>one-liners

# 3 Packages to Boost Productivity

# SatRday JHB 2019-04-06

# Oscar Baruffa
*Thanks!
Installation

> install.packages("beepr")

> install.packages("DataExplorer") #note Caps

> install.packages("tidylog")
Beepr

> beep(1)
> beep(4)

Sound plays!

Great to include @ end of long-running scripts
R version 3.5.1 (2018-07-02) -- "Feather Spray"
Copyright (C) 2018 The R Foundation for Statistical Computing
Platform: x86_64-w64-mingw32/x64 (64-bit)

R is free software and comes with ABSOLUTELY NO WARRANTY.
You are welcome to redistribute it under certain conditions.
Type 'license()' or 'licence()' for distribution details.

R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

> library(beepr)
>
>
DataExplorer

> create_report(french_train_delays)
# Basic Statistics

## Raw Counts

<table>
<thead>
<tr>
<th>Name</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rows</td>
<td>32,772</td>
</tr>
<tr>
<td>Columns</td>
<td>13</td>
</tr>
<tr>
<td>Discrete columns</td>
<td>4</td>
</tr>
<tr>
<td>Continuous columns</td>
<td>9</td>
</tr>
<tr>
<td>All missing columns</td>
<td>0</td>
</tr>
<tr>
<td>Missing observations</td>
<td>9,654</td>
</tr>
<tr>
<td>Complete Rows</td>
<td>23,610</td>
</tr>
<tr>
<td>Total observations</td>
<td>426,036</td>
</tr>
<tr>
<td>Memory allocation</td>
<td>3.3 Mb</td>
</tr>
</tbody>
</table>
Univariate Distribution

Histogram
fam_games <- board_games %>%
  filter(min_age <= 5) %>%
  filter(max_playtime <= 30) %>%
  filter(users_rated >= 300)

filter: removed 9605 out of 10532 rows (91%)
filter: removed 342 out of 927 rows (37%)
filter: removed 486 out of 585 rows (83%)
Installation

> install.packages("beepr")

> install.packages("DataExplorer")  #note Caps

> install.packages("tidylog")
Get summary outputs of dplyr functions in R with
dp %>% filter(a>10) "filter: 15 rows removed (12%)"
59 views • 1 month ago

City lights in 14 lines of R code
4:07
51 views • 1 month ago

Using Rtwee and RegEx to extract GPS location from a
22:33
41 views • 2 months ago

Rtip: 6 shortcuts for R programming in Rstudio
3:01
40 views • 2 months ago

Rtip: Comparing read.csv and
read_csv in R
1:39
25 views • 2 months ago

How to do quick and simple
EDA in R with the
8:37
113 views • 2 months ago

How to make sound
notifications in R using the
5:10
48 views • 2 months ago
Get in touch

> oscarbaruffa.com

> twitter: @oscar_b123 👏

> Youtube: “Other People’s Rstats”

Thanks to EmojiOne for use of emoji :}
