

miscellaneous greatest hits

Mick McQuaid

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1 Introduction

This file contains some miscellaneous outstanding plots submitted by various students over the past few semesters.

2 Exploration

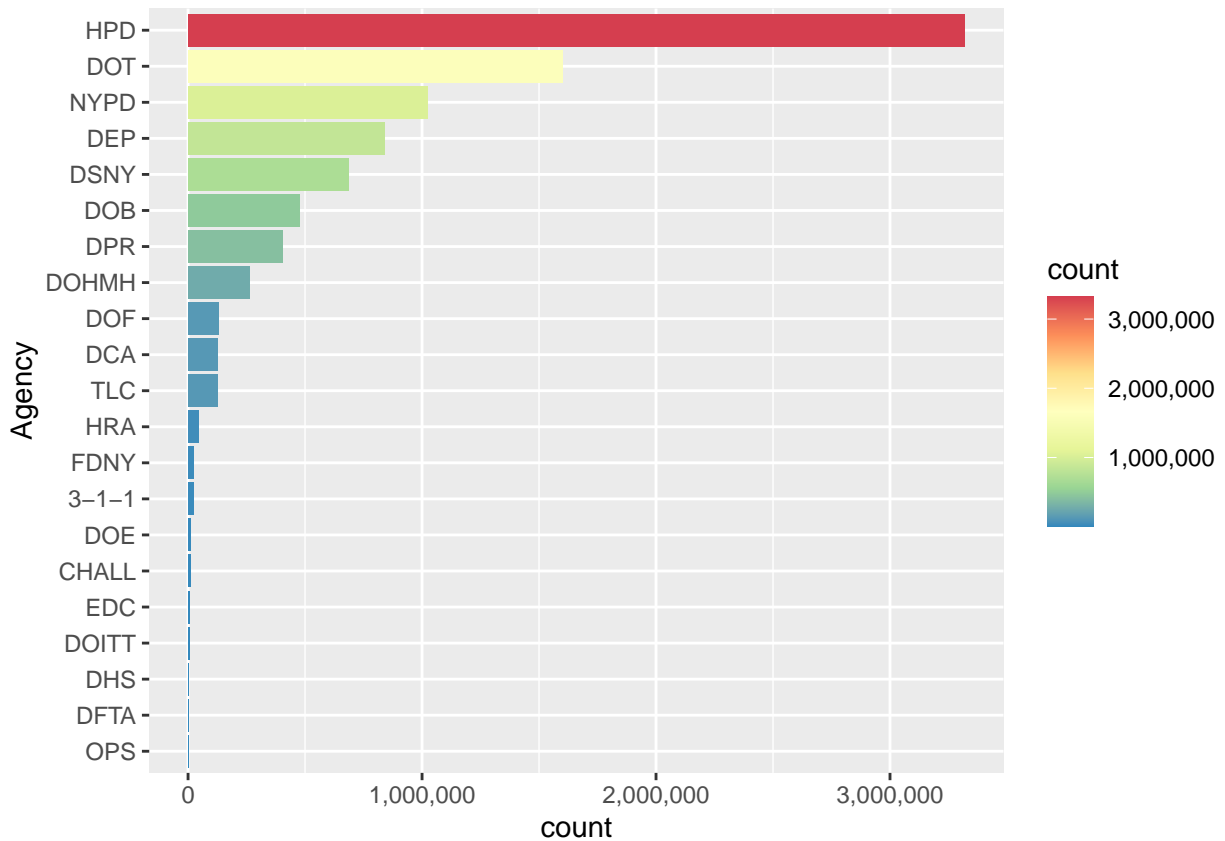


Figure 1. A basic barplot

Figure 1 demonstrates the use of `scale_fill_distiller()` to color the bars.

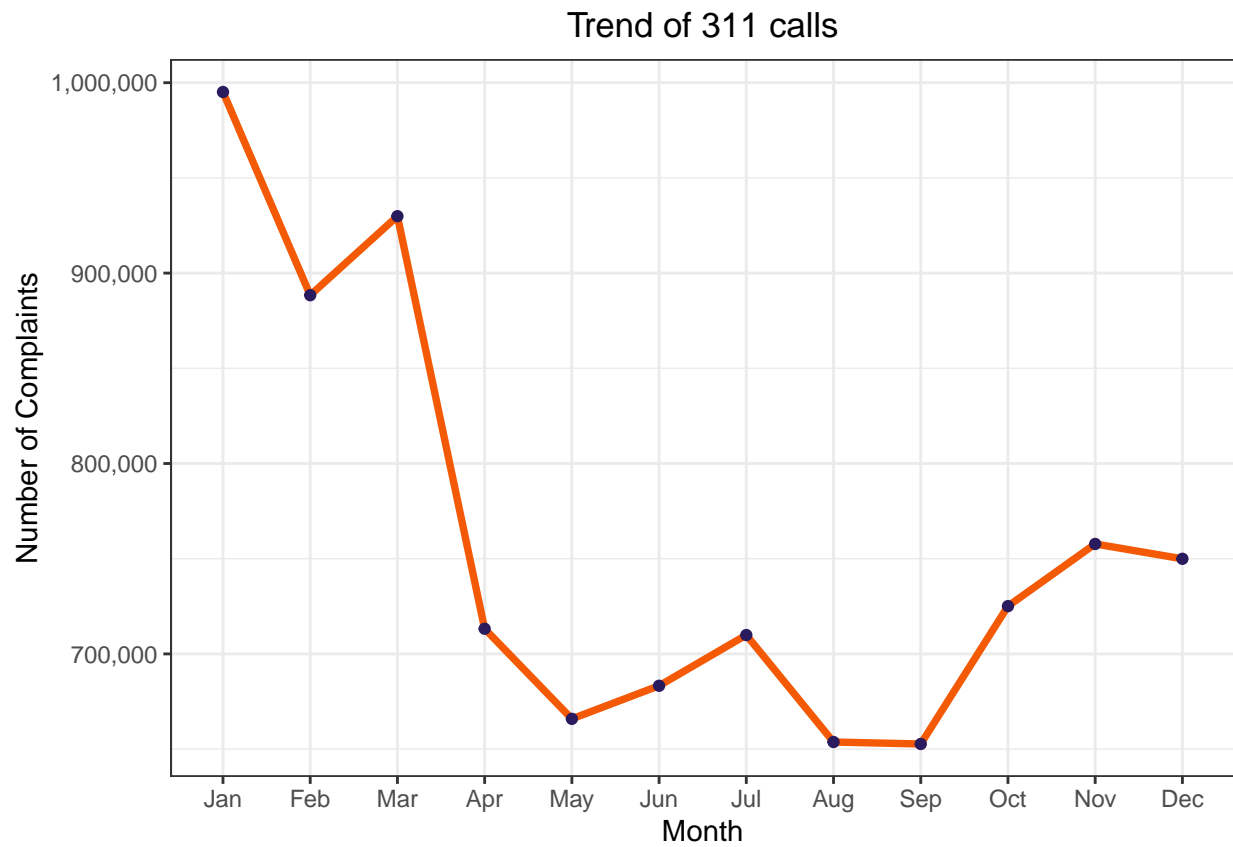


Figure 2. A line chart

Figure 2 uses `lubridate` to get the months in which complaints occur most frequently.



3

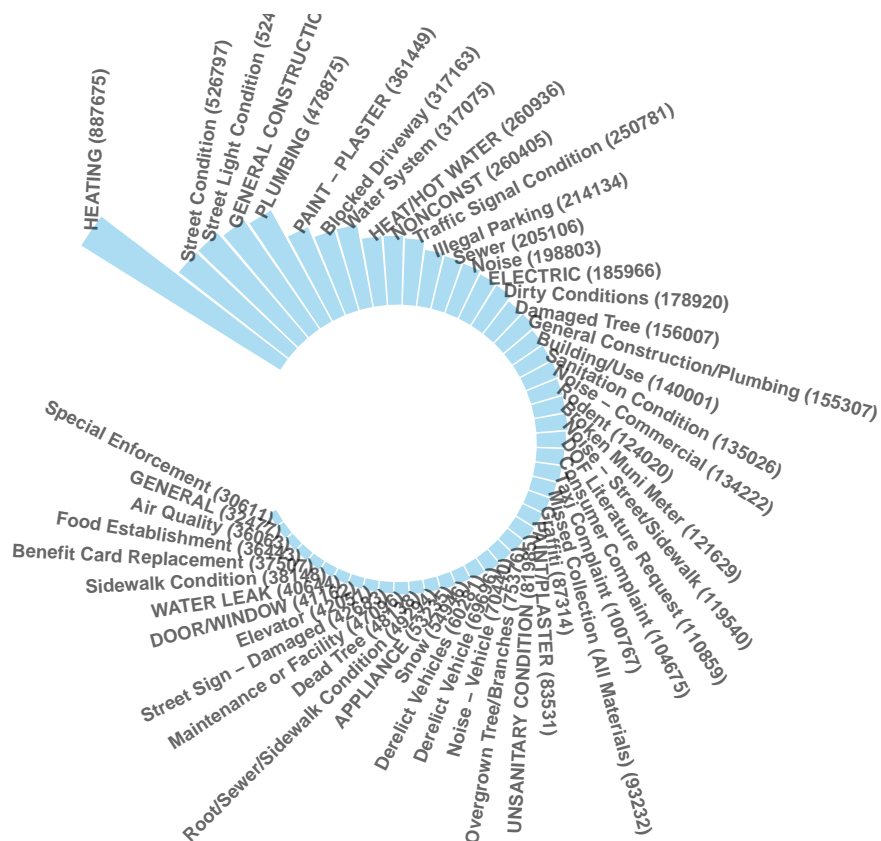


Figure 4. A circular barplot

Figure 4 demonstrates a circular barplot. The main advantage of this is to save space on the page when you have a lot of bars. You have to carefully set the values of `ylim()` to make the inner circle (a negative number), and the outer circle limit, a positive number.

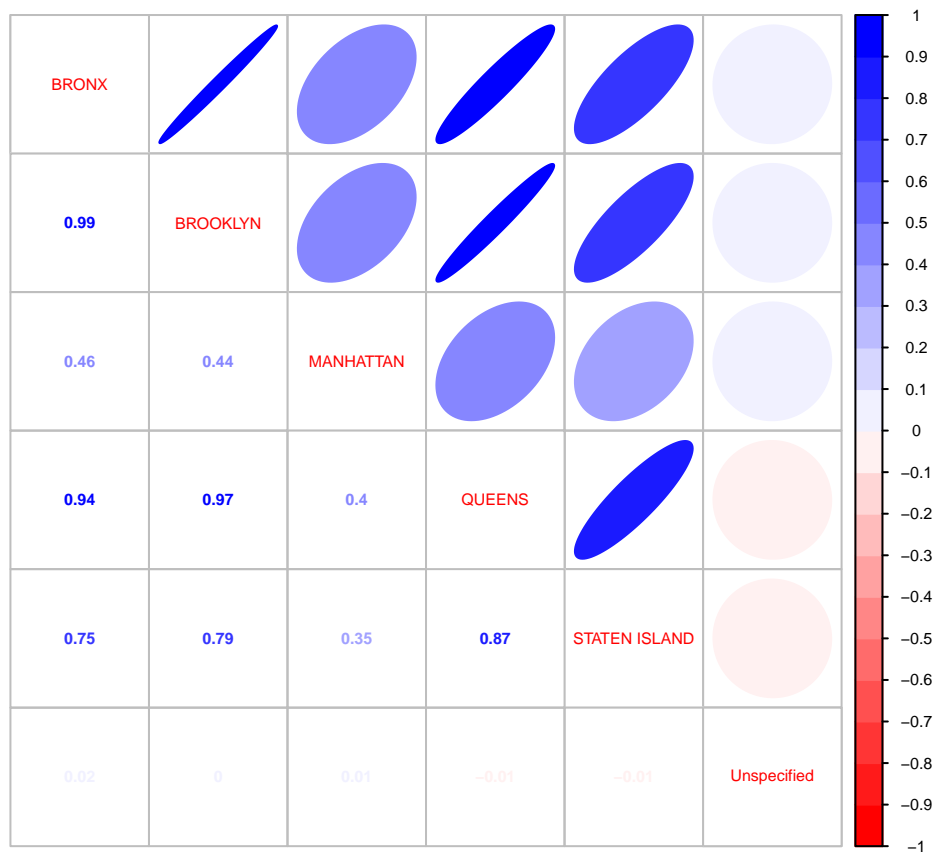


Figure 5. A corrplot

Figure 5 is a corrplot, showing how similar the boroughs are in terms of complaint types.

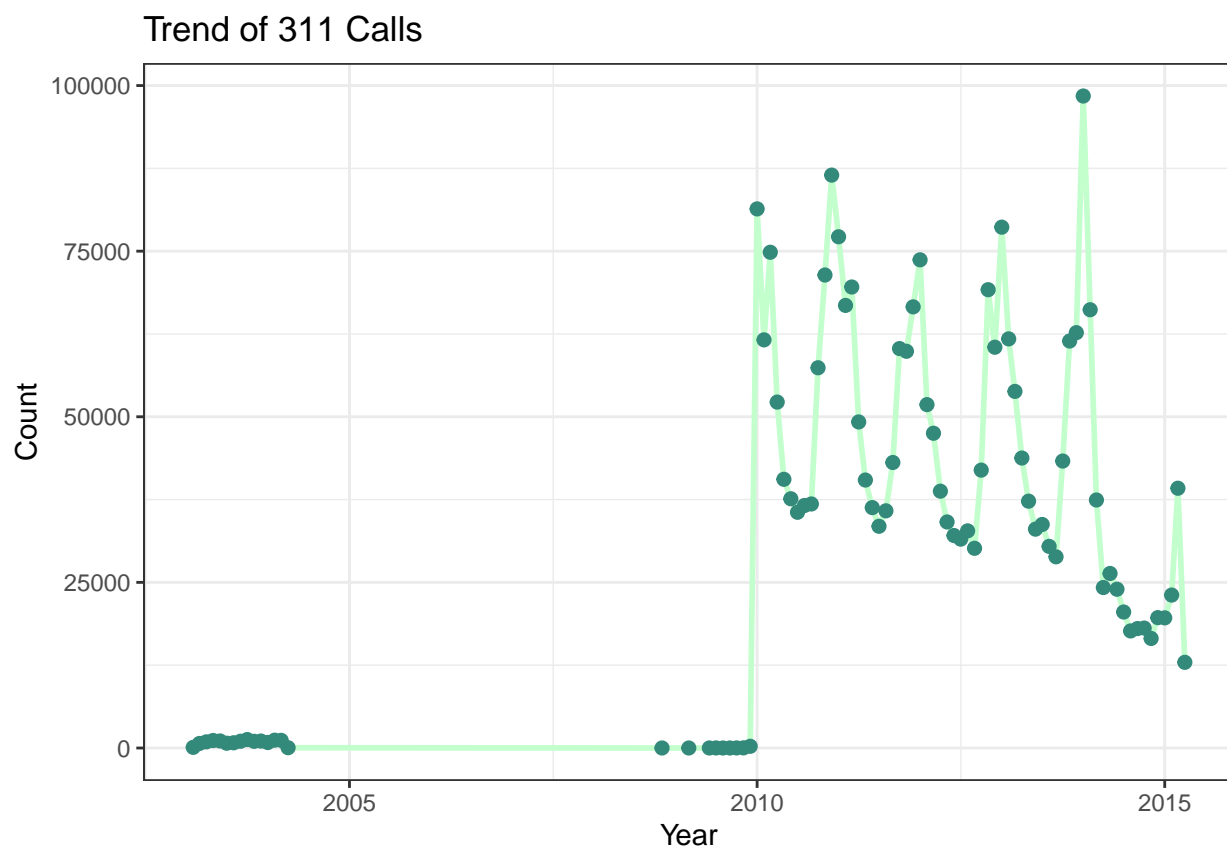


Figure 6. Another line plot

Figure 6 shows the trend over time for the top five complaint types. These are dominated by heating, so it makes sense that the peaks are in January each year.

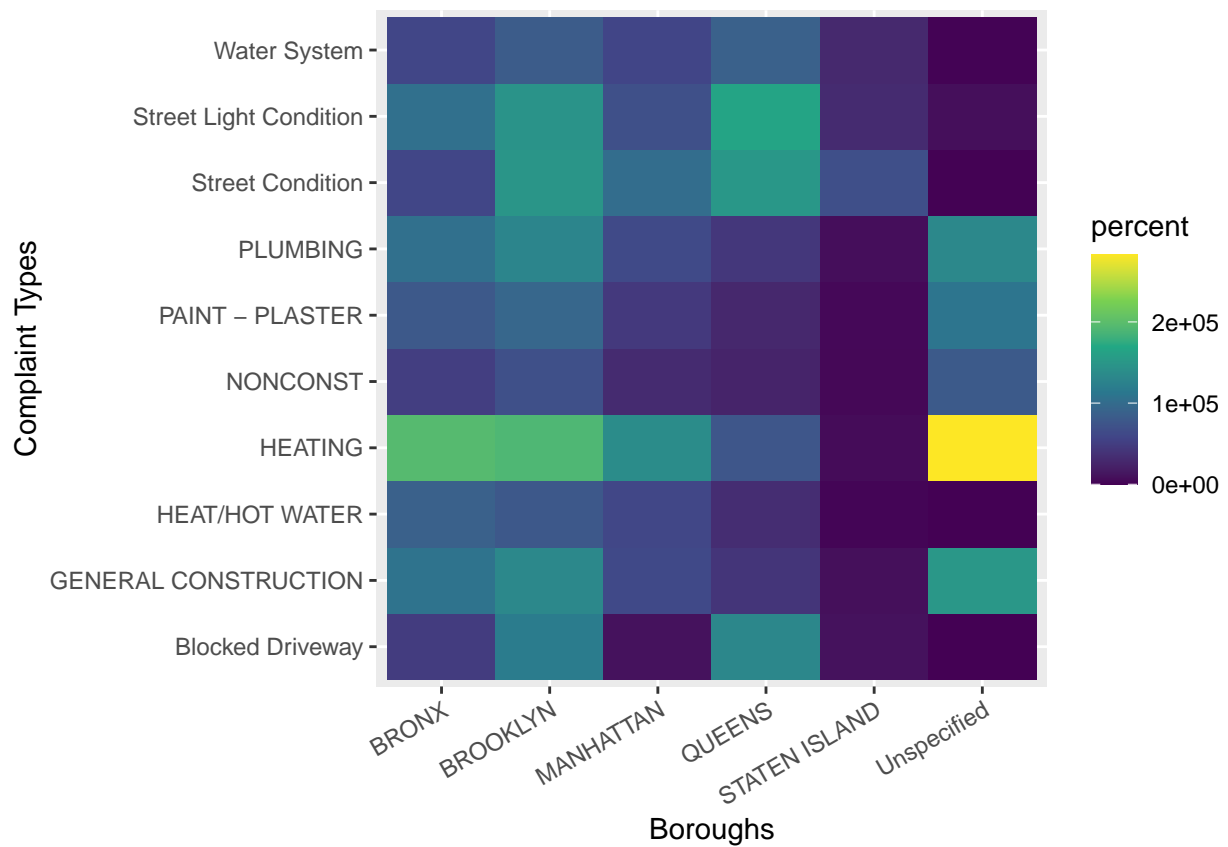


Figure 7. A tile plot

Figure 7 shows a tile plot of the percentages of complaint types across different boroughs.