

Welcome to the Data Dive!

# Mont Réal

User Group

Sponsored By:

**REVOLUTION**  
ANALYTICS

# Cycling Collisions

- All accidents in Montreal reported 2006-2010
- Obtained and compiled by Roberta Rocha at the Gazette

<https://github.com/cjbayesian/collisions>



# Some potential questions

- Can we *predict* accident rates?
- Spatial patterns? Dangerous areas?
- Does the construction holiday have an effect on accident rates?

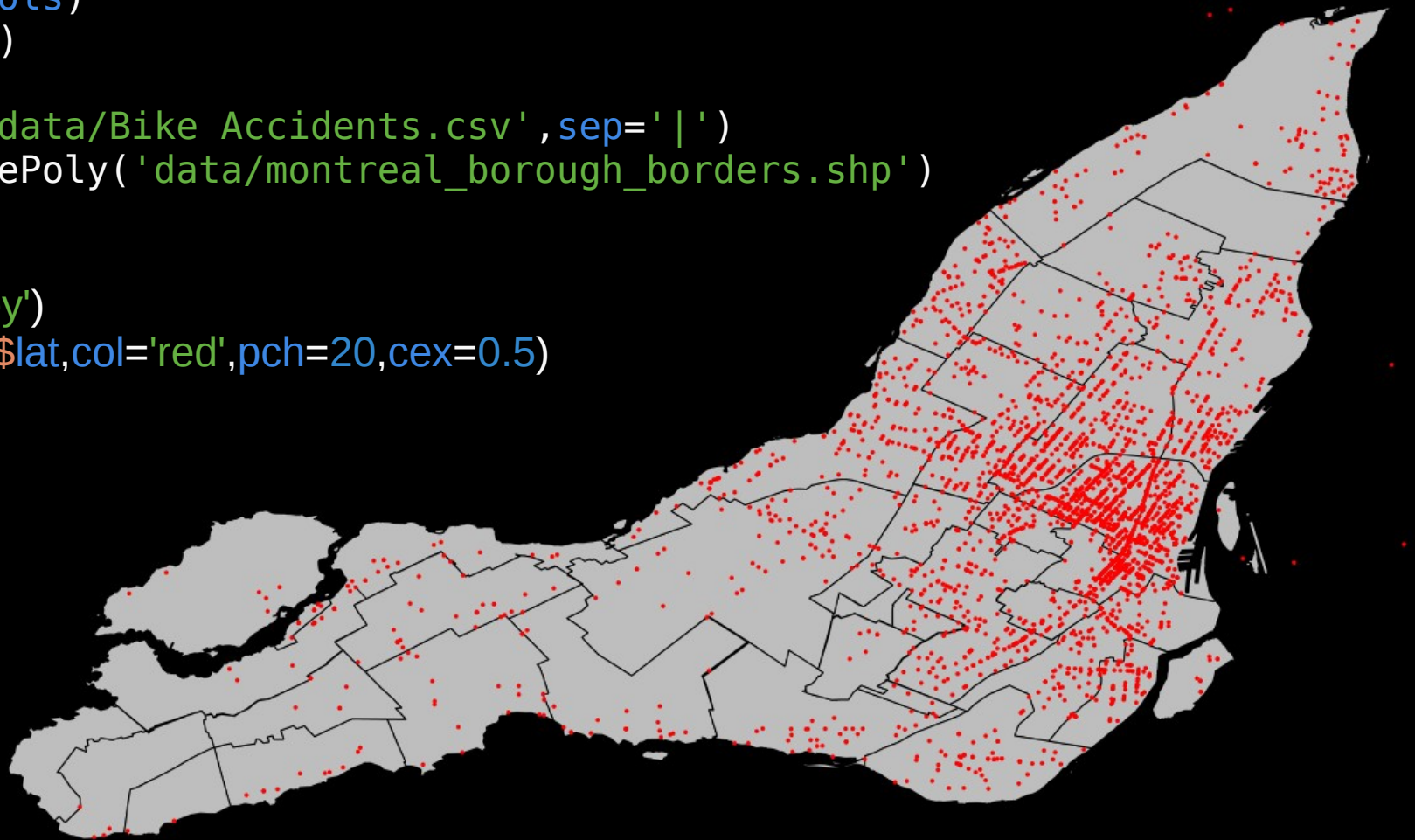
# Getting Started

<https://github.com/cjbayesian/collisions>

```
library(lubridate)  
library(maptools)  
library(Hmisc)
```

```
d<-read.csv('data/Bike Accidents.csv',sep='|')  
mtl<-readShapePoly('data/montreal_borough_borders.shp')
```

```
par(bg='black')  
plot(mtl,col='grey')  
points(d$long,d$lat,col='red',pch=20,cex=0.5)
```



[http://youtu.be/hJE2\\_XMdfTk](http://youtu.be/hJE2_XMdfTk)

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