300 58.03
## 807 81.2100 81.21
## 808 73.8400 73.84
## 809 41.5300 41.53
## 810 86.6900 86.69
## 811 51.6300 51.63
## 812 41.4900 41.49
## 813 37.4500 37.45
## 814 45.0500 45.05
```

```
## 815 50.3300 50.33
## 816 40.1700 40.17
## 817 56.4600 56.46
## 818 59.1300 59.13
## 819 68.3700 68.37
## 820 48.2600 48.26
## 821 45.9900 45.99
## 822 56.3000 56.30
## 823 68.1100 68.11
## 824 84.7600 84.76
## 825 72.5300 72.53
## 826 44.9600 44.96
## 827 39.8700 39.87
## 828 78.6400 78.64
## 829 81.1100 81.11
## 830 77.6500 77.65
## 831 79.9100 79.91
## 832 43.6700 43.67
## 833 71.7600 71.76
## 834 71.5500 71.55
## 835 60.0700 60.07
## 836 35.0000 35.00
## 837 59.9600 59.96
## 838 77.0700 77.07
## 839 89.0500 89.05
## 840 62.3300 62.33
## 841 65.4000 65.40
## 842 50.6300 50.63
## 843 68.6000 68.60
## 844 81.9800 81.98
## 845 55.9200 55.92
## 846 45.1700 45.17
## 847 81.9900 81.99
## 848 80.2900 80.29
## 849 68.1000 68.10
## 850 80.6000 80.60
## 851 51.2400 51.24
## 852 71.9000 71.90
## 853 35.4900 35.49
## 854 86.0600 86.06
## 855 58.1800 58.18
## 856 47.6600 47.66
## 857 89.1500 89.15
## 858 37.0500 37.05
## 859 69.5000 69.50
## 860 76.4400 76.44
## 861 84.5300 84.53
## 862 66.6700 66.67
## 863 48.2200 48.22
## 864 32.6000 32.60
## 865 85.7800 85.78
## 866 66.6900 66.69
## 867 53.6300 53.63
## 868 77.0500 77.05
```

```
## 869 78.2900 78.29
## 870 76.7900 76.79
## 871 87.1400 87.14
## 872 68.2500 68.25
## 873 89.9100 89.91
## 874 75.8300 75.83
## 875 35.2500 35.25
## 876 67.4700 67.47
## 877 46.2000 46.20
## 878 89.3400 89.34
## 879 43.1600 43.16
## 880 64.3800 64.38
## 881 84.0400 84.04
## 882 40.6700 40.67
## 883 54.9600 54.96
## 884 87.1800 87.18
## 885 73.2700 73.27
## 886 76.9900 76.99
## 887 59.0100 59.01
## 888 62.2600 62.26
## 889 65.5600 65.56
## 890 78.1800 78.18
## 891 80.5300 80.53
## 892 39.5000 39.50
## 893 47.6400 47.64
## 894 82.8700 82.87
## 895 91.4300 91.43
## 896 44.7800 44.78
## 897 64.8800 64.88
## 898 48.0100 48.01
## 899 74.5300 74.53
## 900 57.3500 57.35
## 901 82.6800 82.68
## 902 83.4000 83.40
## 903 84.3100 84.31
## 904 50.7800 50.78
## 905 76.6500 76.65
## 906 44.1300 44.13
## 907 55.3900 55.39
## 908 42.0500 42.05
## 909 56.5700 56.57
## 910 50.0800 50.08
## 911 54.5500 54.55
## 912 83.9800 83.98
## 913 76.0200 76.02
## 914 34.9600 34.96
## 915 35.9800 35.98
## 916 48.5300 48.53
## 917 53.3000 53.30
## 918 80.2300 80.23
## 919 73.4600 73.46
## 920 53.1400 53.14
## 921 34.8600 34.86
## 922 69.5700 69.57
```

```
## 923 65.1000 65.10
## 924 60.8300 60.83
## 925 62.1800 62.18
## 926 43.0200 43.02
## 927 83.9700 83.97
## 928 66.1700 66.17
## 929 58.6000 58.60
## 930 34.3000 34.30
## 931 87.2700 87.27
## 932 72.0100 72.01
## 933 79.8000 79.80
## 934 76.0700 76.07
## 935 59.8800 59.88
## 936 54.8800 54.88
## 937 56.9100 56.91
## 938 52.1300 52.13
## 939 75.6400 75.64
## 940 56.0400 56.04
## 941 52.6800 52.68
## 942 62.2600 62.26
## 943 87.9800 87.98
## 944 76.7000 76.70
## 945 36.5600 36.56
## 946 82.5800 82.58
## 947 56.3900 56.39
## 948 40.8800 40.88
## 949 77.8900 77.89
## 950 83.6700 83.67
## 951 55.5500 55.55
## 952 82.8000 82.80
## 953 76.5800 76.58
## 954 89.8000 89.80
## 955 73.3000 73.30
## 956 74.1500 74.15
## 957 79.4400 79.44
## 958 62.4200 62.42
## 959 48.0900 48.09
## 960 80.1500 80.15
## 961 42.9500 42.95
## 962 78.7400 78.74
## 963 35.5500 35.55
## 964 50.0800 50.08
## 965 79.6000 79.60
## 966 33.2100 33.21
## 967 45.7200 45.72
## 968 83.4800 83.48
## 969 39.9400 39.94
## 970 82.4900 82.49
## 971 54.4300 54.43
## 972 60.5300 60.53
## 973 65.3600 72.76
## 974 71.9000 71.90
## 975 78.7000 78.70
## 976 69.7800 69.78
```

```
## 977 76.8300 76.83
## 978 72.8400 72.84
## 979 68.9500 68.95
## 980 79.7200 79.72
## 981 46.6600 46.66
## 982 47.2300 47.23
## 983 63.6000 63.60
## 984 62.9500 62.95
## 985 47.4800 47.48
## 986 64.2400 64.24
## 987 67.5600 67.56
```

```r
# package give us descriptive statistics for  all variables in a data frame, listing the frequencies fo
summary(advertising2)
```

```
##       time             Age            income          usage
##  Min.   :32.60   Min.   :19.00   Min.   :13996   Min.   :104.8
##  1st Qu.:51.36   1st Qu.:29.00   1st Qu.:47032   1st Qu.:138.8
##  Median :68.22   Median :35.00   Median :57012   Median :183.1
##  Mean   :65.00   Mean   :36.01   Mean   :55000   Mean   :180.0
##  3rd Qu.:78.55   3rd Qu.:42.00   3rd Qu.:65471   3rd Qu.:218.8
##  Max.   :91.43   Max.   :61.00   Max.   :79485   Max.   :270.0
##     topic              City             gender           Country
##  Length:1000        Length:1000        Min.   :0.000   Length:1000
##  Class :character   Class :character   1st Qu.:0.000   Class :character
##  Mode  :character   Mode  :character   Median :0.000   Mode  :character
##                                        Mean   :0.481
##                                        3rd Qu.:1.000
##                                        Max.   :1.000
##     year              month              day             clicked
##  Length:1000        Length:1000        Length:1000        Min.   :0.0
##  Class :character   Class :character   Class :character   1st Qu.:0.0
##  Mode  :character   Mode  :character   Mode  :character   Median :0.5
##                                                           Mean   :0.5
##                                                           3rd Qu.:1.0
##                                                           Max.   :1.0
```

9b.Skewness and kurtosis among other statistics

```r
#descriptive statistics for internet usage
### Type=3 represents calculation for skewness and kurtosis
describe(advertising2$usage,
         type=3)
```

```
##    vars    n mean   sd median trimmed   mad    min    max  range  skew kurtosis
## X1    1 1000  180 43.9 183.13  179.99 58.61 104.78 269.96 165.18 -0.03    -1.28
##      se
## X1 1.39
```

```
#descriptive statistics for time.spent
describe(advertising2$time,
        type=3)
```

```
##     vars    n mean    sd median trimmed   mad  min   max range  skew kurtosis
## X1     1 1000   65 15.85  68.22   65.74 17.92 32.6 91.43 58.83 -0.37     -1.1
##      se
## X1 0.5
```

```
#descriptive statistics for Age
describe(advertising2$Age,
        type=3)
```

```
##     vars    n  mean   sd median trimmed mad min max range skew kurtosis   se
## X1     1 1000 36.01 8.79     35   35.51 8.9  19  61    42 0.48    -0.41 0.28
```

```
#descriptive statistics for income
describe(advertising2$income,
        type=3)
```

```
##     vars    n  mean       sd  median  trimmed      mad     min     max    range
## X1     1 1000 55000 13414.63 57012.3 56038.94 13316.62 13996.5 79484.8 65488.3
##      skew kurtosis     se
## X1 -0.65    -0.11 424.21
```

```
names(advertising2)
```

```
##  [1] "time"    "Age"     "income"  "usage"   "topic"   "City"    "gender"
##  [8] "Country" "year"    "month"   "day"     "clicked"
```

9c.Univariate Visuals

```
barplot(table(advertising2$time))
```
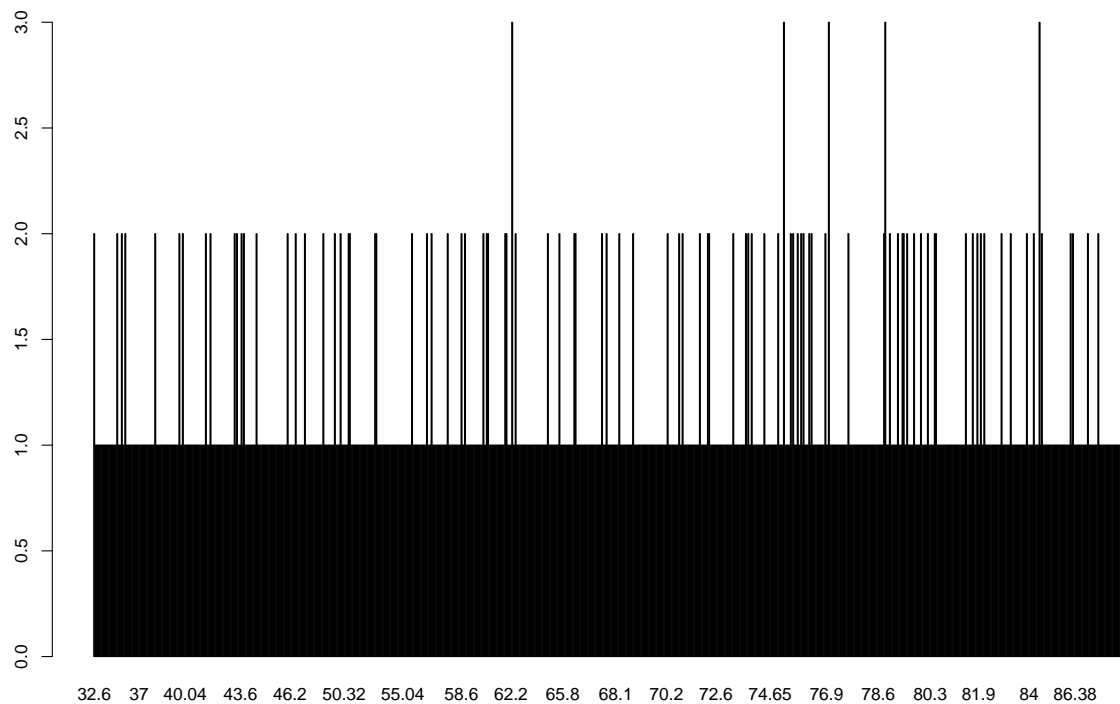
```
Gender <- advertising2$gender
Gender_frequency<- table(Gender)
Gender_frequency
```

```
## Gender
##   0   1
## 519 481
```

```
barplot(Gender_frequency,col="Red")
```
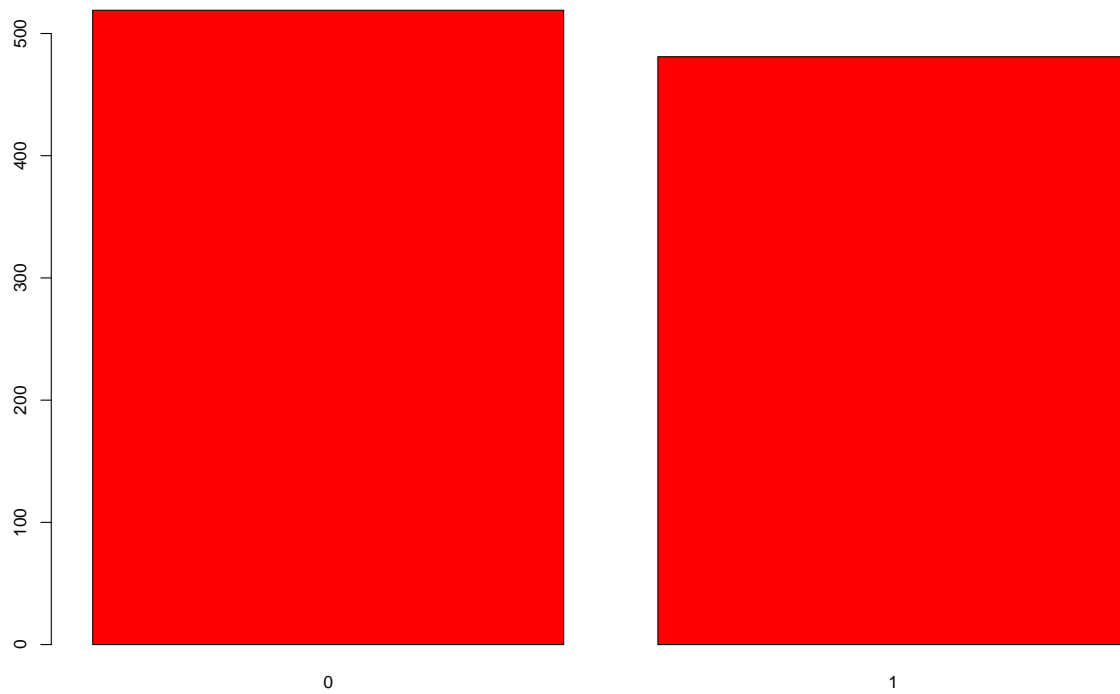
```
Clicked <- advertising2$clicked
Clicked_frequency<- table(Clicked)
Clicked_frequency
```

```
## Clicked
##   0   1
## 500 500
```

```
barplot(Clicked_frequency,col="Blue")
```
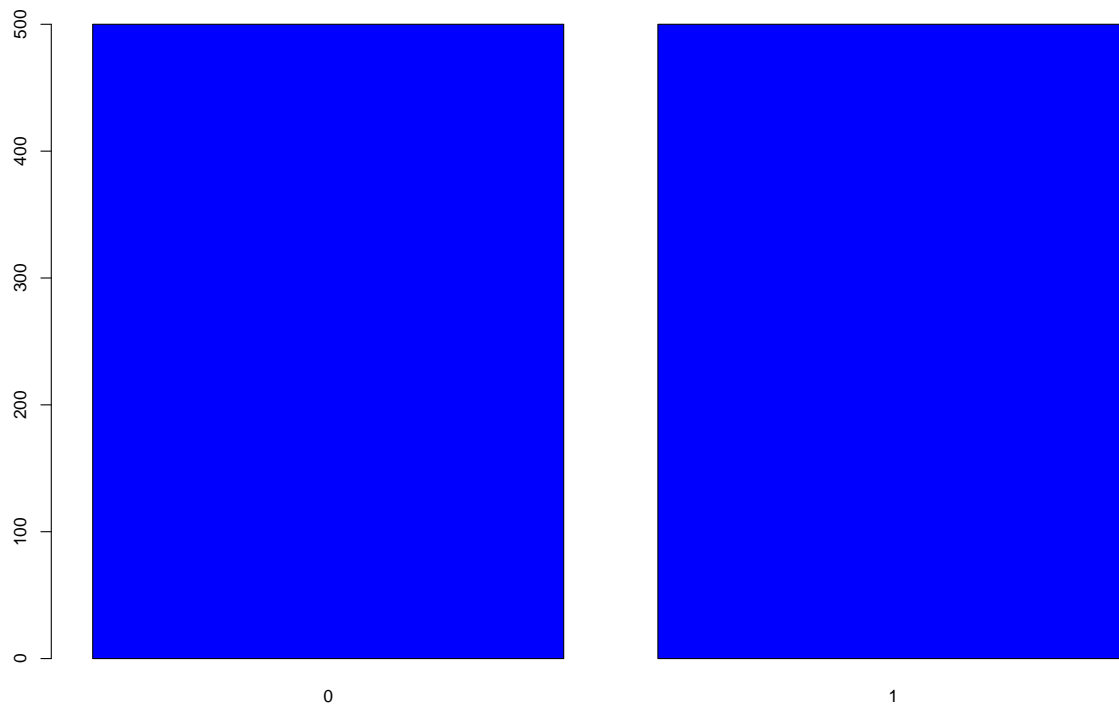
```r
boxplot.stats(advertising2$time)
```

```
## $stats
## [1] 32.600 51.340 68.215 78.555 91.430
##
## $n
## [1] 1000
##
## $conf
## [1] 66.85523 69.57477
##
## $out
## numeric(0)
```

```r
counts <- table(advertising2$day)
  barplot(counts, main="Frequency of Days",  xlab="Number of Days",col="green")
```

Frequency of Days

Number of Days
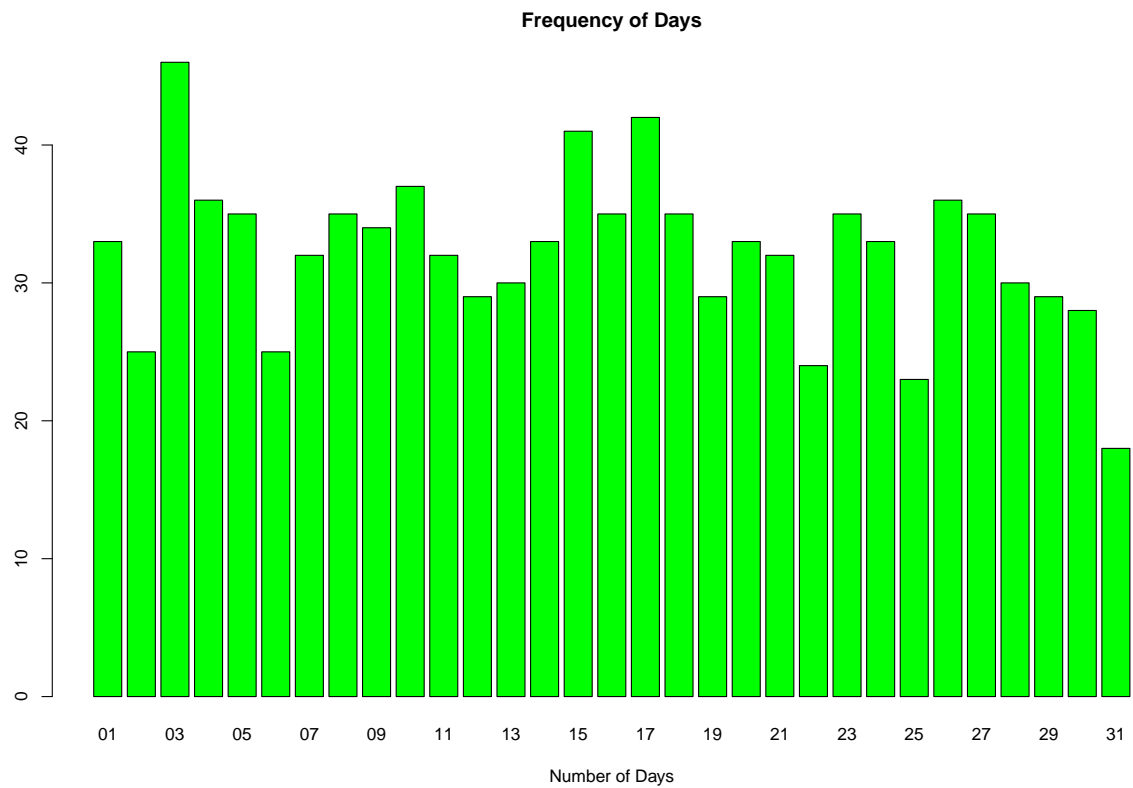
```r
counts <- table(advertising2$month)
  barplot(counts, main="Frequency of months",  xlab="Number ofmonths",col="purple")
```

Frequency of months

Number ofmonths
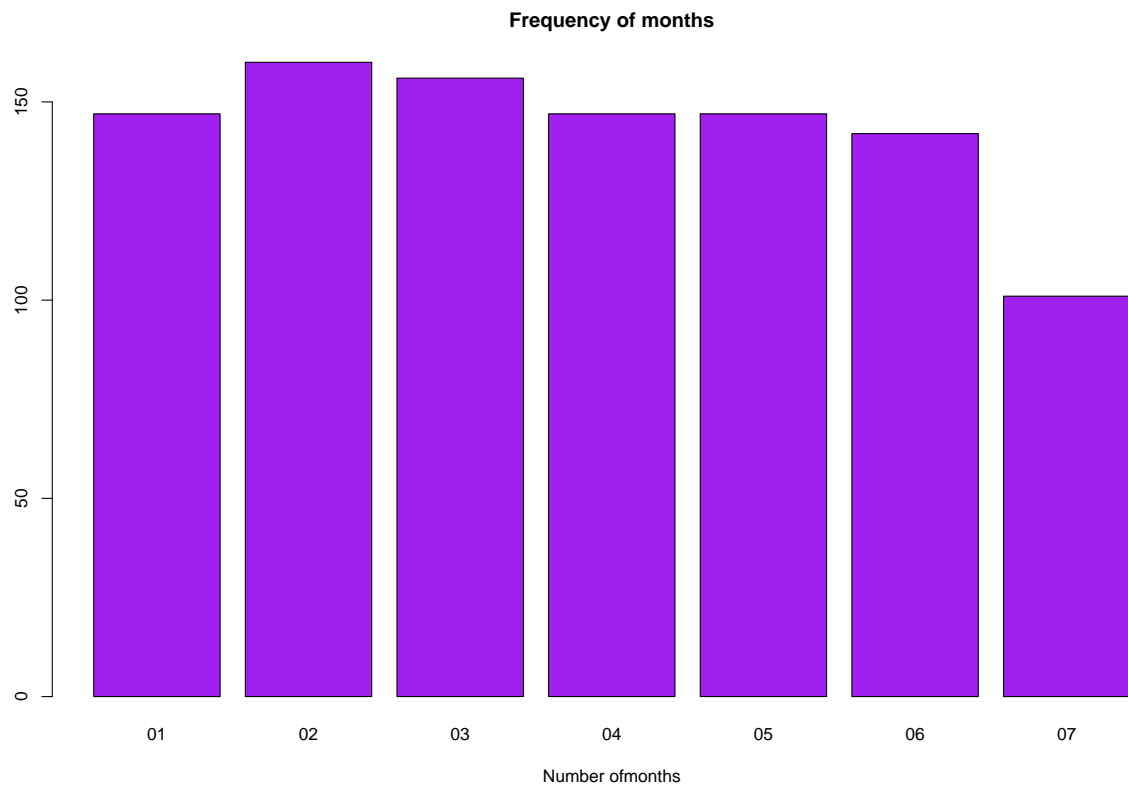
```
barplot(table(advertising2$Age), horiz=TRUE, main="age_frequencey",col="pink")
```

age_frequencey
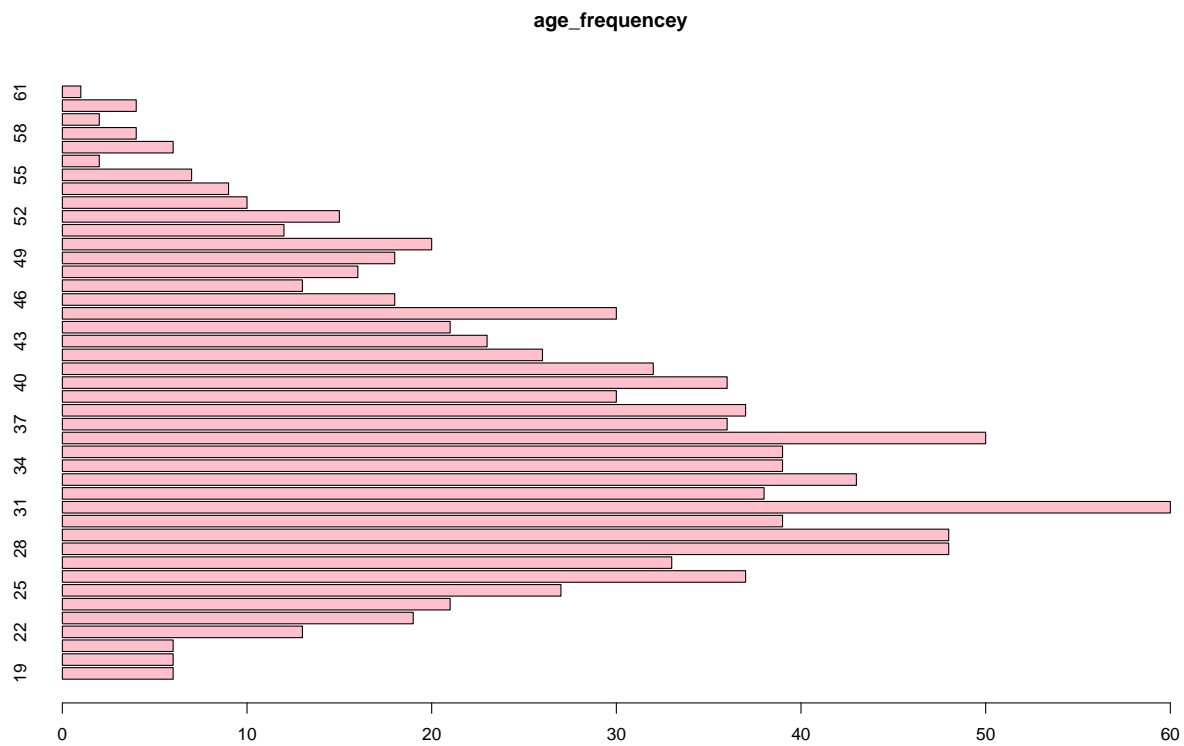
```r
boxplot(rt(100, 5), main="Boxplot")
```
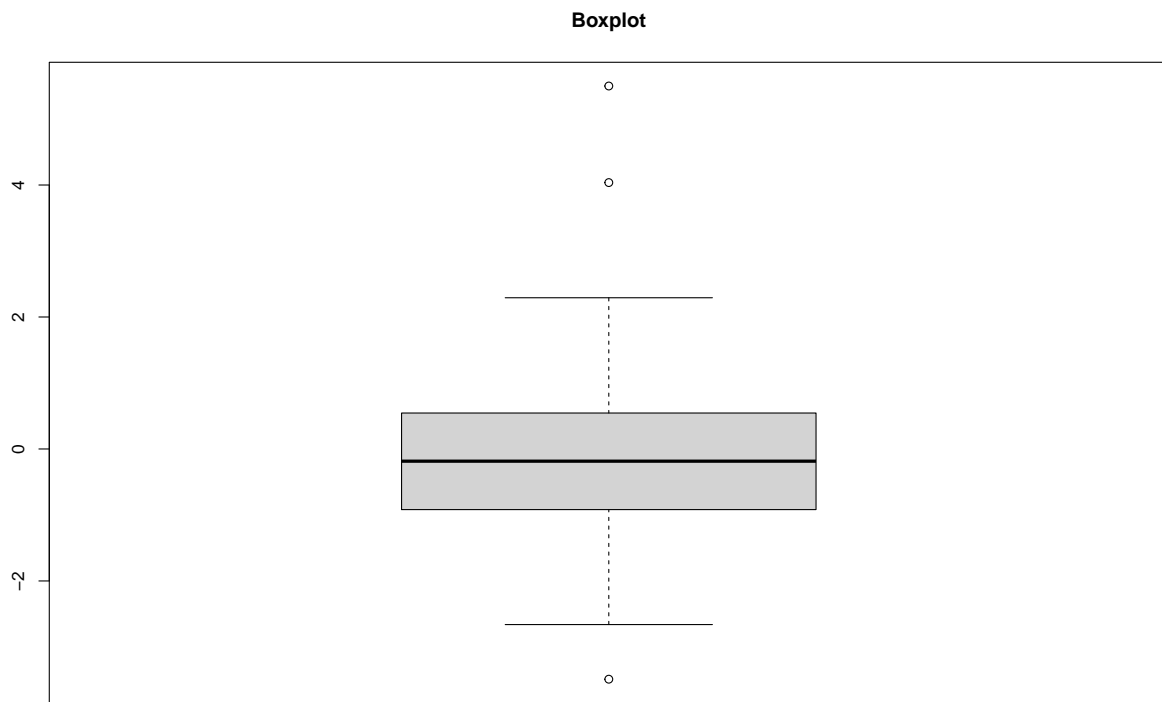
Boxplot


```
stripchart(sample(1:20, 10, replace=TRUE), method="stack", main="Stripchart")
```

Stripchart
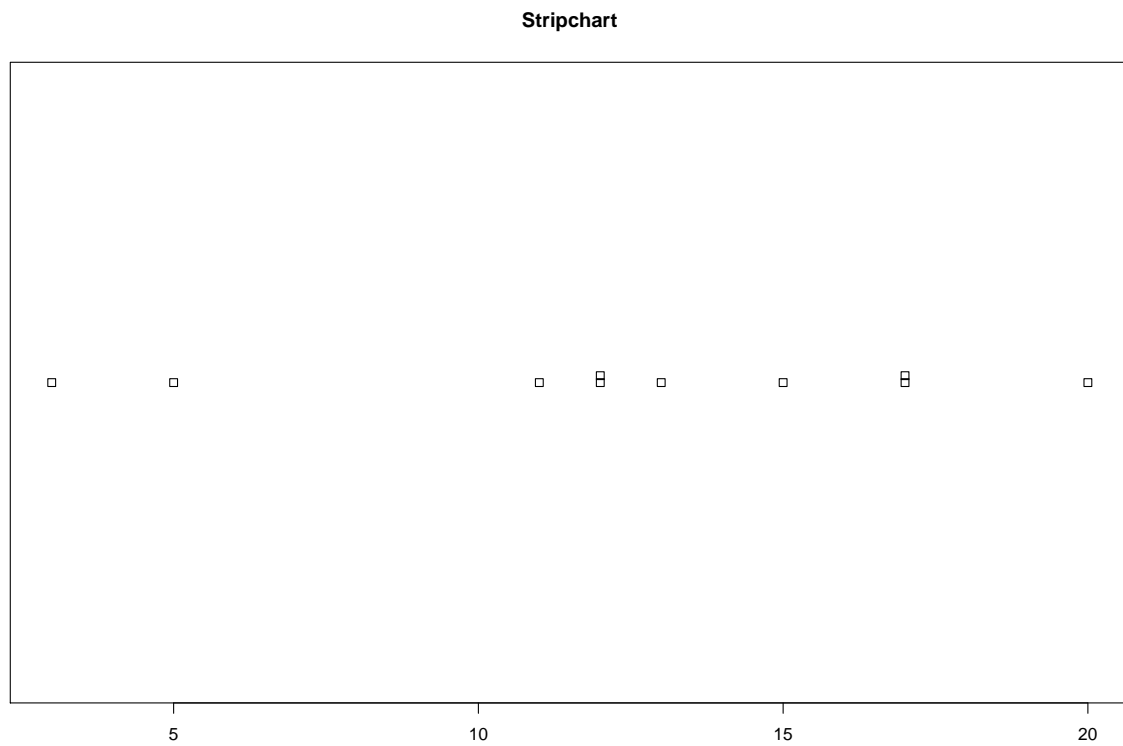

```
pie(table(sample(1:6, 10, replace=TRUE)), main="Piechart")
```

Piechart
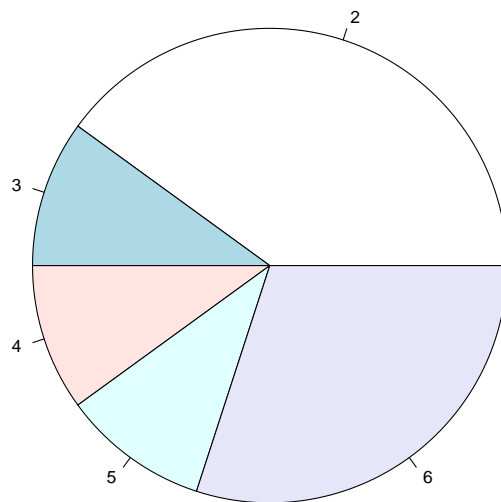

```
screen(1)
```

```
## [1] FALSE
```

```
barplot(advertising2$Age, main="Barplot")
```

Barplot
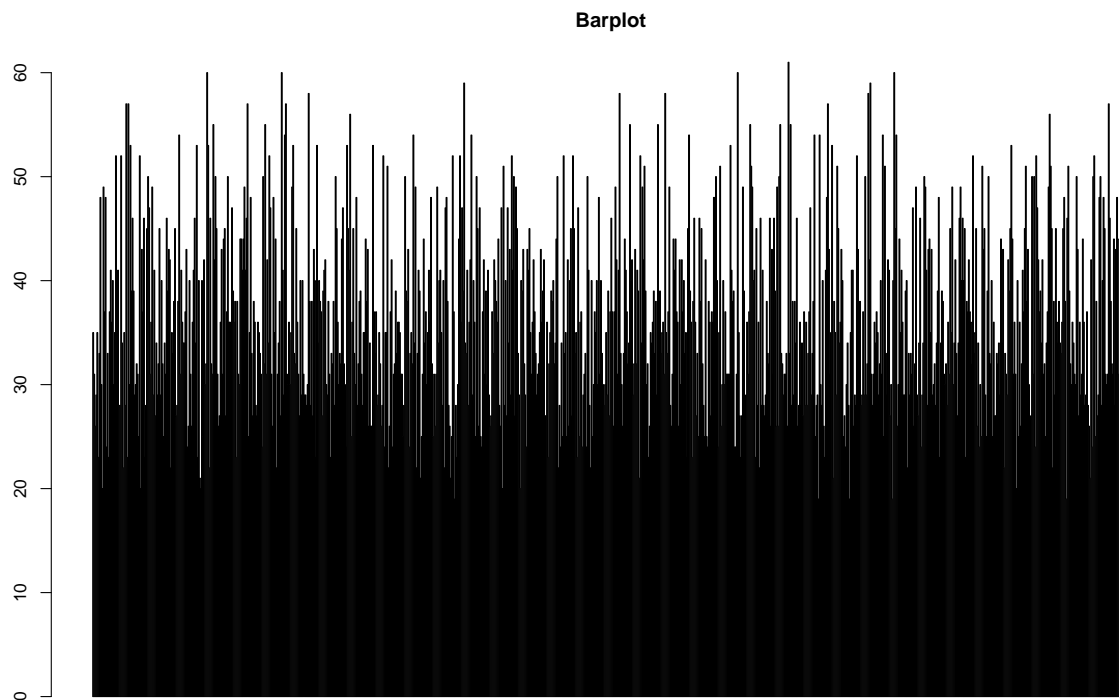

```
screen(2)
```

```
## [1] FALSE
```

```
boxplot(sample(1:20, 100, replace=TRUE) ~ gl(4, 25, labels=LETTERS[1:4]),
        col=rainbow(4), notch=TRUE, main="Boxplot")
```

```
## Warning in bxp(list(stats = structure(c(1, 6, 10, 16, 19, 3, 6, 12, 14, : some
## notches went outside hinges ('box'): maybe set notch=FALSE
```

Boxplot

gl(4, 25, labels = LETTERS[1:4])

```r
screen(3)
```

```
## [1] FALSE
```
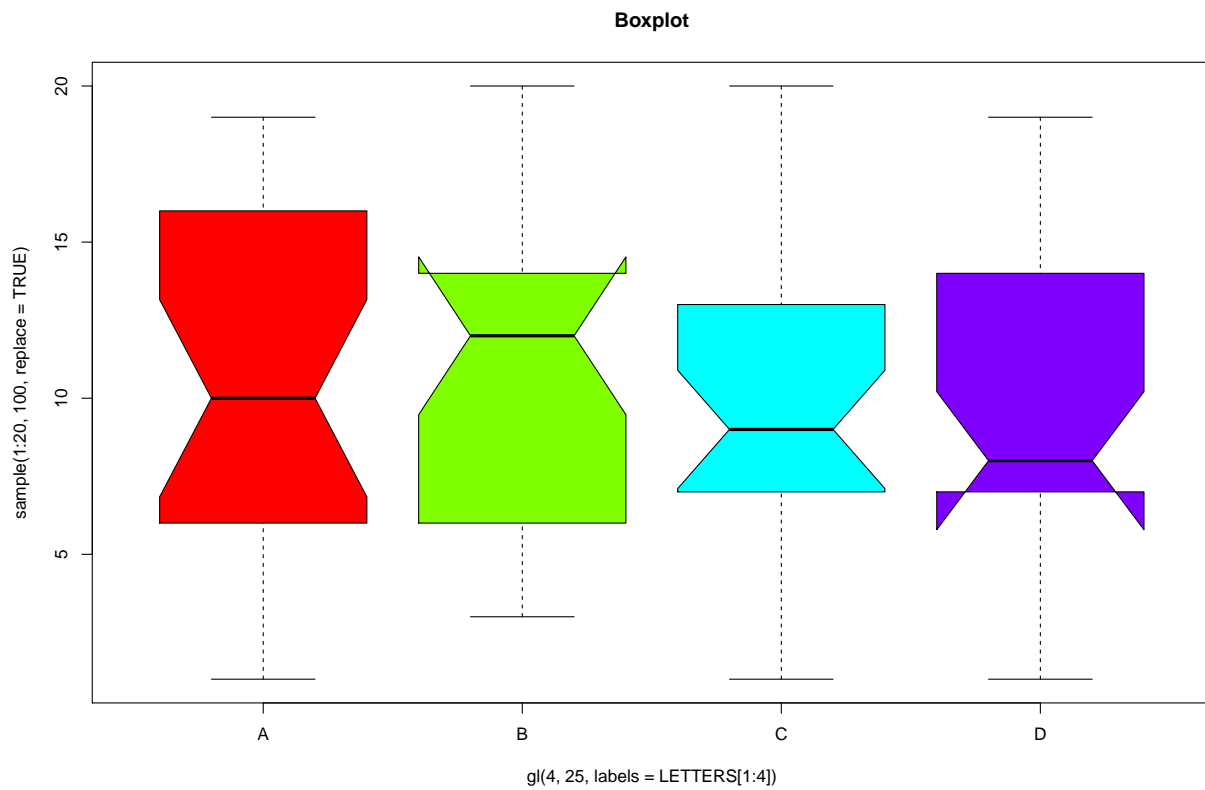
```r
plot(sample(1:20, 40, replace=TRUE), pch=20, xlab=NA, ylab=NA,
     main="Scatter plot")
```

Scatter plot
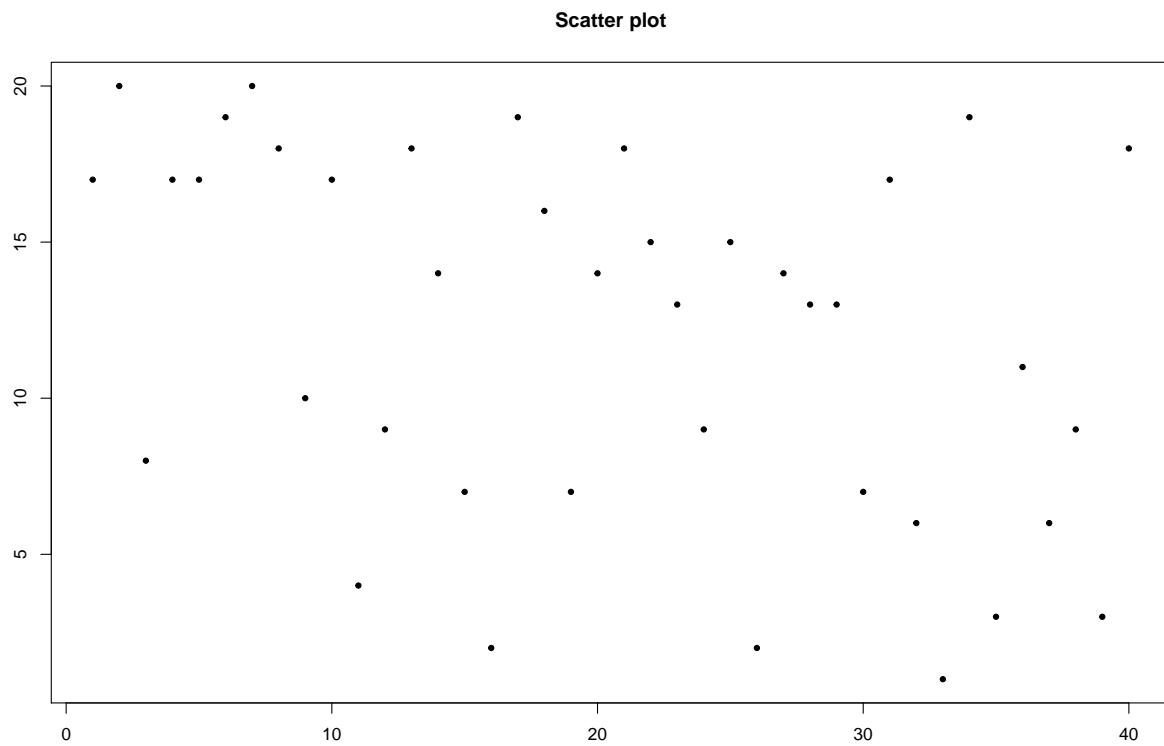

```
close.screen(all.screens=TRUE)
```

```
## [1] FALSE
```

10.Bivariate Analysis

```
plot(x = advertising2$day, y = advertising2$Age)
```
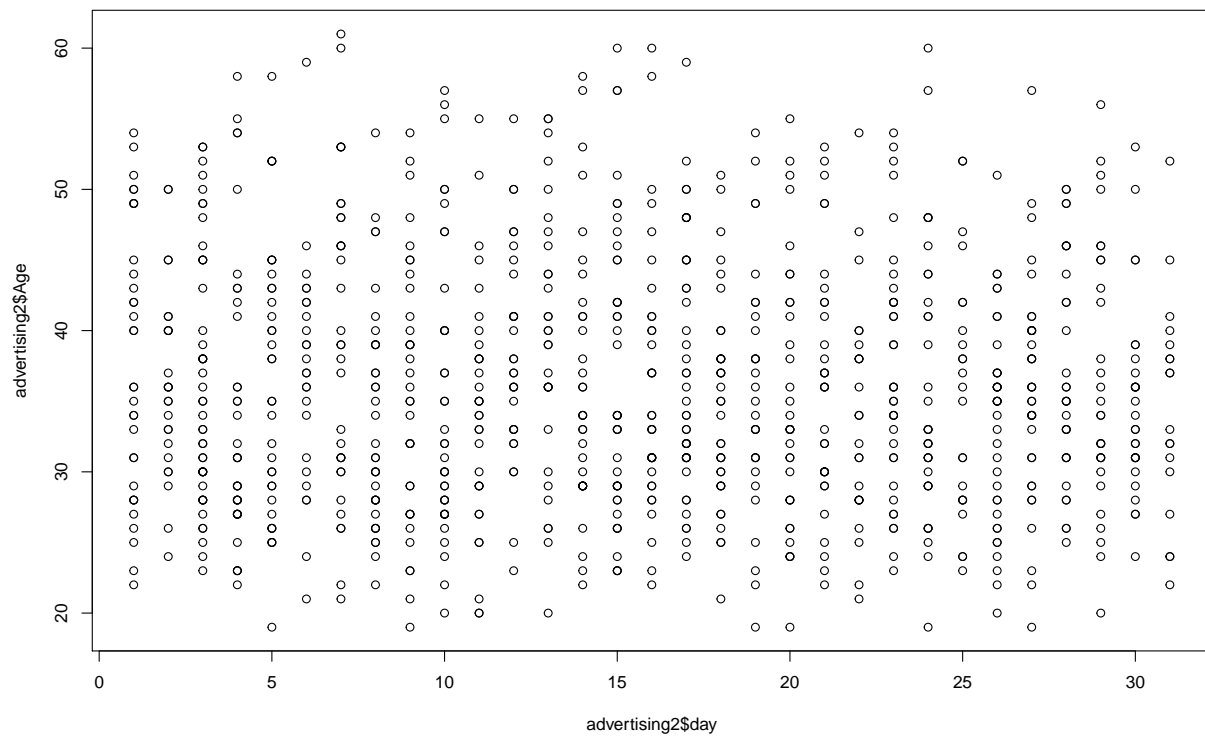
```r
library("ggplot2")
```

```
##
## Attaching package: 'ggplot2'
```

```
## The following objects are masked from 'package:psych':
##
##     %+%, alpha
```

```r
 #
geom_line()
```

```
## geom_line: na.rm = FALSE, orientation = NA
## stat_identity: na.rm = FALSE
## position_identity
```

```r
ggplot(data =advertising2,aes(x=time,y=income))+
  geom_line()
```
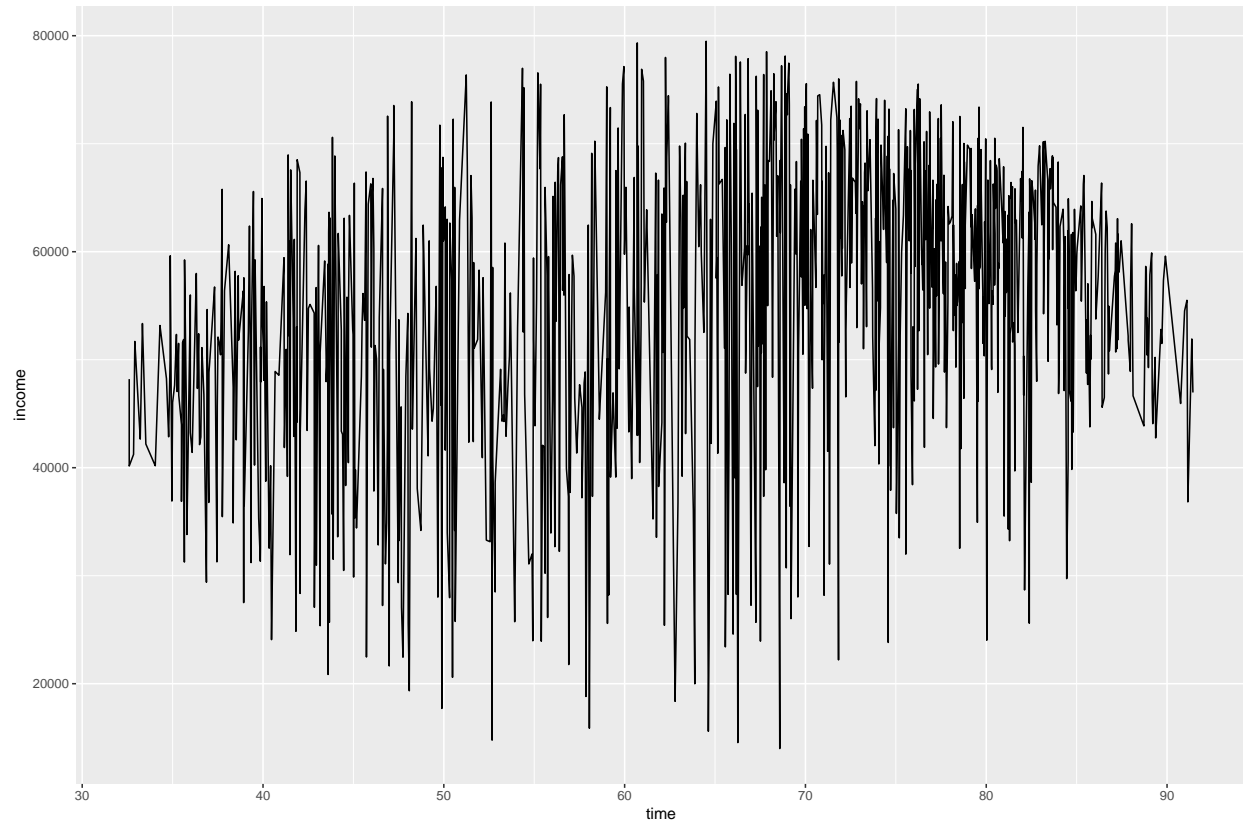
```r
library(knitr)
library(data.table)
```

```
## 
## Attaching package: 'data.table'
```

```
## The following object is masked from 'package:DescTools':
## 
##     %like%
```

```
## The following objects are masked from 'package:lubridate':
## 
##     hour, isoweek, mday, minute, month, quarter, second, wday, week,
##     yday, year
```

```
## The following object is masked from 'package:reshape':
## 
##     melt
```

```
## The following objects are masked from 'package:dplyr':
## 
##     between, first, last
```

```r
library(tidyverse)
```

```
## -- Attaching packages --------------------------------------- tidyverse 1.3.0 --
```

```
## v tibble  3.0.4     v stringr 1.4.0
## v readr   1.4.0     v forcats 0.5.0
## v purrr   0.3.4
```

```
## -- Conflicts ------------------------------------------ tidyverse_conflicts() --
## x ggplot2::%+%()        masks psych::%+%()
## x ggplot2::alpha()      masks psych::alpha()
## x plyr::arrange()       masks dplyr::arrange()
## x lubridate::as.difftime() masks base::as.difftime()
## x data.table::between()   masks dplyr::between()
## x purrr::compact()      masks plyr::compact()
## x plyr::count()         masks dplyr::count()
## x lubridate::date()     masks base::date()
## x tidyr::expand()       masks reshape::expand()
## x plyr::failwith()      masks dplyr::failwith()
## x dplyr::filter()       masks stats::filter()
## x data.table::first()   masks dplyr::first()
## x data.table::hour()    masks lubridate::hour()
## x plyr::id()            masks dplyr::id()
## x lubridate::intersect()  masks base::intersect()
## x data.table::isoweek()   masks lubridate::isoweek()
## x dplyr::lag()          masks stats::lag()
## x data.table::last()    masks dplyr::last()
## x data.table::mday()    masks lubridate::mday()
## x data.table::minute()  masks lubridate::minute()
## x data.table::month()   masks lubridate::month()
## x plyr::mutate()        masks dplyr::mutate()
## x data.table::quarter()   masks lubridate::quarter()
## x plyr::rename()        masks reshape::rename(), dplyr::rename()
## x data.table::second()  masks lubridate::second()
## x lubridate::setdiff()  masks base::setdiff()
## x lubridate::stamp()    masks reshape::stamp()
## x plyr::summarise()     masks dplyr::summarise()
## x plyr::summarize()     masks dplyr::summarize()
## x purrr::transpose()    masks data.table::transpose()
## x lubridate::union()    masks base::union()
## x data.table::wday()    masks lubridate::wday()
## x data.table::week()    masks lubridate::week()
## x data.table::yday()    masks lubridate::yday()
## x data.table::year()    masks lubridate::year()
```

```r
#install.packages("corrplot")
```

10a.Compute correlation matrix

```r
# function rcorr() [in Hmisc package] is used to compute the significance levels ##for pearson and spea

#install.packages("Hmisc")

#correlations
res <- cor(advertising2[0:4])
round(res, 2)
```

```
##          time    Age income usage
## time     1.00 -0.33   0.31  0.52
## Age     -0.33  1.00  -0.18 -0.37
## income   0.31 -0.18   1.00  0.34
## usage    0.52 -0.37   0.34  1.00
```

10b.correlations between varaiables

```r
#Correlation matrix with significance levels (p-value)
#library("Hmisc")
#rcorr(advertising2[0:4], type = c("pearson","spearman"))

#res2 <- rcorr(as.matrix(advertising2[0:4]))
#res2

# Extract the correlation coefficients
#res2$r
# Extract p-values
#res2$P

# flattenCorrMatrix
# cormat : matrix of the correlation coefficients
# pmat : matrix of the correlation p-values
flattenCorrMatrix <- function(cormat, pmat) {
  ut <- upper.tri(cormat)
  data.frame(
    row = rownames(cormat)[row(cormat)[ut]],
    column = rownames(cormat)[col(cormat)[ut]],
    cor  =(cormat)[ut],
    p = pmat[ut]
    )
}

#res2<-rcorr(as.matrix(advertising[,0:4]))
#flattenCorrMatrix(res2$r, res2$P)

 #visualizecorrelation matrix
#The R function symnum() replaces correlation coefficients by symbols according to the level of the cor
symnum(res, abbr.colnames = FALSE)
```

```
##         time Age income usage
```

```
## time   1
## Age    .    1
## income .         1
## usage  .    .    .    1
## attr(,"legend")
## [1] 0 ' ' 0.3 '.' 0.6 ',' 0.8 '+' 0.9 '*' 0.95 'B' 1
```

```r
#install.packages("corrplot")#plotting visually enhanced corr matrix
```

.

```r
#Positive correlations are displayed in blue and negative correlations in red #color. Color intensity a
library(corrplot)
```

```
## corrplot 0.84 loaded
```

```r
corrplot(res, type = "upper", order = "hclust",
         tl.col = "black", tl.srt = 45)
```
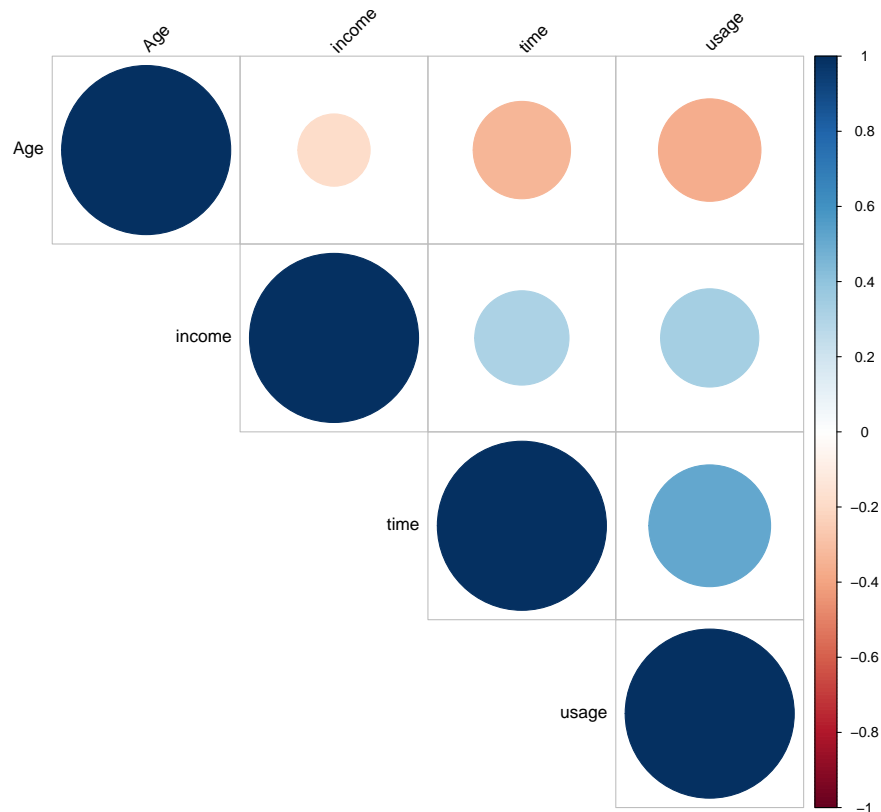

10c.multivariate Analysis (heatmaps)

```r
#The function chart.Correlation()[ in the package PerformanceAnalytics],is used to display a chart of a
#install.packages("PerformanceAnalytics")
```

```r
library("PerformanceAnalytics")
```

```
## Loading required package: xts
```

```
## Loading required package: zoo
```

```
##
## Attaching package: 'zoo'
```

```
## The following objects are masked from 'package:base':
##
##     as.Date, as.Date.numeric
```

```
##
## Attaching package: 'xts'
```

```
## The following objects are masked from 'package:data.table':
##
##     first, last
```

```
## The following objects are masked from 'package:dplyr':
##
##     first, last
```

```
##
## Attaching package: 'PerformanceAnalytics'
```

```
## The following object is masked from 'package:graphics':
##
##     legend
```

```r
my_data <- advertising[0:4, c(0,1,2,3,4)]
chart.Correlation(my_data, histogram=TRUE, pch=19)
```
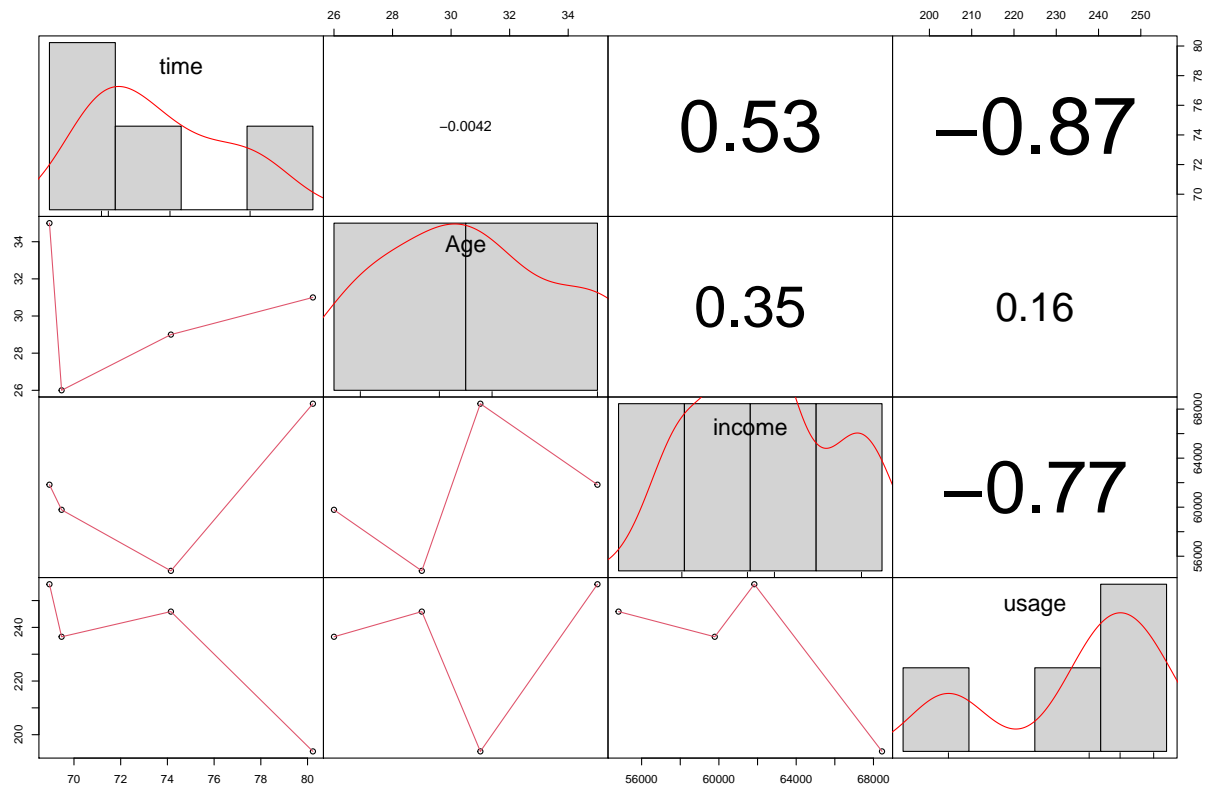
heatmap() x : the correlation matrix to be plotted col : color palettes symm : logical indicating if x should be treated symmetrically; can only be true when x is a square matrix.

```
# Get some colors
col<- colorRampPalette(c("blue", "white", "red"))(20)
heatmap(x = res, col = col, symm = TRUE)
```
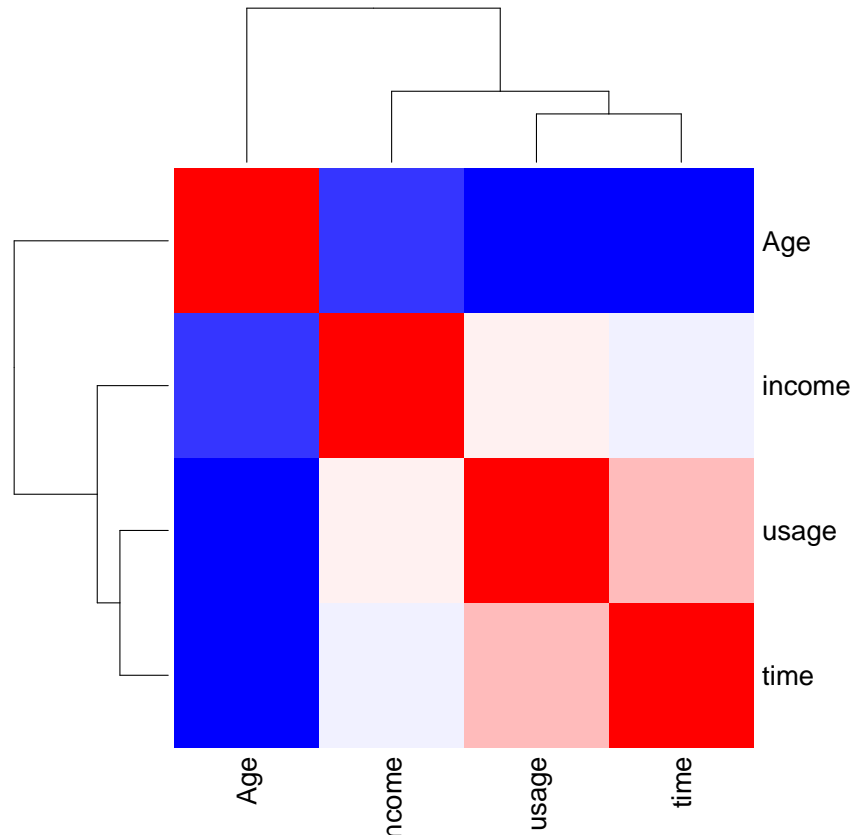
```r
#gcorrplot can be installed from CRAN as follow:
#install.packages("ggcorrplot")
```

```r
library(ggcorrplot)
```

```r
# Compute a correlation matrix
corr <- round(cor((advertising2[0:3])),1)
corr
```

```
##        time  Age income
## time    1.0 -0.3    0.3
## Age    -0.3  1.0   -0.2
## income  0.3 -0.2    1.0
```

```r
# Compute a matrix of correlation p-values
p.mat <- cor_pmat(advertising2[0:3])
head(p.mat[, 1:3])
```

```
##                 time          Age       income
## time   0.000000e+00 4.446423e-27 7.371227e-24
## Age    4.446423e-27 0.000000e+00 6.019232e-09
## income 7.371227e-24 6.019232e-09 0.000000e+00
```

```r
# Visualize the correlation matrix
# --------------------------------
# method = "square" (default)
ggcorrplot(corr)
```
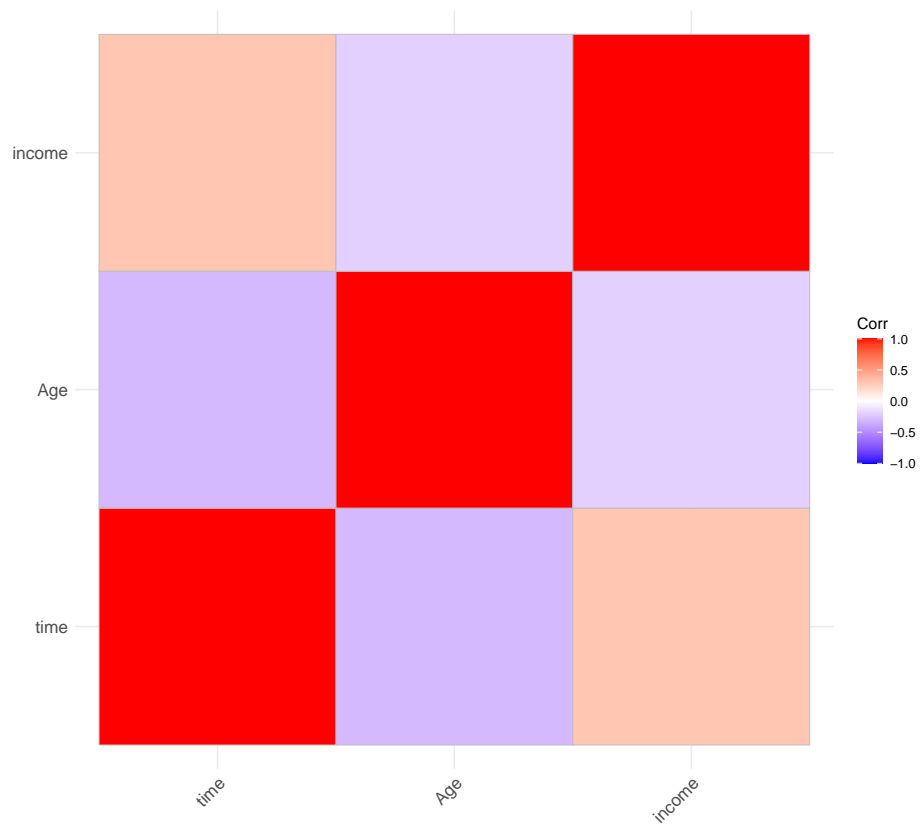


```r
# method = "circle"
ggcorrplot(corr, method = "circle")
```
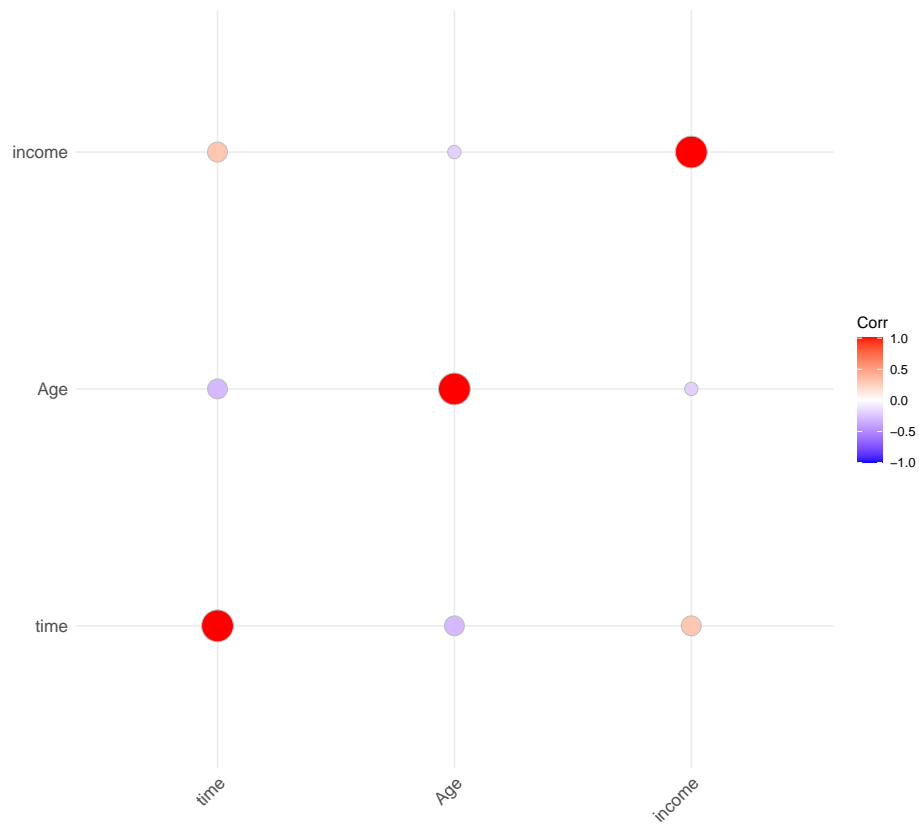
```
# Reordering the correlation matrix
# -------------------------------
# using hierarchical clustering
ggcorrplot(corr, hc.order = TRUE, outline.col = "white")
```
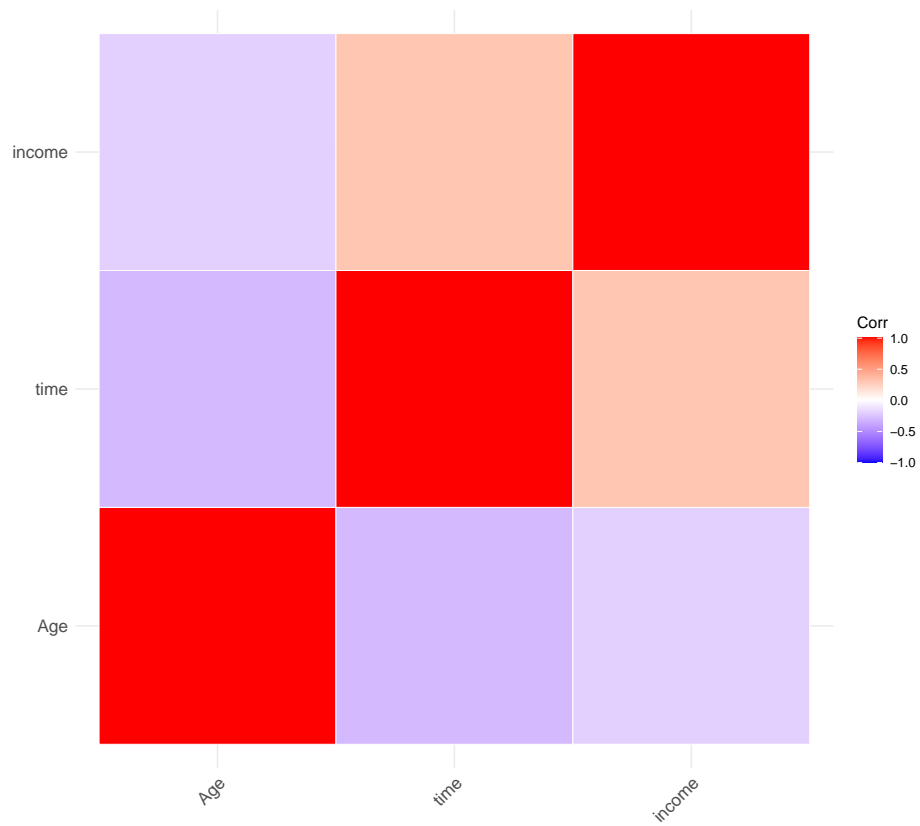
```
# Types of correlogram layout
# --------------------------------
# Get the lower triangle
ggcorrplot(corr, hc.order = TRUE, type = "lower",
    outline.col = "white")
```
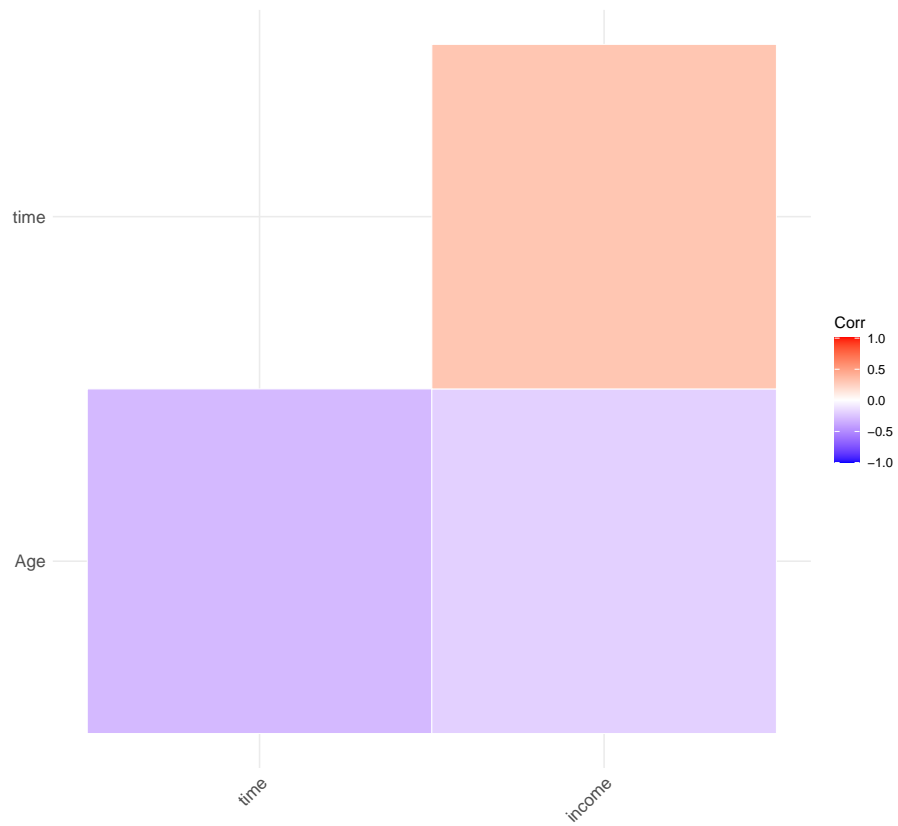
```
# Get the upeper triangle
ggcorrplot(corr, hc.order = TRUE, type = "upper",
    outline.col = "white")
```
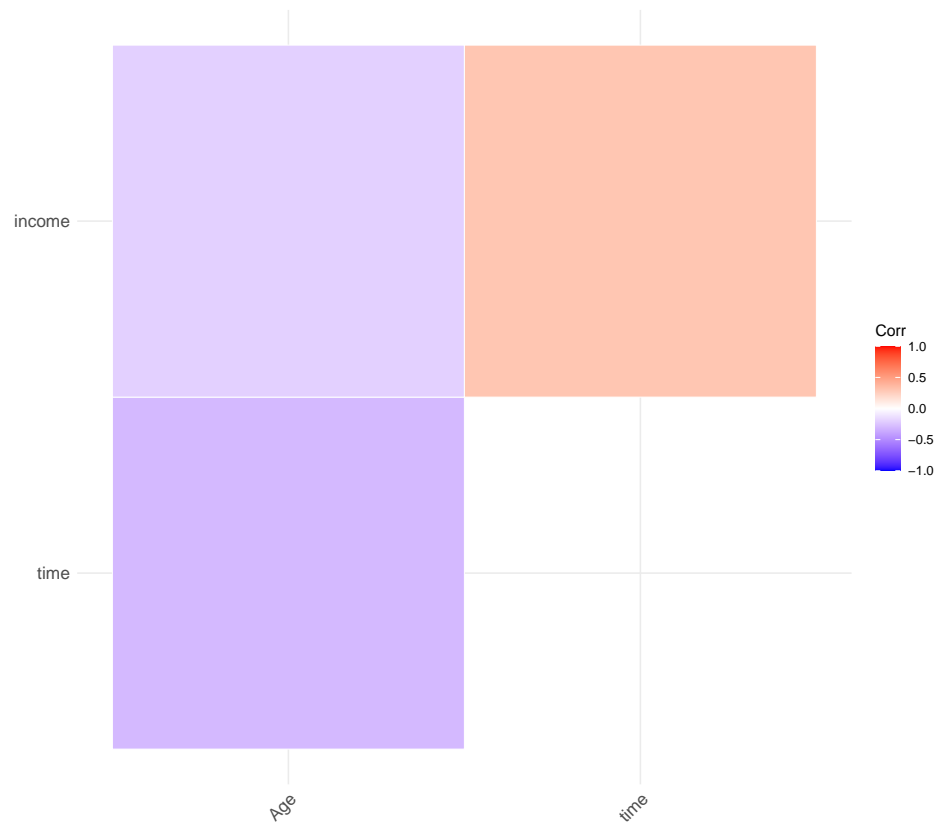
```
# Change colors and theme
# --------------------------------
# Argument colors
ggcorrplot(corr, hc.order = TRUE, type = "lower",
   outline.col = "white",
   ggtheme = ggplot2::theme_gray,
   colors = c("#6D9EC1", "white", "#E46726"))
```
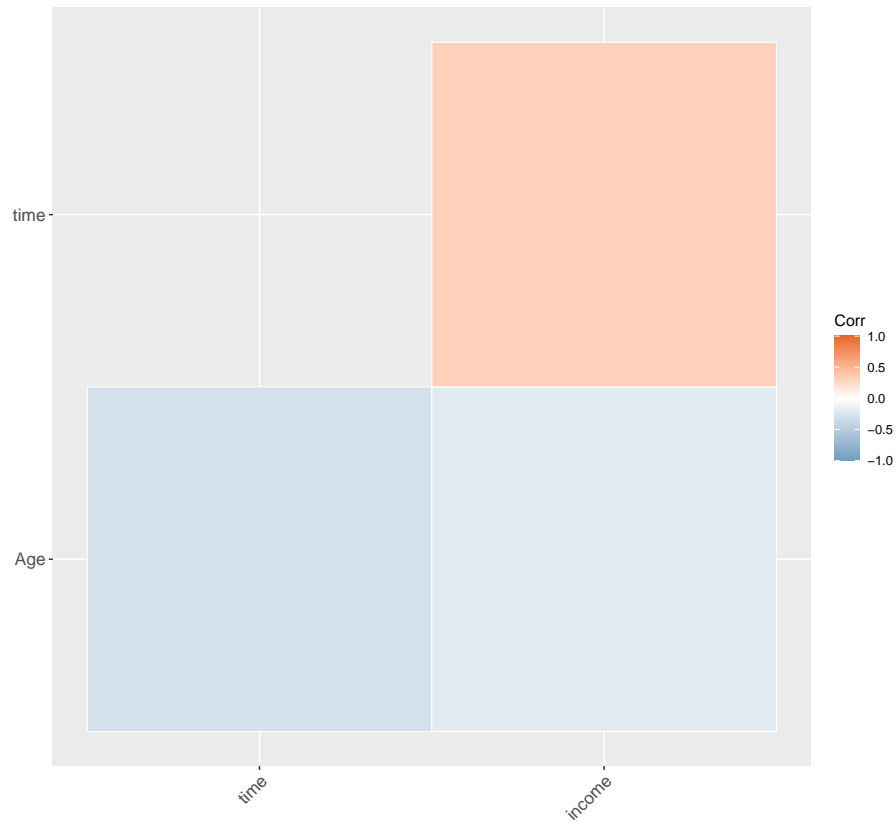
```
# Add correlation coefficients
# ------------------------------
# argument lab = TRUE
ggcorrplot(corr, hc.order = TRUE, type = "lower",
    lab = TRUE)
```
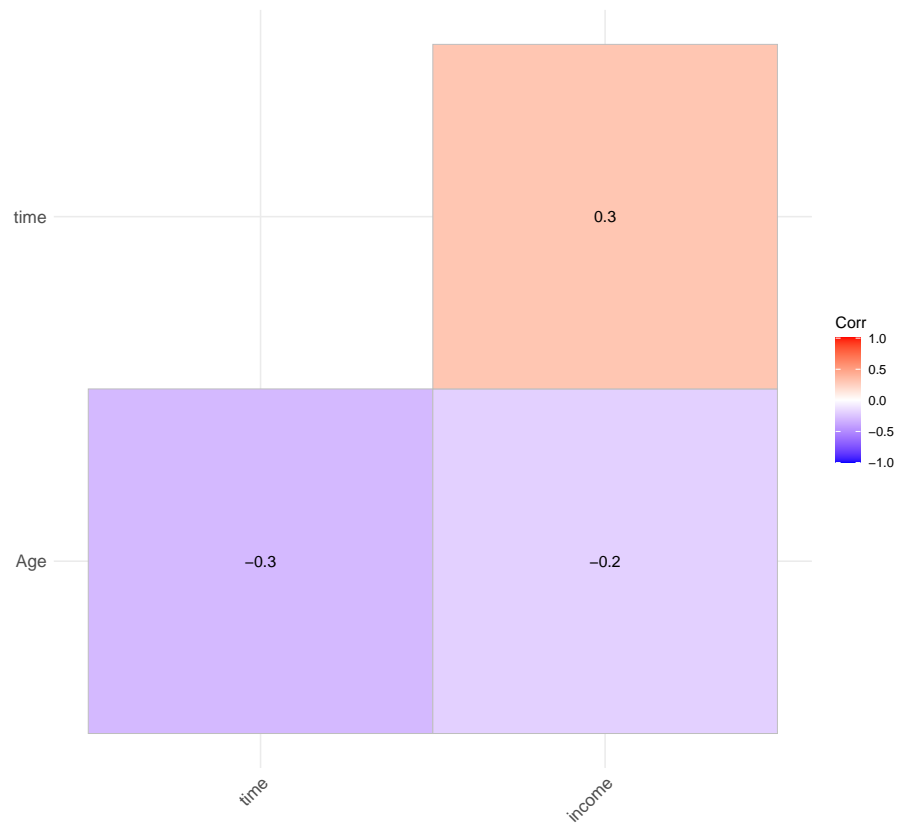
```
# Add correlation significance level
# --------------------------------
# Argument p.mat
ggcorrplot(corr, hc.order = TRUE,
    type = "lower", p.mat = p.mat)
```
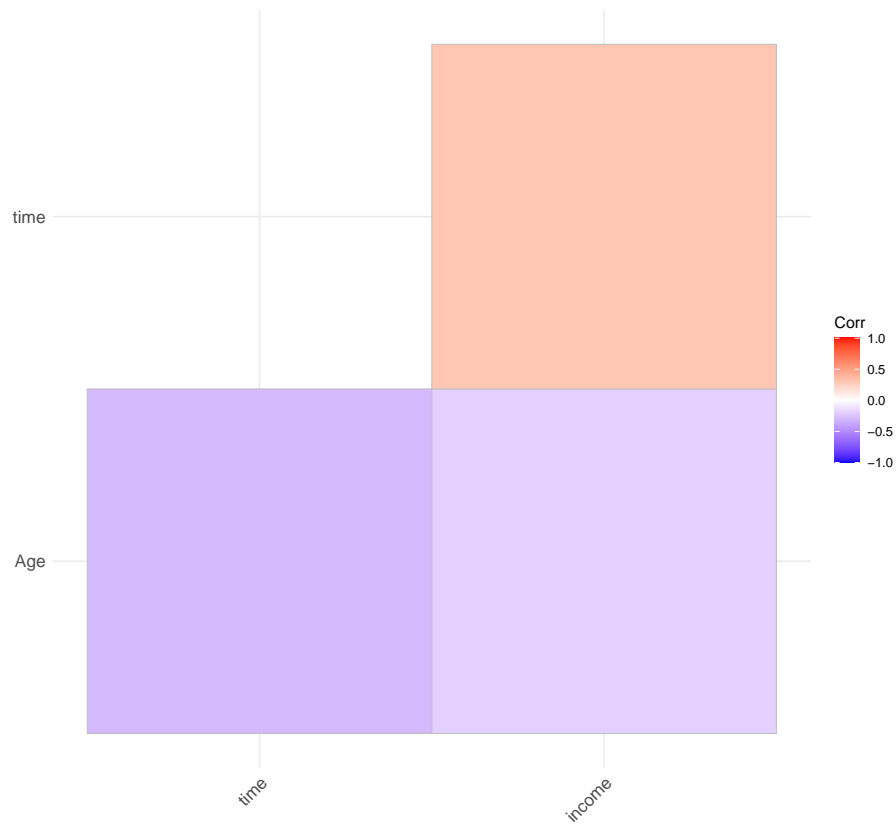
```
# Leave blank on no significant coefficient
ggcorrplot(corr, p.mat = p.mat, hc.order = TRUE,
    type = "lower", insig = "blank")
```
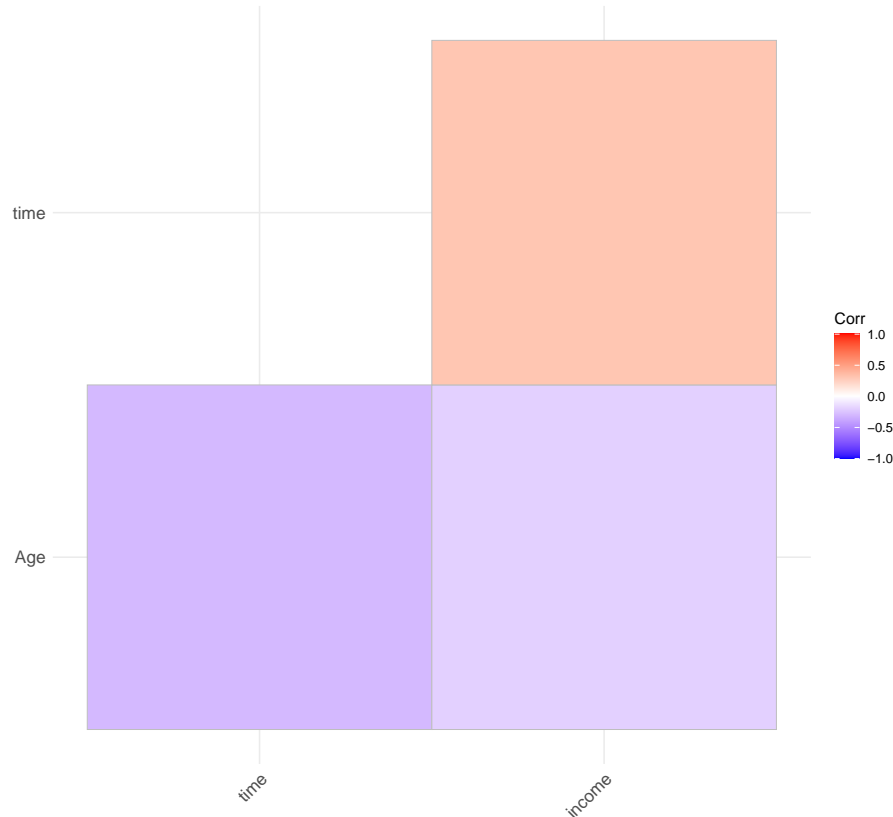
11.Observations

The data was clean and complete i.e. contained no outliers and no missing values.

The modal age was 31 years and the range was between 19 and 61.

Most of the individuals spent around 62.26 Minutes on the site.The time ranged from 32.60 minutes to 91.43.

The Average Area Income of the individuals was 55,000 which ranged between 13,996.5 and 79,484.80

The Daily Internet Usage had an average of 180 Mbs and ranged between 104.78 and 269.96

The most frequent cities were; Lake Faith and West Ryan

The most frequent Countries were; Fiji and Chad.

The number of females was more than that of male counterparts.

The number of individuals who clicked on the advert and those who didn't were equal at 500.

There are negative correlations between the following variables 1.Area Income and Daily Time Spent on Site 2.gender and Daily Time Spent on Site 3.Clicking on the Advert and Daily Time Spent on Site. 4.Income and Age 5.Daily Internet Usage and Age 6.gender and Age 7.Income and Age 8.Income and Clicking on the Advert 9.Daily Internet usage and Clicking on the advert. 10.gender and Clicking on the Advert

There were positive Correlations between the following variables: 1.Age and Clicking on the advert 2.gender and Daily Internet Usage 3.gender and Income 4.Daily Time Spent on Site and Daily Internet Usage. 5.Income and Daily Time Spent on Site 6.Income and Daily Internet Usage 7.Income and gender 8.Age and Clicking on the Advert.

The heatmaps showed a higher correlation between

12. Conclusuion

The dataset was appropriate. it contained no missing values and minimal outliers amongst the varaibles Both univariate and Bivariate analysis revealed that the dataset is collinear, hence it can be analysed better by use of a classification algorithms.