tidyverse（再）入門

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Yuta Kanzawa @yutakanzawa

SFE Senior Analyst at Janssen Pharmaceutical K.K., Tokyo
A Family Company of Johnson & Johnson

I am...

- 神沢雄大 Yuta Kanzawa (twitter: @yutakanzawa)
- Data scientist at Janssen Japan, Tokyo
- Opera & wine lover
  - Wagner
  - Bourgogne
- 7 languages
  - Human: Japanese, English, German
  - Computer: R, Python, SAS, SQL

クッキーをデザインしました🍪

Japan.R @Japan_R_net · Nov 20

Japan.R オリジナルのクッキーを作りました。会場に早く来た方限定です！（全員分は用意してないです。）写真を取るだけでもテンション上がるかも。１年に1度のJapan.R を楽しみましょう！

@yutakanzawa さんがデザインしてくれました。

「クッキー製作・写真撮影：（株）デコレ」

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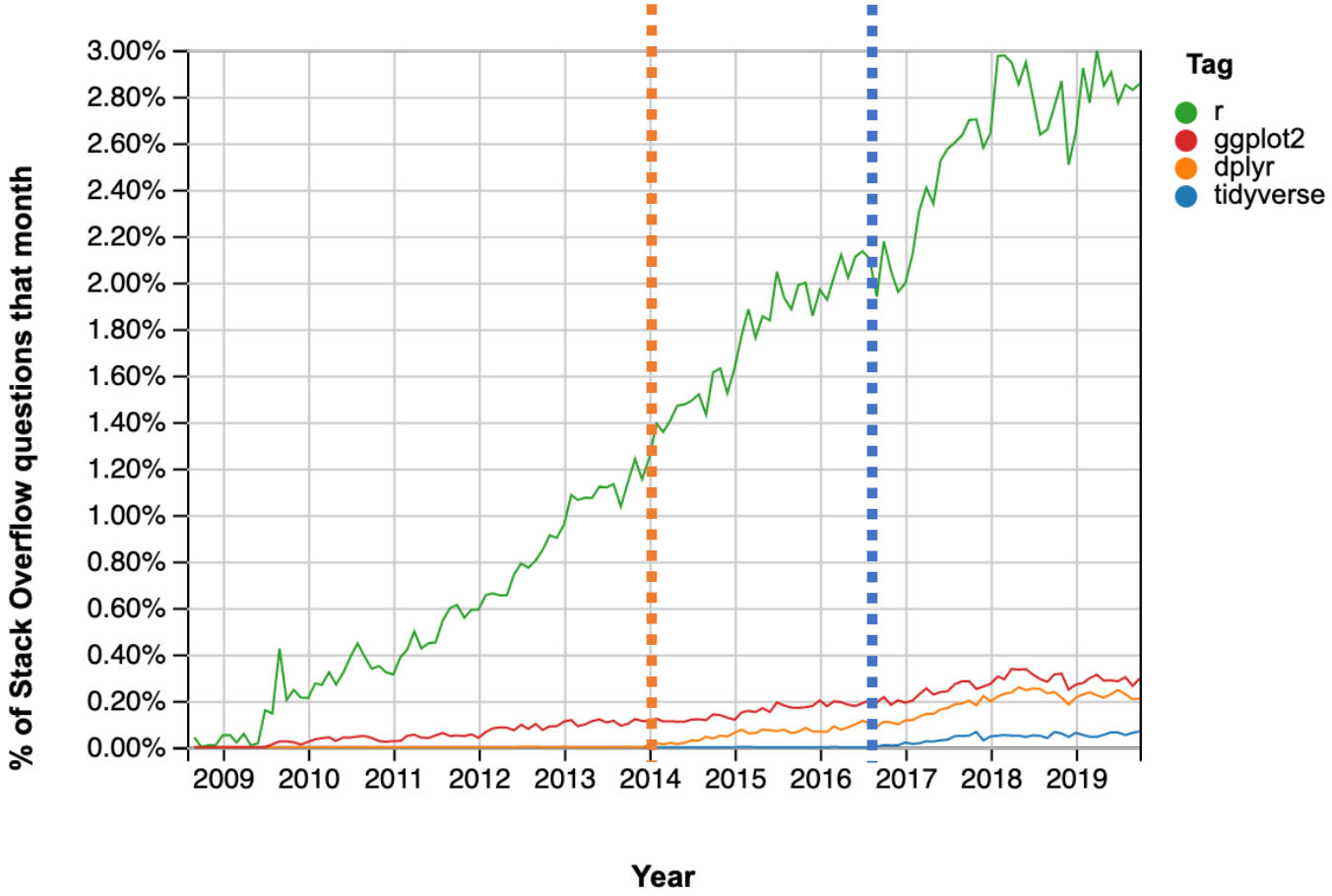
アジェンダ

- 今日話すこと
  - tidyverseと私たち

- 今日話さないこと
  - tidyverseの詳細（参照：宇宙本）
  - Python

tidyverse native



* https://insights.stackoverflow.com/trends?tags=tidyverse%2Cdplyr%2Cr%2Cggplot2

Base R native

- [演算子、$演算子
- sort(), melt(), dcast()
- aggregate()

Things are changing...

e.g. *Analyzing Baseball Data with R* (Marchi, Albert)*1

1st Edition (October 2013)*2

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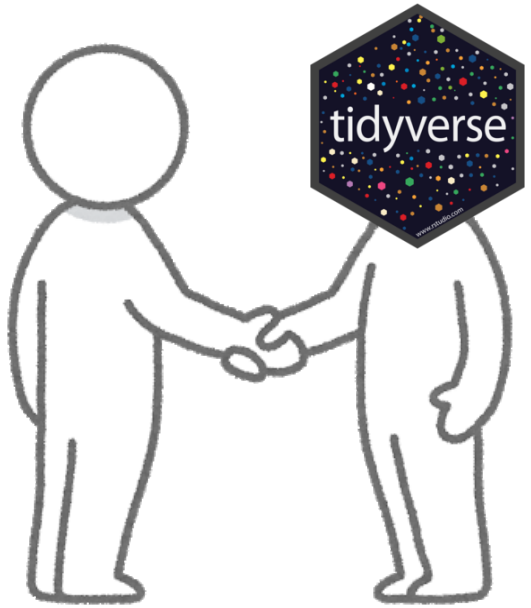
*1 https://shinyorke.hatenablog.com/#fn-bf977ec1
*2 https://www.amazon.com/Analyzing-Baseball-Data-Chapman-Hall/dp/1466570229
*3 https://www.amazon.com/Analyzing-Baseball-Data-Second-Chapman/dp/0367024861

To be tidyverse adaptive

- tidyverseの便利なパッケージや関数を使ってみる。
  - e.g.1 dplyr::coalesce()
  - e.g.2 tidyr::separate()

- パイプ演算子%>%の記法に慣れる。

- レガシーコードを書き換えてみる。
  - 正解があるので、取り組みやすいはず。



詳しくは
R Advent Calendar 2019で！
https://qiita.com/advent-calendar/2019/rlang

Enjoy!