QTM 151

Lab 08 – Shiny web applications

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Summer

Recap

We learned:

- `qplot`: quick way to make ggplot graphs.
- `ggplotly` and `plot_ly`: create nice plotly graphs.
- `dplyr *_join` methods: joining data
- `forcats` methods: working with categorical variables
- `lubridate` methods: processing dates and times
- `tidyr` methods: reshape datasets
- `maps` and `ggmap` for creating maps.

Great job!!

Do you have any questions about any of these contents?

Today we are going to talk about Shiny Web Apps in R.

This Class

We have a quiz for this class, due in a few days. Please let me know if you have any questions.

How is the final project going? Do you need my help?

Our GitHub page is: https://github.com/umbertomig/qtm151

Shiny Webapps

Getting Started: loading packages

```
# Loading tidyverse
library(tidyverse)
```

```
## ── Attaching packages ─────────────────────────────────────── tidyv

## ✓ ggplot2 3.3.5     ✓ purrr   0.3.4
## ✓ tibble  3.1.3     ✓ dplyr   1.0.7
## ✓ tidyr   1.1.3     ✓ stringr 1.4.0
## ✓ readr   2.0.0     ✓ forcats 0.5.1

## ── Conflicts ────────────────────────────────────────── tidyverse_c
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```
library(shiny)
```

Getting Started: loading data

We will use the shiny presentation by Garrett Grolemund, one of the R Studio main Data Scientists

Questions?

Thank you so much for the class! I hope to see you soon in my QTM 385 class!