Reasons to consider R in digital analytics A flavored presentation with

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About me

R-Ladies Bucharest Chapter Lead | Data Analytics Professional

Data & Technology Enthusiast | Fast Learner | Positive Experience in Telecom industry, Direct marketing & ONGs

Find me on Linkedin or twitter

Setting Expectations

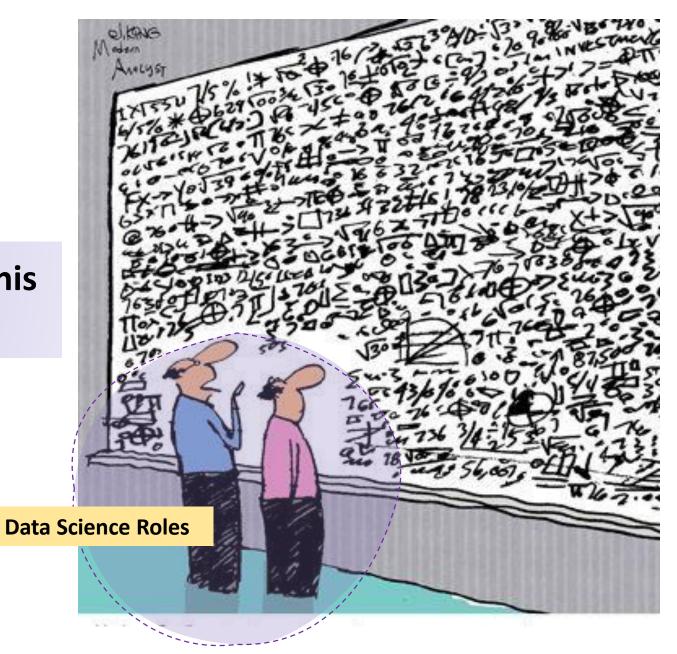
- This is a presentation meant to give you a flavor of R
- This is a presentation of options \odot

Customer 360°



Data enthusiasts

Let's make some sense of this data



Reality. Let's R now



googlesheets4 — read and write data from google sheets

Maintainer, Author Jenny Bryan

install.packages("googlesheets")
library("googlesheets")

Until Mar 2020

```
# install.packages("devtools")
devtools::install_github("tidyverse/googlesheets4")
```

Needed as it's not yet on CRAN

RMySQL - Read and write data to databases

Maintainer Jeroen Ooms

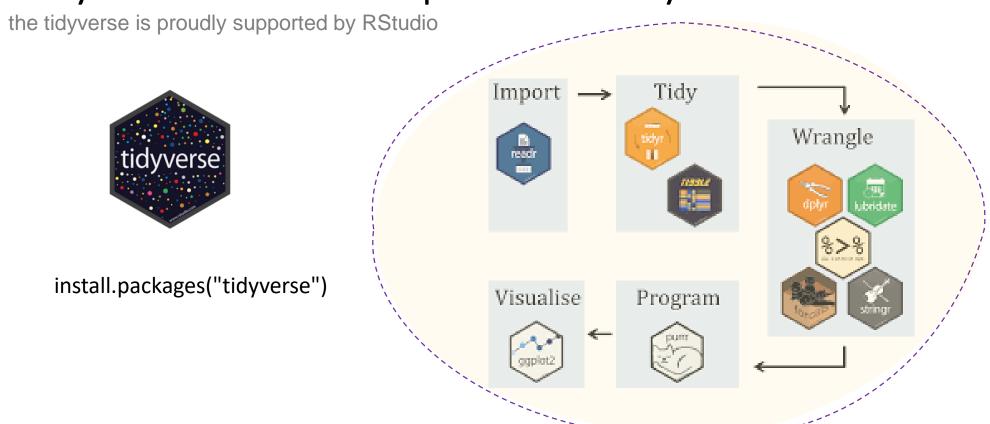


install.packages(" RMySQL")

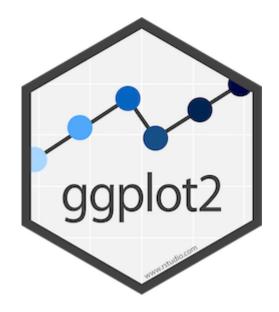
library(RMySQL)

mydb = dbConnect(MySQL(),
user='user', password='password',
dbname='database_name', host='host')

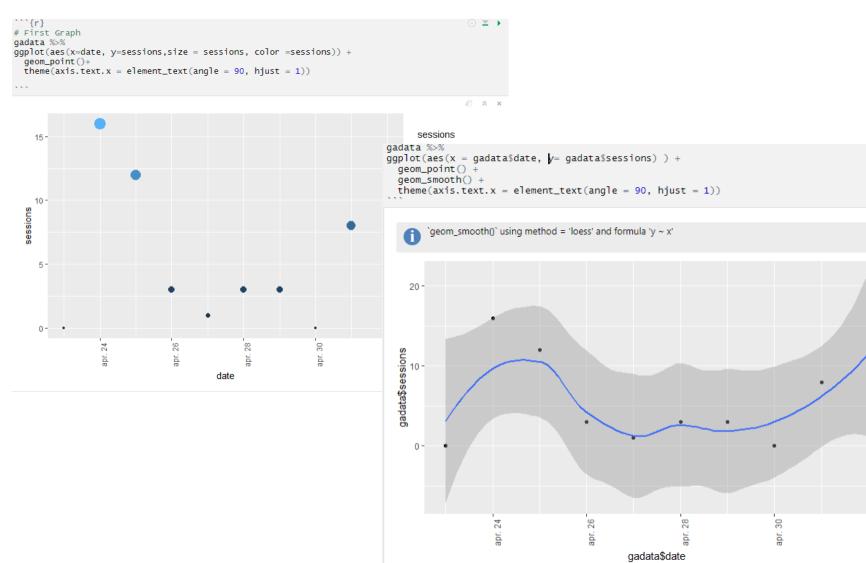
tidyverse – a complete ecosystem for data science



ggplot2 and plotly to build nice vizualisations



install.packages("ggplot2")

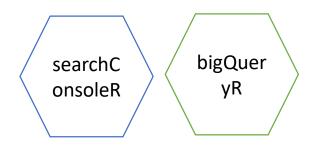


googleAnalytisR and the 4 magic commands

Maintainer, Author Mark Edmondson



install.packages("googleAnalyticsR")



```
    load libraries
    library("googleAnalyticsR")
```

2. authorize connection with Google Analytics servers ga_auth()

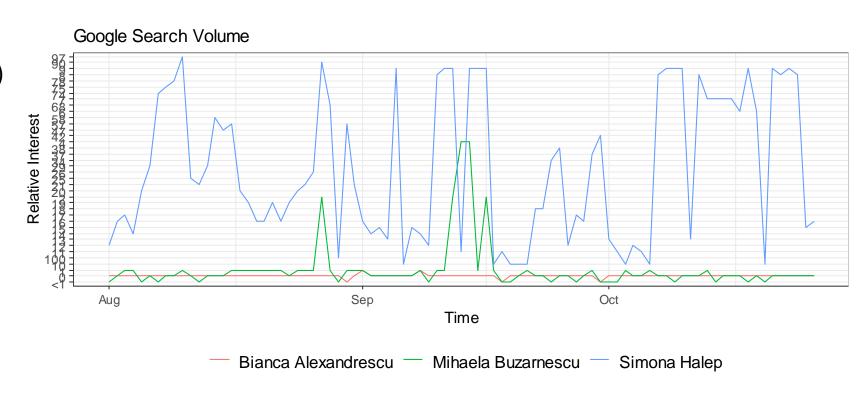
```
3. pick a profile with data to query ga id <- account list[4,'viewId']
```

gTrendsR

Maintainer, Author Philippe Massicotte

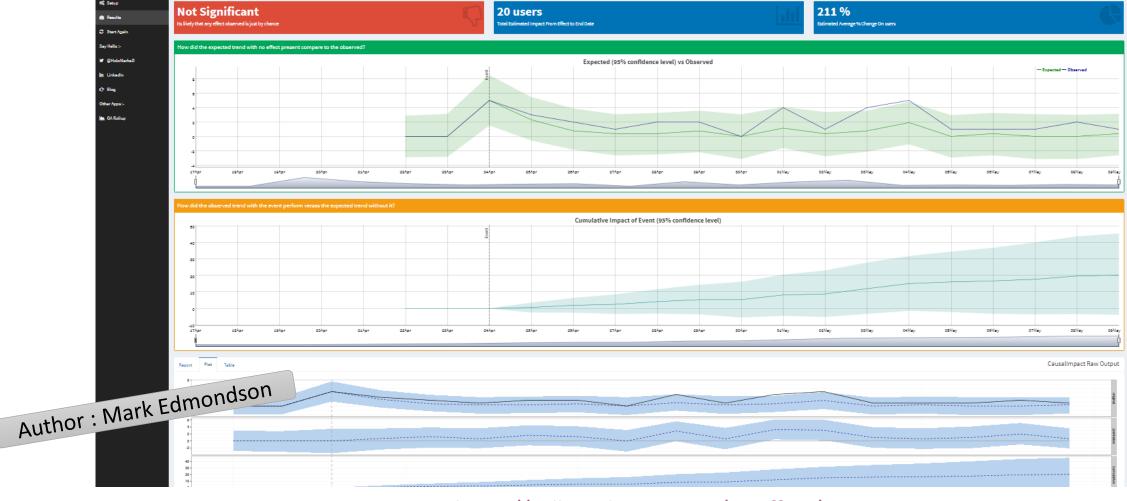
install.packages("gTrendsR")

load library library(gtrendsR) ?gtrends

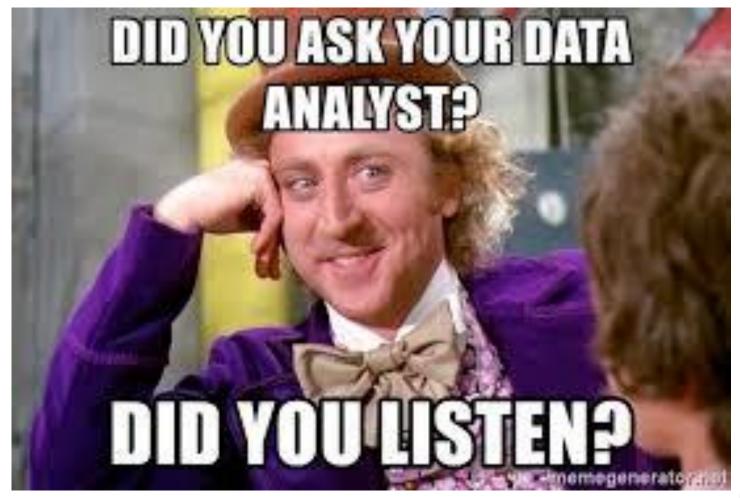


shiny – next level

Maintainer Winston Chang



https://gallery.shinyapps.io/ga-effect/





Thank you