

Containerising your software, code, and data to allow for full reproducibility.



Turn a Git repo into a collection of interactive notebooks

Have a repository full of Jupyter notebooks? With Binder, open those notebooks in an executable environment, making your code immediately reproducible by anyone, anywhere.

Build and launch a repository

GitHub repository name or URL

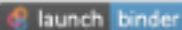
GitHub ▾ GitHub repository name or URL

Commit Path to a notebook file (optional)

Path to a notebook file (optional) File ▾ launch

and share your Binder with others:

to see a URL for sharing your Binder.

Copy the text below, then paste into your README to show a binder badge:  launch binder

hub-binder.mybinder.ovh/user/ajstewartlang-s-visualisation_6-6bj4oiq7/rstudio/

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script_vis_6.R

```
1 library(ggplot2)
2 library(ggthemes)
3 library(readr)
4 library(dplyr)
5 library(tidyr)
6 library(stringr)
7 library(magrittr)
8 library(tools)
9 library(gganimate)
10 library(ggimage)
11 library(gifski)
12 library(png)
13
14 full_trains <- read_csv("https://raw.githubusercontent.com/rfordatascience/tidytuesday/master/data/2017/2017-train-trips.csv")
15
16 # Visualisation 6 ###
17 p <- full_trains %>%
18   filter(service == "International" & year == 2017) %>%
```

Environment History Connections

Global Environment

Environment is empty

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Home

	Name	Size	Modified
<input type="checkbox"/>	.gitignore	593 B	Aug 26, 2019, 2:40 PM
<input type="checkbox"/>	apt.txt	22 B	Aug 26, 2019, 2:40 PM
<input type="checkbox"/>	install.R	327 B	Aug 26, 2019, 2:40 PM
<input type="checkbox"/>	README.md	159 B	Aug 26, 2019, 2:40 PM
<input type="checkbox"/>	runtime.txt	14 B	Aug 26, 2019, 2:40 PM
<input type="checkbox"/>	script_vis_6.R	1.3 KB	Aug 26, 2019, 2:40 PM
<input type="checkbox"/>	SIPS_visualisation_6.Rproj	205 B	Aug 26, 2019, 2:40 PM
<input type="checkbox"/>	train.png	62.5 KB	Aug 26, 2019, 2:40 PM

Console Terminal

```
~/
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.

Natural language support but running in an English locale

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.

> |
```

runtime.txt file in my GitHub repo allows Binder to re-create my R environment (package versions etc.) associated with a particular date I specify in that file.