

OsloBnB – Where to Stay in Oslo?

Geospatial Analysis by Dmytro Perepolkin @dmi3k

Presented by Jo-fai Chow @matlabulous



Köln R User Group
28th September 2018



Dmytro @dmi3k

Joe @matlabulous

H2O.ai Oslo Meetup
(three weeks ago)



About Me

LONDON R
Tuesday 11th March 2014

CrimeMap - Keep It Simple, Stupid

Basic Controls

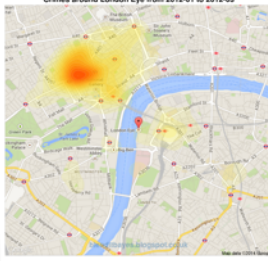
Enter a Location of Interest:
London Eye

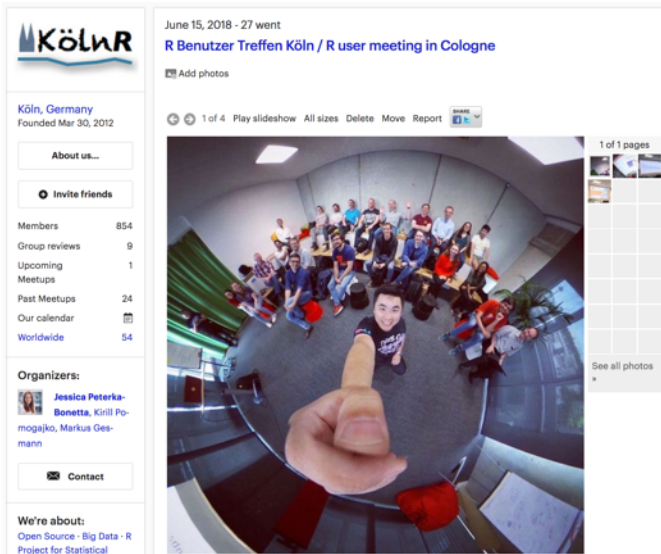
First Month of Data Collection:
2012-01

Length of Analysis (Months):
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

Push the Button!

Update Graphs and Tables

Output
Crimes around London Eye from 2012-01 to 2012-03





Cologne (June 2018)



Paris

• Before H₂O

- Water Engineer / EngD Researcher / Matlab Fan Boy
(wonder why  @matlabulous?)
- Discovered R, Python, H₂O ...
never look back again
- Data Scientist at Virgin Media (UK),
Domino Data Lab (US)

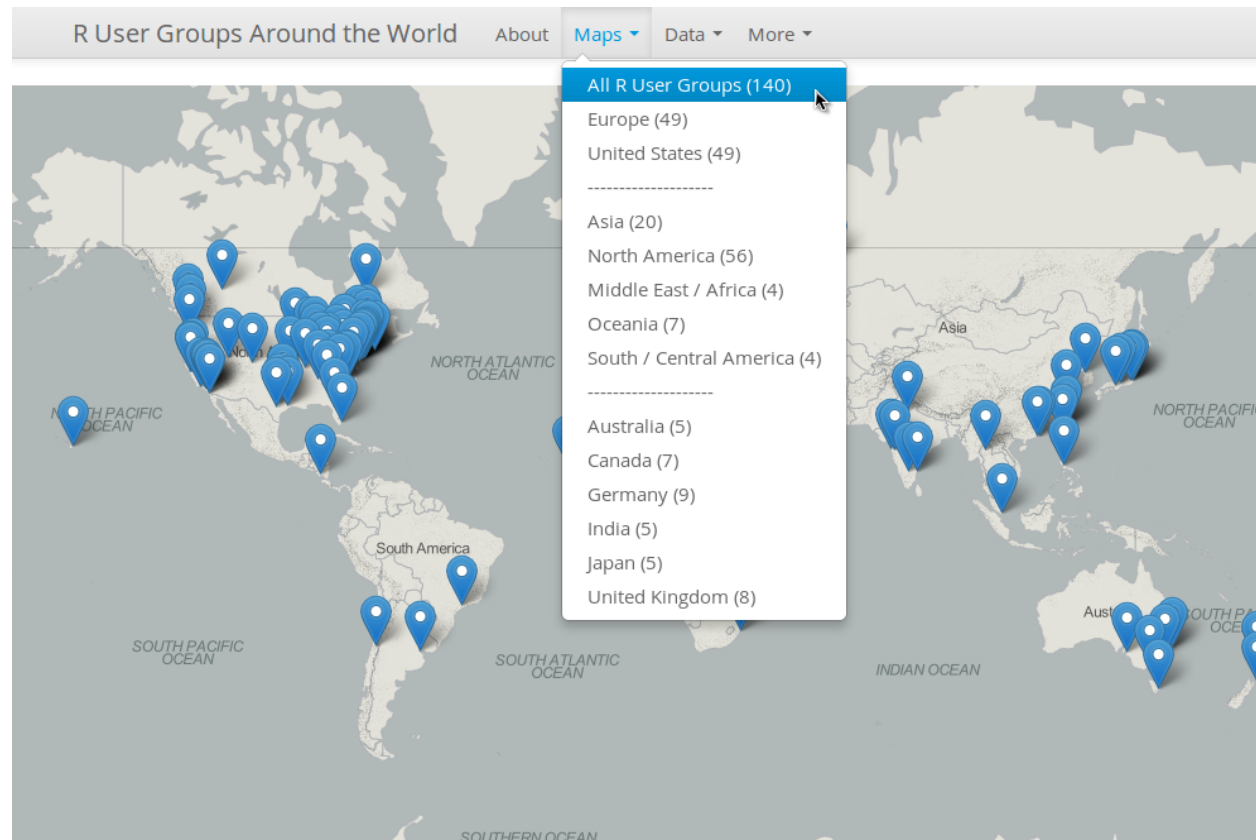
• At H₂O ...

- Data Scientist / Evangelist /
 - Sales Engineer / Solution Architect /
 - Community Manager
- ... The harsh reality of startup life ...

Reminder: #360Selfie

H₂O.ai

About Me (before H₂O)



August 21, 2014

Revolution Analytics' User Group Map Contest has a Winner

by Joseph Rickert

We are pleased to announce that [Jo-fai Chow](#) is the winner of the Revolution Analytics contest. Jo-fai's entry, which was implemented as a [Shiny project](#), may be viewed by clicking on the figure below.

R User Groups Around the World

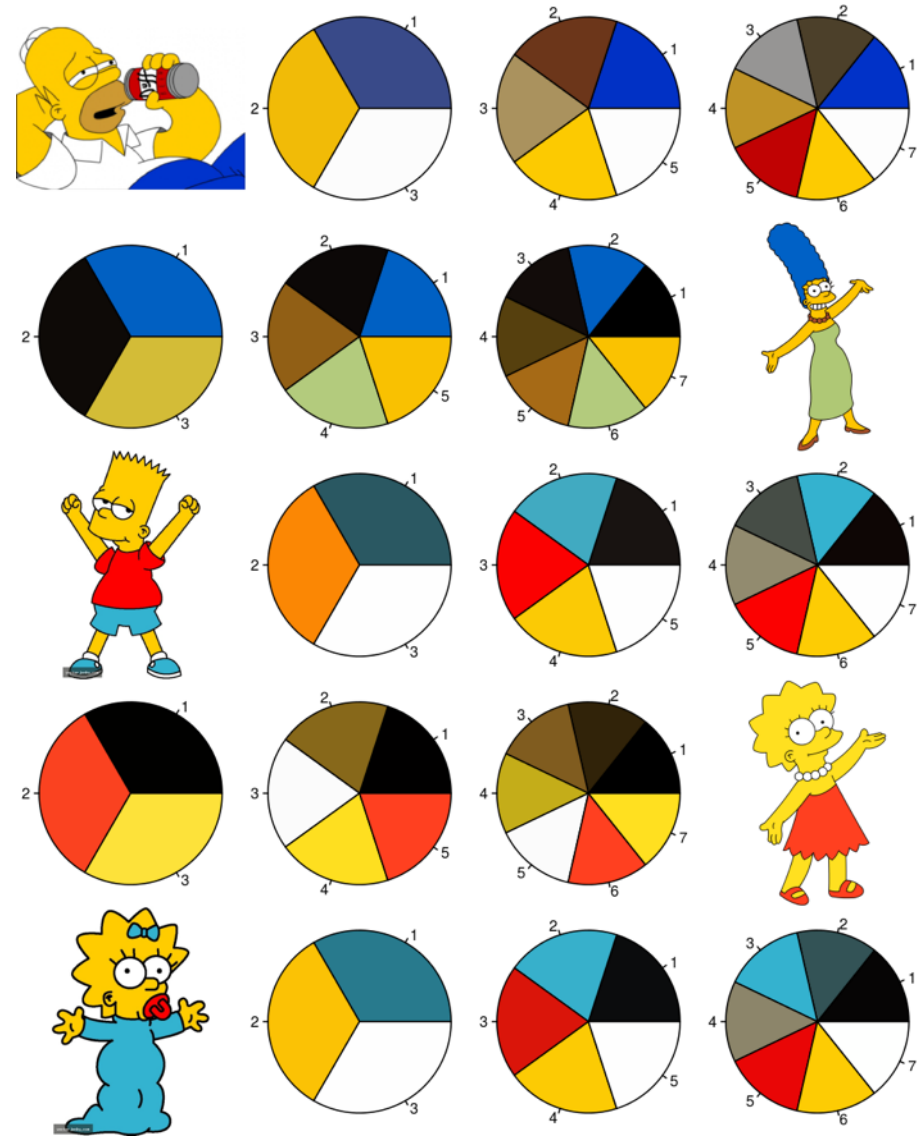
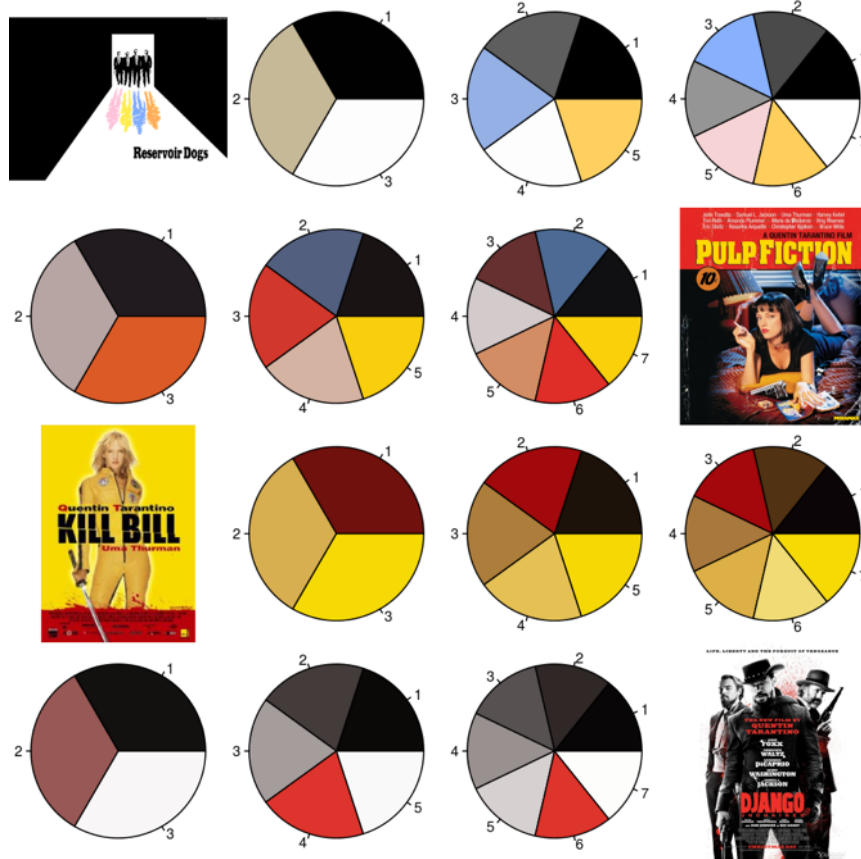
About Maps Data More



<http://blog.revolutionanalytics.com/2014/08/winner-for-revolution-analytics-user-group-map-contest.html>

<https://github.com/woobe/rugsmaps>

About Me (before H₂O)



<http://blenditbayes.blogspot.com/2014/05/towards-yet-another-r-colour-palette.html>
<https://github.com/woobe/rPlotter>

About Me (before H₂O)



A Decade of Premier League Football

This web app is my first attempt at developing data-driven sports stories with R.

Since I started learning about Python and R back in early 2013, data gurus [Ramnath Vaidyanathan](#), [Kenton Russell](#), [Alex Bresler](#) and [Hadley Wickham](#) have been helping me in many ways and providing very specific technical support. I would like to thank them for their continuous support, encouragement and commitment to the open-source data science community.

Quick Start

First, please check out one of the **headline stores** - "[The Rise of the City](#)". The navigation menu is either on the left or top depending on your device's screen resolution. *Landscape mode* is recommended if you are viewing this on a smartphone.

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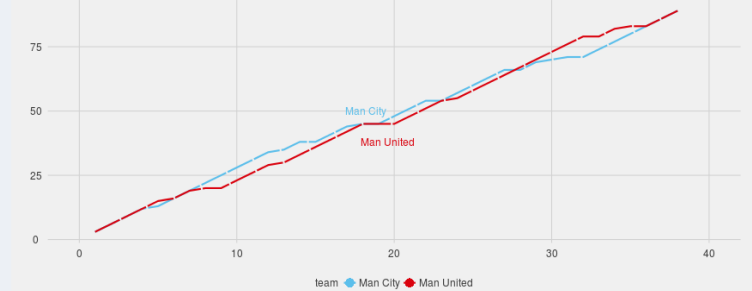
The Last-Minute Title Decider

In season 2011-2012, City at one point fell eight points behind their bitter rivals Manchester United with only six games left to play, an unprecedented slump by Reds allowed the blue side of Manchester to draw back level with two games to go, setting up a thrilling finale to the season with both teams going into the last day equal on points. Man City did have a superior goal difference so they only needed a win to seal the title.

Select a KPI:

Points

Manchester Clubs' Points in 2011-2012



How Many Points Do You Need to Stay Up?

If you're pushed for time, then all you need to remember is the numbers 33 and 43. No team has ever got to 43 points and gone down. No team has ever finished with 33 points and stayed up.

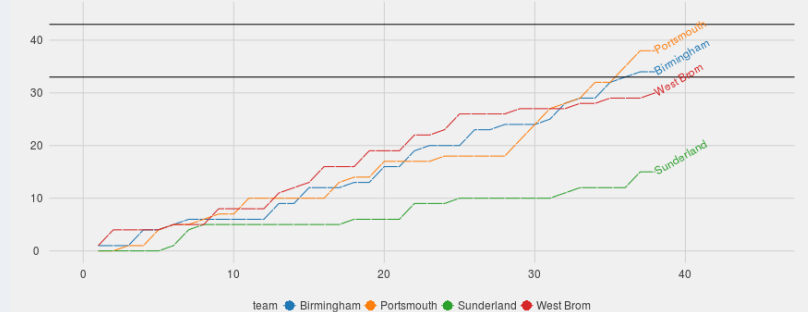
Select a Season:

2005-2006

Show the Bottom n Teams:

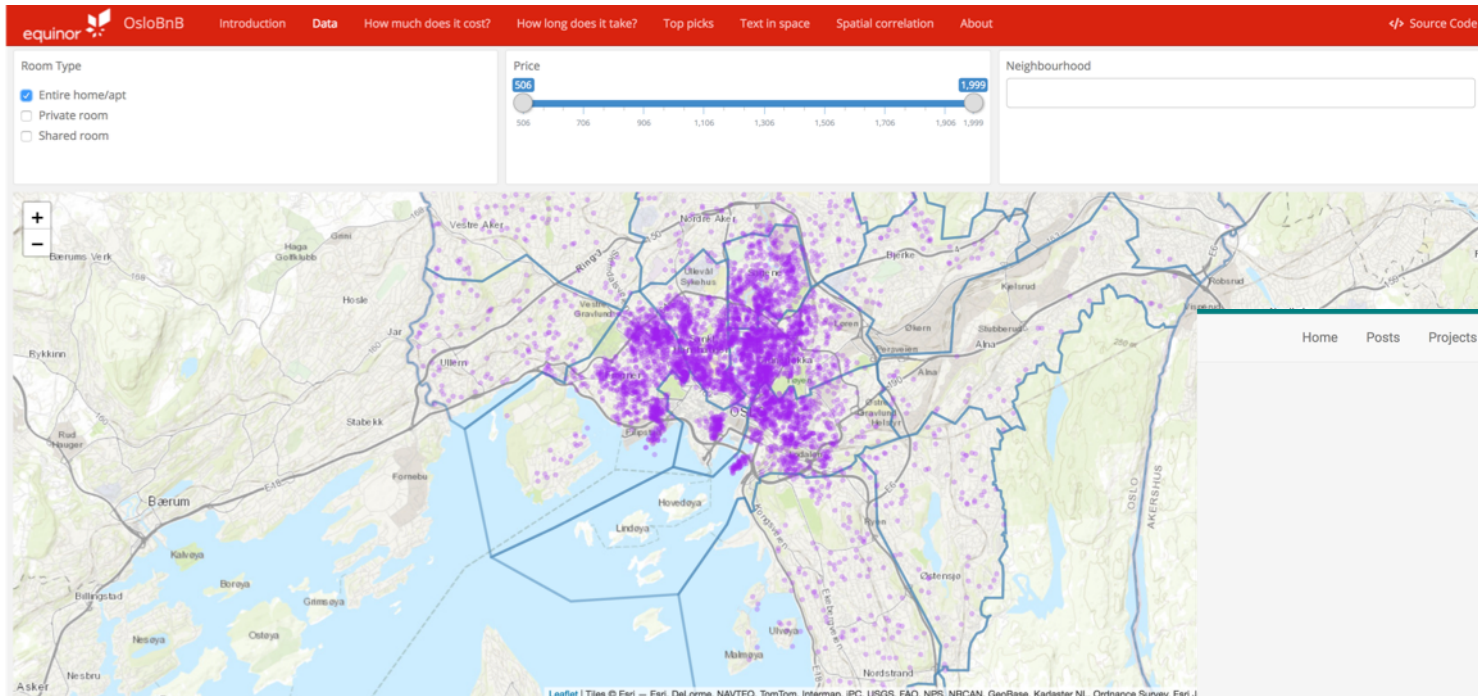
4

Points of the Bottom Teams in Season 2005-2006



<http://blenditbayes.blogspot.com/2015/08/a-decade-of-premier-league-football.html>

<https://github.com/woobe/footballytics>



Home Posts Projects

OsloBnB: Where to stay in Oslo?
August 25, 2018
polite

```
library(here)
library(tidyverse)
library(polite)
library(rvest)
library(mapview)
library(sf)
library(raster)
library(fasterize)
library(RPostgreSQL)
library(rpostgis)
library(mapsapi)
library(patchwork)
library(ggmap)
library(ggrepel)
library(plotly)
library(lubridate)
library(hrbthemes)
```

Challenge

A friend of mine is coming over to Oslo in couple of weeks time and he asked me if I could recommend a good place for him to stay in Oslo. Nothing popped to my mind, so I answered "any place downtown is good". But is there a way that we could answer this question with data?

My friend is coming in time to visit the meetup, which is usually held in Technology House (Teknologihuset) downtown. I also plan to show him my office, located in Fornebu area, just outside of the city border. We also plan to visit University of Oslo (UiO) and Norwegian Business School (BI). Since these locations are spread out around the city, I would like to recommend him a place to stay where he could find himself in relative proximity to these key locations, but also have enough life and entertainment opportunities around to keep him busy while I am at work.)

Dmytro's code <https://github.com/dmi3kno/ECIM18-geoWithR>

HTML https://rawgit.com/dmi3kno/ECIM18-geoWithR/master/ecim_dashboard_v2.html

Blog <https://www.ddrive.no/post/oslobnb-where-to-stay-in-oslo/>

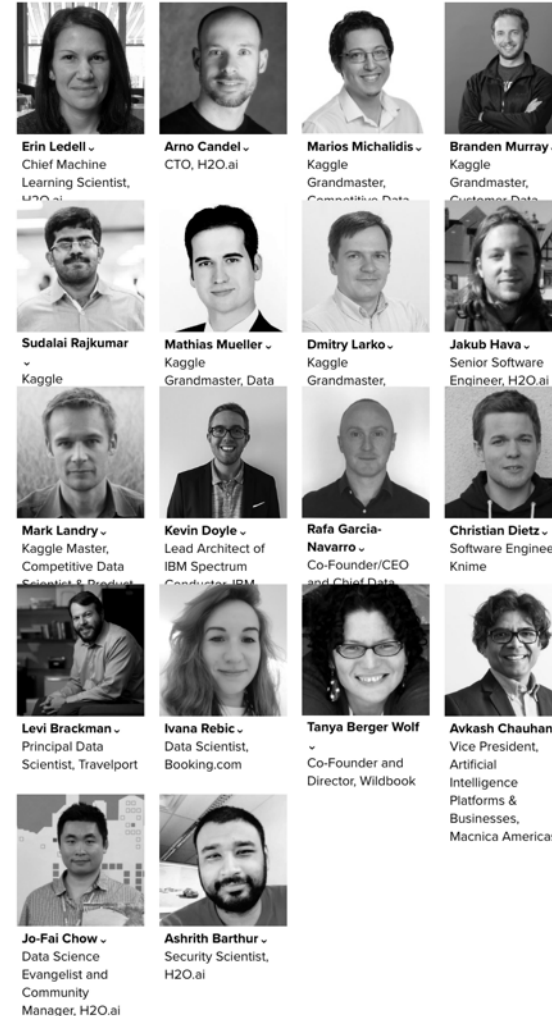
I am here because ...

H₂O World is coming to London this year!



29th & 30th Oct, London

Session **Speakers**



More real-world use cases
+
All H₂O Kaggle Grandmasters
+
Hands-on Training

H₂O.ai

Danke!



- More Info, Code, and Slides
 - bit.ly/h2o_meetups
- Contact
 - joe@h2o.ai
 - [@matlabulous](#)
 - github.com/woobe