NYPD Shooting Incidents RMD

2022-11-08

##NYPD Shooting Incidents Data

###Libraries I being by importing the tidyverse & lubridate libraries.

```
library(tidyverse)
```

```
## -- Attaching packages --------------------------------------- tidyverse 1.3.2 --
## v ggplot2 3.4.0      v purrr   0.3.5
## v tibble  3.1.8      v dplyr   1.0.10
## v tidyr   1.2.1      v stringr 1.4.1
## v readr   2.1.3      v forcats 0.5.2
## -- Conflicts ------------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```
library(lubridate)
```

```
## Loading required package: timechange
##
## Attaching package: 'lubridate'
##
## The following objects are masked from 'package:base':
##
##     date, intersect, setdiff, union
```

```
library(ggrepel)
```

###Load the Data After importing my libraries, I load the data from a csv located at the following url: https://data.cityofnewyork.us/api/views/833y-fsy8/rows.csv?accessType=DOWNLOAD

```
url <- "https://data.cityofnewyork.us/api/views/833y-fsy8/rows.csv?accessType=DOWNLOAD"

NYPDShooting <- read.csv(url)

summary(NYPDShooting)
```

```
##   INCIDENT_KEY        OCCUR_DATE         OCCUR_TIME            BORO
##  Min.   :  9953245   Length:25596       Length:25596       Length:25596
##  1st Qu.: 61593633   Class :character   Class :character   Class :character
##  Median : 86437258   Mode  :character   Mode  :character   Mode  :character
##  Mean   :112382648
##  3rd Qu.:166660833
```

```
##  Max.   :238490103
##
##     PRECINCT      JURISDICTION_CODE LOCATION_DESC      STATISTICAL_MURDER_FLAG
##  Min.   :  1.00   Min.   :0.0000    Length:25596       Length:25596
##  1st Qu.: 44.00   1st Qu.:0.0000    Class :character   Class :character
##  Median : 69.00   Median :0.0000    Mode  :character   Mode  :character
##  Mean   : 65.87   Mean   :0.3316
##  3rd Qu.: 81.00   3rd Qu.:0.0000
##  Max.   :123.00   Max.   :2.0000
##                   NA's   :2
##  PERP_AGE_GROUP       PERP_SEX          PERP_RACE         VIC_AGE_GROUP
##  Length:25596       Length:25596       Length:25596       Length:25596
##  Class :character   Class :character   Class :character   Class :character
##  Mode  :character   Mode  :character   Mode  :character   Mode  :character
##
##
##
##
##    VIC_SEX             VIC_RACE           X_COORD_CD        Y_COORD_CD
##  Length:25596       Length:25596       Min.   : 914928   Min.   :125757
##  Class :character   Class :character   1st Qu.:1000011   1st Qu.:182782
##  Mode  :character   Mode  :character   Median :1007715   Median :194038
##                                        Mean   :1009455   Mean   :207894
##                                        3rd Qu.:1016838   3rd Qu.:239429
##                                        Max.   :1066815   Max.   :271128
##
##     Latitude       Longitude        Lon_Lat
##  Min.   :40.51   Min.   :-74.25   Length:25596
##  1st Qu.:40.67   1st Qu.:-73.94   Class :character
##  Median :40.70   Median :-73.92   Mode  :character
##  Mean   :40.74   Mean   :-73.91
##  3rd Qu.:40.82   3rd Qu.:-73.88
##  Max.   :40.91   Max.   :-73.70
##
```

###Cleaning the Data

Next, we want to see a cleaned up version of the data by removing some columns that I won't be using, formatting my date column, and adding a few more date options.

```
tidyNYPDShooting <- NYPDShooting %>%
  mutate(date = mdy(OCCUR_DATE), time = hms(OCCUR_TIME), borough = BORO, wasMurder = STATISTICAL_MURDER
  select(date, time, borough, wasMurder, perpAgeGroup, perpSex, perpRace, vicAgeGroup, vicSex, vicRace)

summary(tidyNYPDShooting)
```

```
##       date                 time                           borough
##  Min.   :2006-01-01   Min.   :0S                         Length:25596
##  1st Qu.:2009-05-10   1st Qu.:3H 23M 0S                  Class :character
##  Median :2012-08-26   Median :15H 10M 0S                 Mode  :character
##  Mean   :2013-06-13   Mean   :12H 39M 17.9910923581774S
##  3rd Qu.:2017-07-01   3rd Qu.:20H 45M 0S
##  Max.   :2021-12-31   Max.   :23H 59M 0S
##   wasMurder         perpAgeGroup         perpSex            perpRace
```

```
##  Length:25596       Length:25596       Length:25596       Length:25596
##  Class :character   Class :character   Class :character   Class :character
##  Mode  :character   Mode  :character   Mode  :character   Mode  :character
##
##
##
##  vicAgeGroup           vicSex            vicRace
##  Length:25596       Length:25596       Length:25596
##  Class :character   Class :character   Class :character
##  Mode  :character   Mode  :character   Mode  :character
##
##
##
```

###Group by Year & Borough

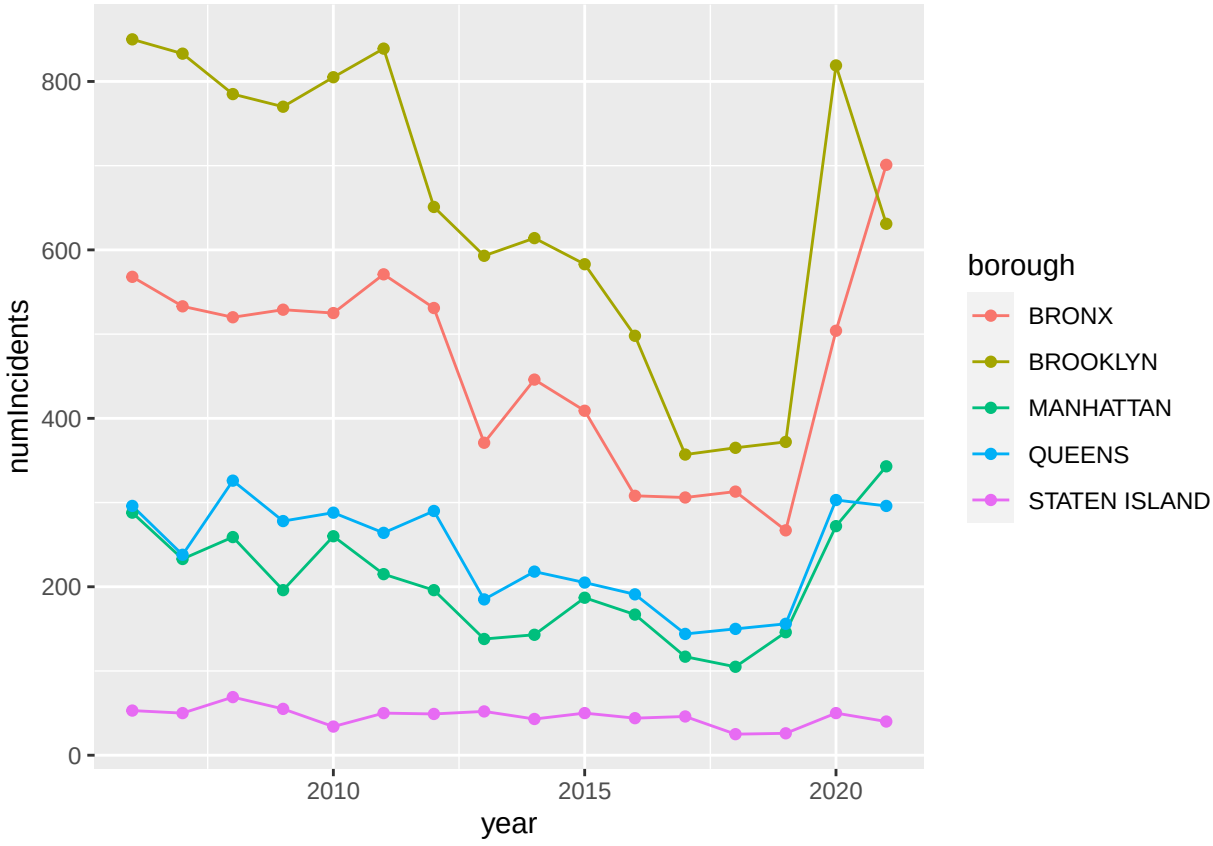
Here I am grouping the incidents by the borough where the incident occured over each year.

```
shootingsByYearBorough <- tidyNYPDShooting %>%
    group_by(borough, year = year(date)) %>%
    tally() %>%
    mutate(numIncidents = n) %>%
    select(borough, year, numIncidents)

summary(shootingsByYearBorough)
```

```
##    borough               year       numIncidents
##  Length:80          Min.   :2006   Min.   : 25.0
##  Class :character   1st Qu.:2010   1st Qu.:143.8
##  Mode  :character   Median :2014   Median :275.0
##                     Mean   :2014   Mean   :319.9
##                     3rd Qu.:2017   3rd Qu.:508.0
##                     Max.   :2021   Max.   :850.0
```

###Visualize the Number of Incidents by Year & Borough Next, I want to visualize the shootings that occurred in each borough over each year. This shows a gradual decline from 2006 to 2019 and a significant increase after 2019. You can also see that Bronx & Brooklyn boroughs have more incidents each year than the other boroughs.

```
ggplot(data = shootingsByYearBorough, aes(x = year, y = numIncidents, group = borough)) +
    geom_line(aes(color = borough)) +
    geom_point(aes(color = borough))
```



###Group by Month and Borough

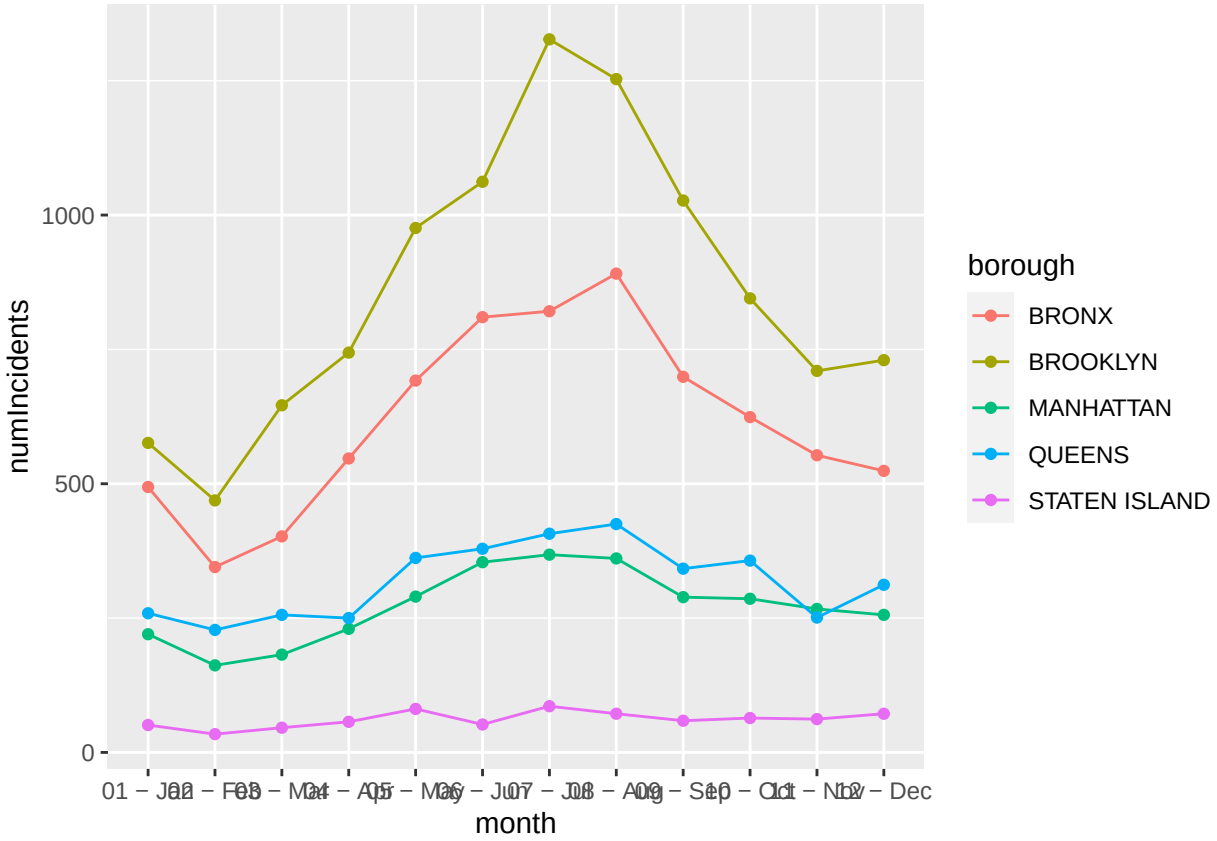
I wanted to see if there is a trend in the number of incidents based on seasonality by grouping the data by month and borough.

```
shootingsByMonthBorough <- tidyNYPDShooting %>%
    group_by(borough, month = paste(format(date, '%m'), month.abb[month(date)], sep = " - ")) %>%
    tally() %>%
    mutate(numIncidents = n) %>%
    select(borough, month, numIncidents)
```

###Visualize the Number of Incidents by Month and Borough

Again, I visualize the data in a line graph. You can begin to see a trend in the seasonality of shootings now. There seem to be more shooting incidents in the warmer months, and this tends to go down in the colder months.

```
ggplot(data = shootingsByMonthBorough, aes(x = month, y = numIncidents, group = borough)) +
    geom_line(aes(color = borough)) +
    geom_point(aes(color = borough))
```



###Group by Hour & Borough

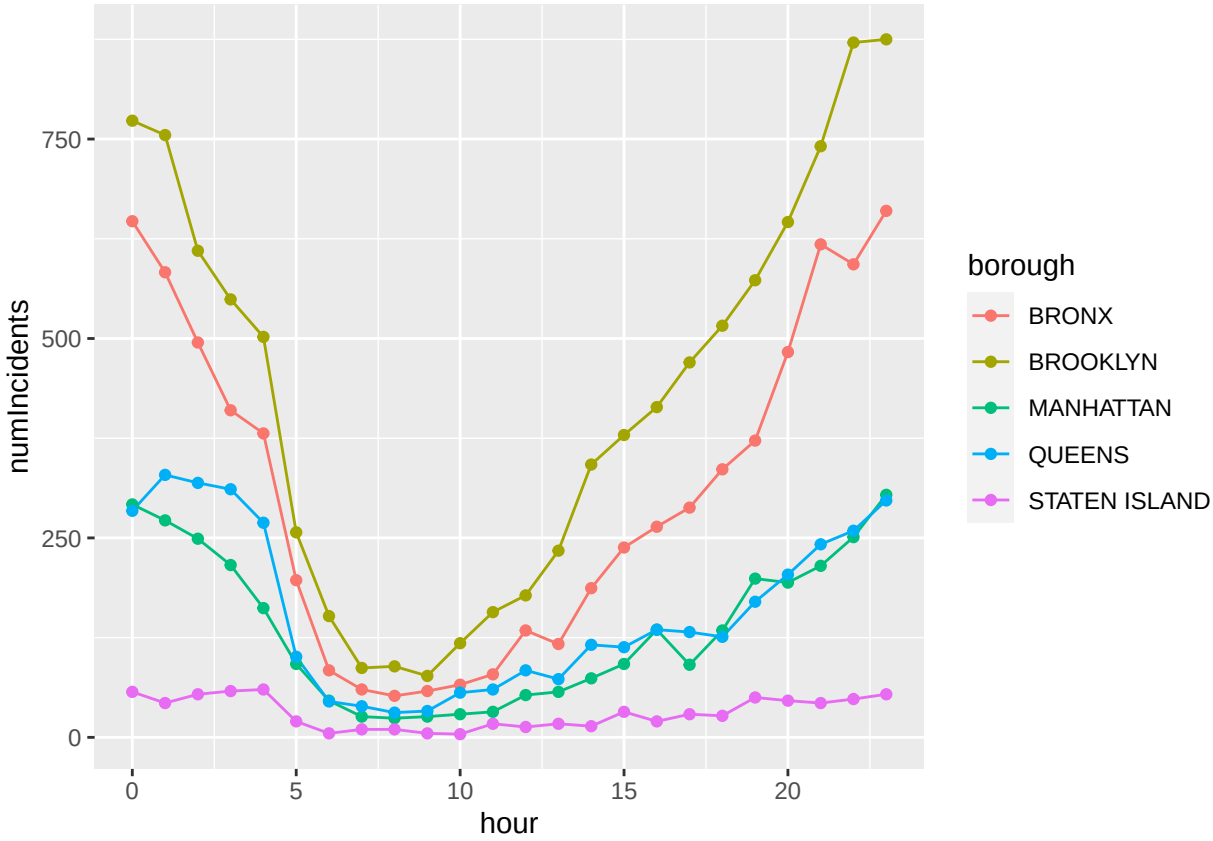
Here, I am further grouping the incidents by hour of day & borough in order to see any trends in incidents for different periods in the day.

```
shootingsByHourBorough <- tidyNYPDShooting %>%
    group_by(borough, hour = hour(time)) %>%
    tally() %>%
    mutate(numIncidents = n) %>%
    select(borough, hour, numIncidents)
```

###Visualize the Number of Incidents by Hour and Borough

Again, I am visualizing the hour data using a line graph. As you can see, there seem to be more shooting incidents in the evening, regardless of the borough.

```
ggplot(shootingsByHourBorough, aes(x = hour, y = numIncidents, group = borough)) +
  geom_line(aes(color = borough)) +
  geom_point(aes(color = borough))
```



###Analyze the incidents by year, month, & hour for outliers.

I create a new dataset by grouping on year, month, & hour. Then, I look at the summary of incidents.

I can see that the minimum number of incidents is 1 and that is only 1 off from the 1st Quartile range. This tells me there are no significant outliers at the lower bound.

However, the max of 42 shooting incidents is 36 incidents more than the 3rd quartile at 8 incidents. This tells me I have some potential outliers to look at in the upper bound.

After calculating the Q3 + 1.5IQR (3 + 1.5*(3-1)), I get an upper fence of 6 incidents. I use this upper fence as my filter on number of incidents to get my outliers.

I get a count of year month hour occurrences for each number of incidents between 6 and the max 26. I can see there is a slow decline in the occurrence of incidents greater than 15, so I further refine the outlier filter to greater than 15 incidents in for year, month, & hour.

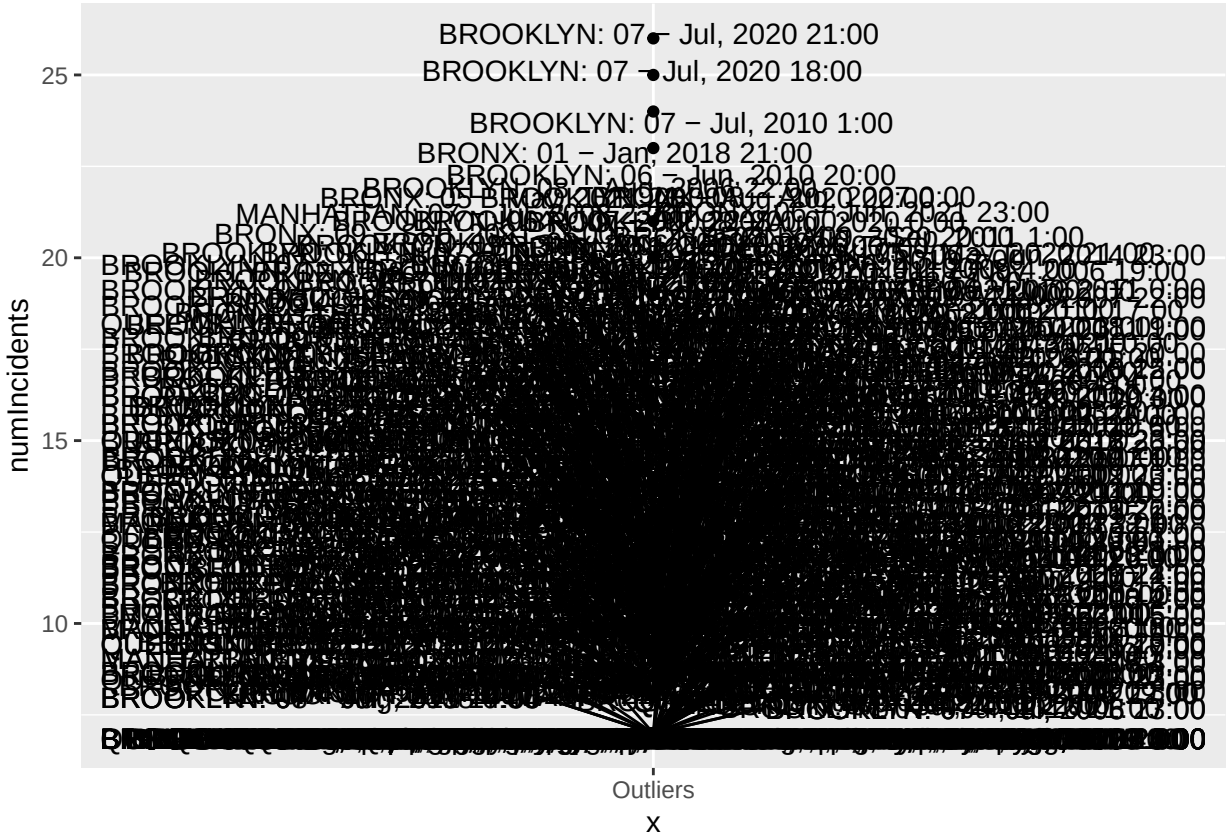
Plotting this with ggrepel allows me to see the year month and hour that have the most occurrences. In May of 2021, there were 42 total shooting incidents at 11 pm for the entire month.

```
shootingsByBYMH <- tidyNYPDShooting %>%
    group_by(boroughMonthYearHour = paste(borough, ": ", paste(format(date, '%m'), month.abb[month(date)
    tally() %>%
    mutate(numIncidents = n) %>%
    select(boroughMonthYearHour, numIncidents)

summary(shootingsByBYMH)
```

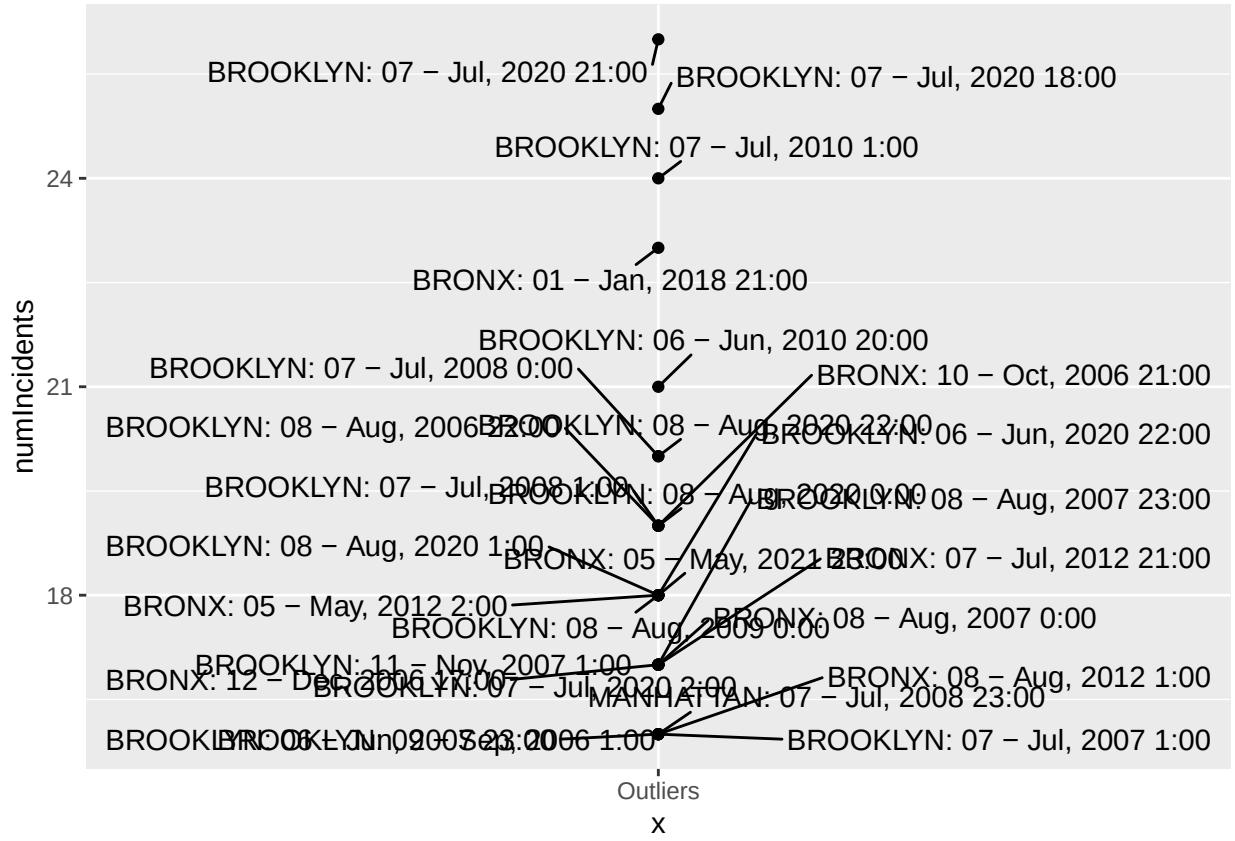
```
##  boroughMonthYearHour  numIncidents
```

```
##  Length:10098         Min.   : 1.000
##  Class :character     1st Qu.: 1.000
##  Mode  :character     Median : 2.000
##                       Mean   : 2.535
##                       3rd Qu.: 3.000
##                       Max.   :26.000
```

```
sbymhOutliers <- shootingsByBYMH %>%
    filter(numIncidents > 6)

ggplot(sbymhOutliers, aes(x = "Outliers", y = numIncidents, label = boroughMonthYearHour)) +
    geom_point() +
    geom_text_repel(box.padding = 0.5, max.overlaps = Inf)
```




```
countOutliers <- sbymhOutliers %>% group_by(numIncidents) %>% tally() %>% mutate(numOutliers = n) %>%
    select(numIncidents, numOutliers) %>% ungroup()

sbymhOutliers <- sbymhOutliers %>%
    filter(numIncidents > 15)

ggplot(sbymhOutliers, aes(x = "Outliers", y = numIncidents, label = boroughMonthYearHour)) +
    geom_point() +
    geom_text_repel(box.padding = 0.5, max.overlaps = Inf)
```




```
bymh26 <- NYPDShooting %>%
  mutate(date = mdy(OCCUR_DATE), time = hms(OCCUR_TIME)) %>%
  filter(BORO == "BROOKLYN" & month(date) == 7 & year(date) == 2020 & hour(time) == 21) %>%
  arrange(date,time)

bymh26
```

```
##    INCIDENT_KEY OCCUR_DATE OCCUR_TIME     BORO PRECINCT JURISDICTION_CODE
## 1     214983378 07/06/2020   21:45:00 BROOKLYN       77                 0
## 2     215034244 07/07/2020   21:28:00 BROOKLYN       75                 2
## 3     215034244 07/07/2020   21:28:00 BROOKLYN       75                 2
## 4     215034244 07/07/2020   21:28:00 BROOKLYN       75                 2
## 5     215034244 07/07/2020   21:28:00 BROOKLYN       75                 2
## 6     215034244 07/07/2020   21:28:00 BROOKLYN       75                 2
## 7     215034244 07/07/2020   21:28:00 BROOKLYN       75                 2
## 8     215034244 07/07/2020   21:28:00 BROOKLYN       75                 2
## 9     215034244 07/07/2020   21:28:00 BROOKLYN       75                 2
## 10    215034244 07/07/2020   21:28:00 BROOKLYN       75                 2
## 11    215034244 07/07/2020   21:28:00 BROOKLYN       75                 2
## 12    215034244 07/07/2020   21:28:00 BROOKLYN       75                 2
## 13    215034244 07/07/2020   21:28:00 BROOKLYN       75                 2
## 14    215133068 07/09/2020   21:35:00 BROOKLYN       94                 0
## 15    215133065 07/09/2020   21:43:00 BROOKLYN       75                 2
## 16    215225152 07/10/2020   21:54:00 BROOKLYN       69                 0
## 17    215223448 07/11/2020   21:21:00 BROOKLYN       75                 0
```

```
## 18    215226535 07/12/2020   21:11:00 BROOKLYN       77                0
## 19    215225155 07/12/2020   21:50:00 BROOKLYN       73                0
## 20    215254848 07/13/2020   21:20:00 BROOKLYN       75                0
## 21    215255273 07/13/2020   21:45:00 BROOKLYN       69                2
## 22    215350311 07/15/2020   21:46:00 BROOKLYN       75                0
## 23    215536325 07/20/2020   21:30:00 BROOKLYN       81                0
## 24    215769254 07/25/2020   21:10:00 BROOKLYN       79                0
## 25    215770231 07/25/2020   21:30:00 BROOKLYN       81                0
## 26    215772436 07/26/2020   21:00:00 BROOKLYN       83                0
##                LOCATION_DESC STATISTICAL_MURDER_FLAG PERP_AGE_GROUP PERP_SEX
## 1                                              false
## 2  MULTI DWELL - PUBLIC HOUS                   true          18-24        M
## 3  MULTI DWELL - PUBLIC HOUS                  false          18-24        M
## 4  MULTI DWELL - PUBLIC HOUS                   true          25-44        M
## 5  MULTI DWELL - PUBLIC HOUS                  false          18-24        M
## 6  MULTI DWELL - PUBLIC HOUS                   true          18-24        M
## 7  MULTI DWELL - PUBLIC HOUS                  false          25-44        M
## 8  MULTI DWELL - PUBLIC HOUS                   true          18-24        M
## 9  MULTI DWELL - PUBLIC HOUS                  false          18-24        M
## 10 MULTI DWELL - PUBLIC HOUS                   true          25-44        M
## 11 MULTI DWELL - PUBLIC HOUS                   true          18-24        M
## 12 MULTI DWELL - PUBLIC HOUS                  false          25-44        M
## 13 MULTI DWELL - PUBLIC HOUS                  false          18-24        M
## 14                                            false          45-64        M
## 15 MULTI DWELL - PUBLIC HOUS                  false
## 16                                            false
## 17                                            false
## 18                                            false
## 19                                            false
## 20                                            false
## 21 MULTI DWELL - PUBLIC HOUS                  false
## 22                 PVT HOUSE                  false
## 23                                            false
## 24                                            false
## 25                                            false
## 26                                            false          25-44        M
##         PERP_RACE VIC_AGE_GROUP VIC_SEX       VIC_RACE X_COORD_CD Y_COORD_CD
## 1                          <18       M          BLACK  1001252.8   184402.9
## 2  WHITE HISPANIC         25-44       M WHITE HISPANIC  1021909.7   182502.6
## 3           BLACK         25-44       M WHITE HISPANIC  1021909.7   182502.6
## 4           BLACK         25-44       M WHITE HISPANIC  1021909.7   182502.6
## 5           BLACK         25-44       F          BLACK  1021909.7   182502.6
## 6           BLACK         25-44       M WHITE HISPANIC  1021909.7   182502.6
## 7           BLACK         25-44       M WHITE HISPANIC  1021909.7   182502.6
## 8           BLACK         25-44       F          BLACK  1021909.7   182502.6
## 9  WHITE HISPANIC         25-44       F          BLACK  1021909.7   182502.6
## 10          BLACK         25-44       F          BLACK  1021909.7   182502.6
## 11 WHITE HISPANIC         25-44       F          BLACK  1021909.7   182502.6
## 12          BLACK         25-44       F          BLACK  1021909.7   182502.6
## 13 WHITE HISPANIC         25-44       M WHITE HISPANIC  1021909.7   182502.6
## 14          BLACK         25-44       M WHITE HISPANIC   996191.2   207579.9
## 15                        18-24       M BLACK HISPANIC  1016132.9   178623.0
## 16                        18-24       M          BLACK  1007165.8   171344.2
## 17                        25-44       M          BLACK  1016505.6   176977.8
```

```
## 18                          <18       M          BLACK  1005418.4   184431.3
## 19                        18-24       M WHITE HISPANIC  1006871.8   183675.8
## 20                        18-24       M          BLACK  1014993.6   181458.4
## 21                        45-64       M          BLACK  1013006.3   177560.0
## 22                        18-24       M WHITE HISPANIC  1016302.2   186693.0
## 23                          <18       M          BLACK  1004121.9   186269.1
## 24                        18-24       M          BLACK  1000285.8   186744.7
## 25                        18-24       M          BLACK  1004121.9   186269.1
## 26 WHITE HISPANIC         25-44       M WHITE HISPANIC  1008340.0   189454.0
##    Latitude Longitude                                        Lon_Lat       date
## 1  40.67281 -73.93871 POINT (-73.93870659699996 40.672812056000055) 2020-07-06
## 2  40.66753 -73.86425  POINT (-73.86424961899996 40.66753239900004) 2020-07-07
## 3  40.66753 -73.86425  POINT (-73.86424961899996 40.66753239900004) 2020-07-07
## 4  40.66753 -73.86425  POINT (-73.86424961899996 40.66753239900004) 2020-07-07
## 5  40.66753 -73.86425  POINT (-73.86424961899996 40.66753239900004) 2020-07-07
## 6  40.66753 -73.86425  POINT (-73.86424961899996 40.66753239900004) 2020-07-07
## 7  40.66753 -73.86425  POINT (-73.86424961899996 40.66753239900004) 2020-07-07
## 8  40.66753 -73.86425  POINT (-73.86424961899996 40.66753239900004) 2020-07-07
## 9  40.66753 -73.86425  POINT (-73.86424961899996 40.66753239900004) 2020-07-07
## 10 40.66753 -73.86425  POINT (-73.86424961899996 40.66753239900004) 2020-07-07
## 11 40.66753 -73.86425  POINT (-73.86424961899996 40.66753239900004) 2020-07-07
## 12 40.66753 -73.86425  POINT (-73.86424961899996 40.66753239900004) 2020-07-07
## 13 40.66753 -73.86425  POINT (-73.86424961899996 40.66753239900004) 2020-07-07
## 14 40.73644 -73.95691  POINT (-73.95691256899994 40.73643570000007) 2020-07-09
## 15 40.65691 -73.88509 POINT (-73.88509137999995 40.656906337000066) 2020-07-09
## 16 40.63696 -73.91743  POINT (-73.91743493999996 40.63695527900006) 2020-07-10
## 17 40.65239 -73.88376 POINT (-73.88375626399994 40.652389311000036) 2020-07-11
## 18 40.67288 -73.92369 POINT (-73.92368950699995 40.672880873000054) 2020-07-12
## 19 40.67080 -73.91845 POINT (-73.91845264899996 40.670803729000056) 2020-07-12
## 20 40.66469 -73.88918  POINT (-73.88918467299999 40.66469284000004) 2020-07-13
## 21 40.65400 -73.89636  POINT (-73.89636464599994 40.65399947100008) 2020-07-13
## 22 40.67906 -73.88444 POINT (-73.88444278999998 40.679056149000075) 2020-07-15
## 23 40.67793 -73.92836 POINT (-73.92835795199996 40.677928430000065) 2020-07-20
## 24 40.67924 -73.94219  POINT (-73.94218704299993 40.67924139200005) 2020-07-25
## 25 40.67793 -73.92836 POINT (-73.92835795199996 40.677928430000065) 2020-07-25
## 26 40.68666 -73.91314  POINT (-73.91313936599994 40.68665966800006) 2020-07-26
##          time
## 1  21H 45M 0S
## 2  21H 28M 0S
## 3  21H 28M 0S
## 4  21H 28M 0S
## 5  21H 28M 0S
## 6  21H 28M 0S
## 7  21H 28M 0S
## 8  21H 28M 0S
## 9  21H 28M 0S
## 10 21H 28M 0S
## 11 21H 28M 0S
## 12 21H 28M 0S
## 13 21H 28M 0S
## 14 21H 35M 0S
## 15 21H 43M 0S
## 16 21H 54M 0S
## 17 21H 21M 0S
```

```
## 18 21H 11M 0S
## 19 21H 50M 0S
## 20 21H 20M 0S
## 21 21H 45M 0S
## 22 21H 46M 0S
## 23 21H 30M 0S
## 24 21H 10M 0S
## 25 21H 30M 0S
## 26  21H 0M 0S
```

```
July7Shooting <- NYPDShooting %>%
  mutate(date = mdy(OCCUR_DATE), time = hms(OCCUR_TIME)) %>%
  filter(BORO == "BROOKLYN" & date == "2020-07-07" & hour(time) == 21) %>%
  arrange(desc(date),desc(time))

July7Shooting
```

```
##    INCIDENT_KEY OCCUR_DATE OCCUR_TIME     BORO PRECINCT JURISDICTION_CODE
## 1     215034244 07/07/2020   21:28:00 BROOKLYN       75                 2
## 2     215034244 07/07/2020   21:28:00 BROOKLYN       75                 2
## 3     215034244 07/07/2020   21:28:00 BROOKLYN       75                 2
## 4     215034244 07/07/2020   21:28:00 BROOKLYN       75                 2
## 5     215034244 07/07/2020   21:28:00 BROOKLYN       75                 2
## 6     215034244 07/07/2020   21:28:00 BROOKLYN       75                 2
## 7     215034244 07/07/2020   21:28:00 BROOKLYN       75                 2
## 8     215034244 07/07/2020   21:28:00 BROOKLYN       75                 2
## 9     215034244 07/07/2020   21:28:00 BROOKLYN       75                 2
## 10    215034244 07/07/2020   21:28:00 BROOKLYN       75                 2
## 11    215034244 07/07/2020   21:28:00 BROOKLYN       75                 2
## 12    215034244 07/07/2020   21:28:00 BROOKLYN       75                 2
##                LOCATION_DESC STATISTICAL_MURDER_FLAG PERP_AGE_GROUP PERP_SEX
## 1  MULTI DWELL - PUBLIC HOUS                   true          18-24        M
## 2  MULTI DWELL - PUBLIC HOUS                  false          18-24        M
## 3  MULTI DWELL - PUBLIC HOUS                   true          25-44        M
## 4  MULTI DWELL - PUBLIC HOUS                  false          18-24        M
## 5  MULTI DWELL - PUBLIC HOUS                   true          18-24        M
## 6  MULTI DWELL - PUBLIC HOUS                  false          25-44        M
## 7  MULTI DWELL - PUBLIC HOUS                   true          18-24        M
## 8  MULTI DWELL - PUBLIC HOUS                  false          18-24        M
## 9  MULTI DWELL - PUBLIC HOUS                   true          25-44        M
## 10 MULTI DWELL - PUBLIC HOUS                   true          18-24        M
## 11 MULTI DWELL - PUBLIC HOUS                  false          25-44        M
## 12 MULTI DWELL - PUBLIC HOUS                  false          18-24        M
##         PERP_RACE VIC_AGE_GROUP VIC_SEX       VIC_RACE X_COORD_CD Y_COORD_CD
## 1  WHITE HISPANIC         25-44       M WHITE HISPANIC    1021910   182502.6
## 2           BLACK         25-44       M WHITE HISPANIC    1021910   182502.6
## 3           BLACK         25-44       M WHITE HISPANIC    1021910   182502.6
## 4           BLACK         25-44       F          BLACK    1021910   182502.6
## 5           BLACK         25-44       M WHITE HISPANIC    1021910   182502.6
## 6           BLACK         25-44       M WHITE HISPANIC    1021910   182502.6
## 7           BLACK         25-44       F          BLACK    1021910   182502.6
## 8  WHITE HISPANIC         25-44       F          BLACK    1021910   182502.6
## 9           BLACK         25-44       F          BLACK    1021910   182502.6
## 10 WHITE HISPANIC         25-44       F          BLACK    1021910   182502.6
```

```
## 11          BLACK         25-44       F          BLACK    1021910   182502.6
## 12 WHITE HISPANIC         25-44       M WHITE HISPANIC    1021910   182502.6
##    Latitude Longitude                                      Lon_Lat       date
## 1  40.66753 -73.86425 POINT (-73.86424961899996 40.66753239900004) 2020-07-07
## 2  40.66753 -73.86425 POINT (-73.86424961899996 40.66753239900004) 2020-07-07
## 3  40.66753 -73.86425 POINT (-73.86424961899996 40.66753239900004) 2020-07-07
## 4  40.66753 -73.86425 POINT (-73.86424961899996 40.66753239900004) 2020-07-07
## 5  40.66753 -73.86425 POINT (-73.86424961899996 40.66753239900004) 2020-07-07
## 6  40.66753 -73.86425 POINT (-73.86424961899996 40.66753239900004) 2020-07-07
## 7  40.66753 -73.86425 POINT (-73.86424961899996 40.66753239900004) 2020-07-07
## 8  40.66753 -73.86425 POINT (-73.86424961899996 40.66753239900004) 2020-07-07
## 9  40.66753 -73.86425 POINT (-73.86424961899996 40.66753239900004) 2020-07-07
## 10 40.66753 -73.86425 POINT (-73.86424961899996 40.66753239900004) 2020-07-07
## 11 40.66753 -73.86425 POINT (-73.86424961899996 40.66753239900004) 2020-07-07
## 12 40.66753 -73.86425 POINT (-73.86424961899996 40.66753239900004) 2020-07-07
##          time
## 1  21H 28M 0S
## 2  21H 28M 0S
## 3  21H 28M 0S
## 4  21H 28M 0S
## 5  21H 28M 0S
## 6  21H 28M 0S
## 7  21H 28M 0S
## 8  21H 28M 0S
## 9  21H 28M 0S
## 10 21H 28M 0S
## 11 21H 28M 0S
## 12 21H 28M 0S
```