

# BUILDING WEBSITE IN R: STEP BY STEP INTRODUCTION TO



2019-4-2 @ UseR! Oslo Meetup, Teknologihuset  

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# BEFORE NORWAY



(First R encounter: 2014)

2016 - ?



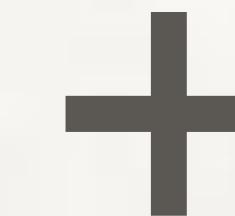
Electronic health records

Heterogeneous medical time series

Predict clinical outcome, i.e. mortality



PostgreSQL



tidyverse



ggplot2



%>%  
Ceci n'est pas un pipe



jupyter

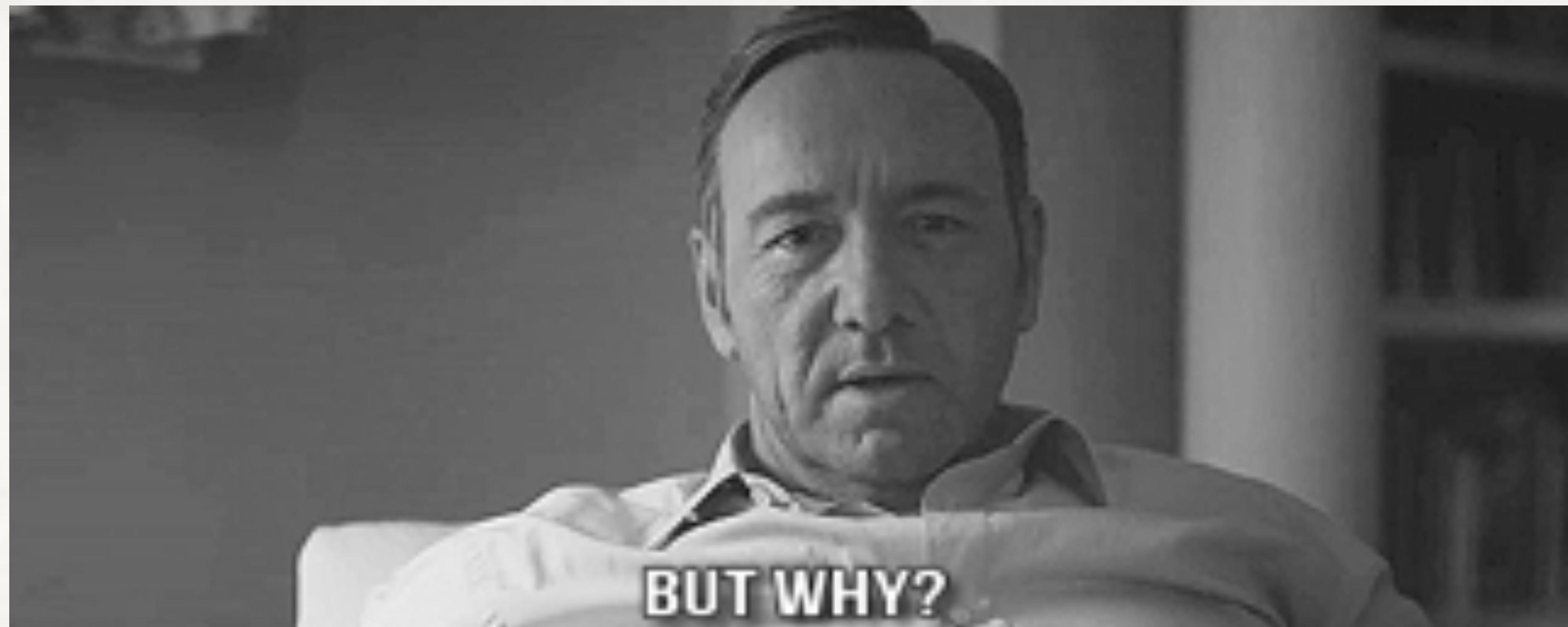
...

## DISCLAMER

NOT FOR WEB DEVELOPERS!



GIF ALERT!



To write  
To teach  
To share

To learn about a topic and get feedback

Good for the community! (maybe also for job hunting...)

# Medium

## Welcome to Medium, where words matter.

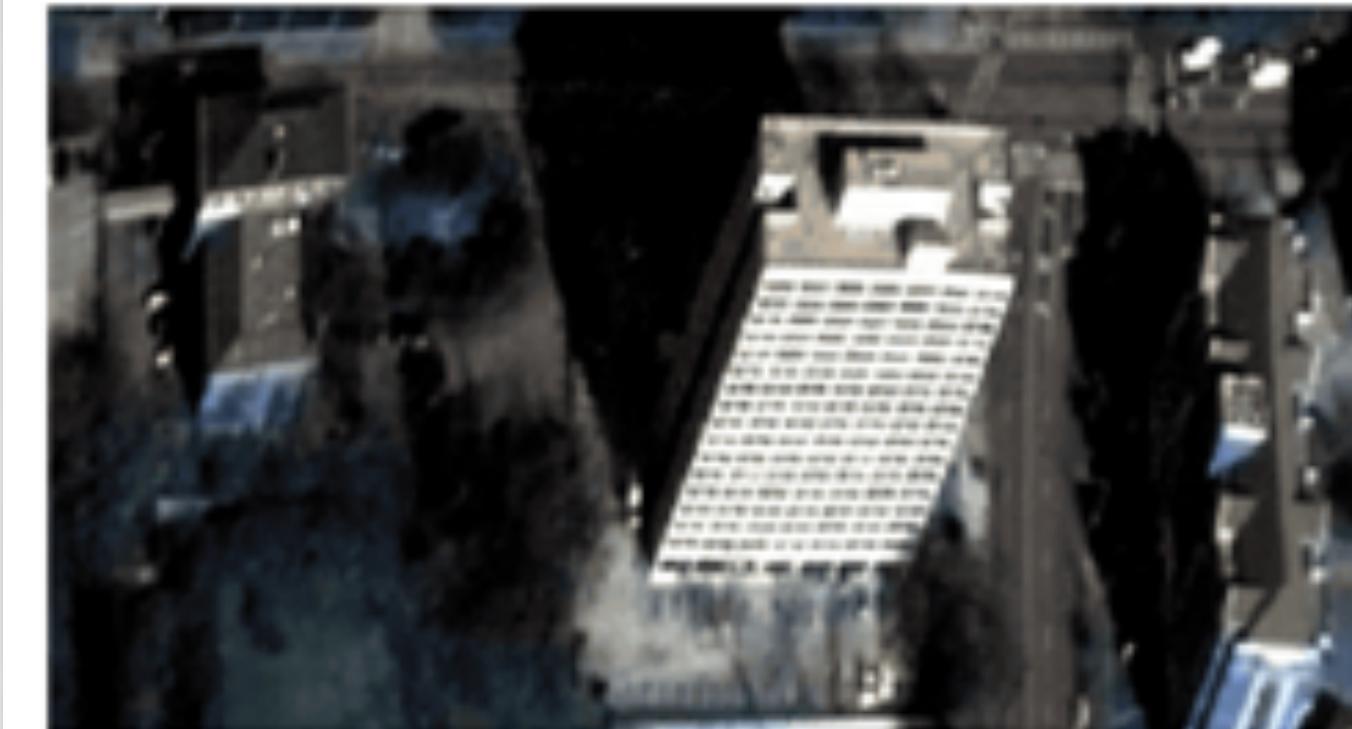


M

### Towards Data Science

Sharing concepts, ideas, and codes

DATA SCIENCE MACHINE LEARNING PROGRAMMING VISUALIZATION AI DATA JOURNALISM CONTRIBUTE



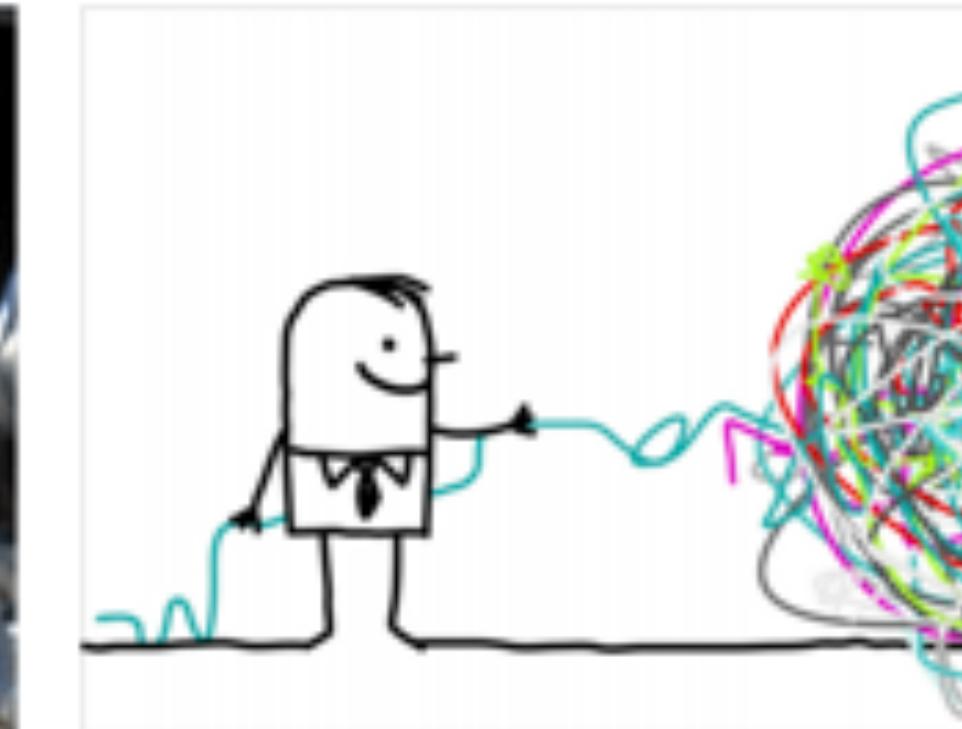
#### Towards accelerating disaster response with automated analysis of overhead imagery

A review of the SpaceNet Challenge for off-nadir building footprint extraction



Nick Weir

Mar 29 · 14 min read ★



#### "GANs" vs "ODEs": the end of mathematical modeling?

Hi everyone! In this article, I would like to make a connection between classical mathematical modeling, that we study in school, college...



Alexandr Honchar

Mar 26 · 7 min read ★

## 1. Data Analysis

Let's start our journey. We have store sales for a given date. Field `Open` denotes whether the store was functional that day or not. Store XYZ remains closed on Sundays. So, we will take into account the days, only when the store was open.

Graphic visualization of Store sales over the time period.

```
1 fig, ax = plt.subplots(figsize=(20,10))
2 ax.xaxis_date()      # interpret the x-axis values as dates
3 ax.plot(df['Date'], df['Sales'])
4 ax.xaxis.set_major_locator(mdates.MonthLocator(interval=1))
5 ax.xaxis.set_major_formatter(mdates.DateFormatter('%d-%m-%Y'))
6 ax.xaxis.set_major_formatter(mdates.DateFormatter('%b-%Y'))
7 plt.xlabel("Time Period", fontsize=20)
8 plt.ylabel("Sales", fontsize=20)
9 plt.title("Sales over Years", fontsize=20)
10 plt.gcf().autofmt_xdate()
11 plt.show()
```

code.py hosted with ❤ by GitHub

view raw

Code to visualize Sales over time



Store sales over time



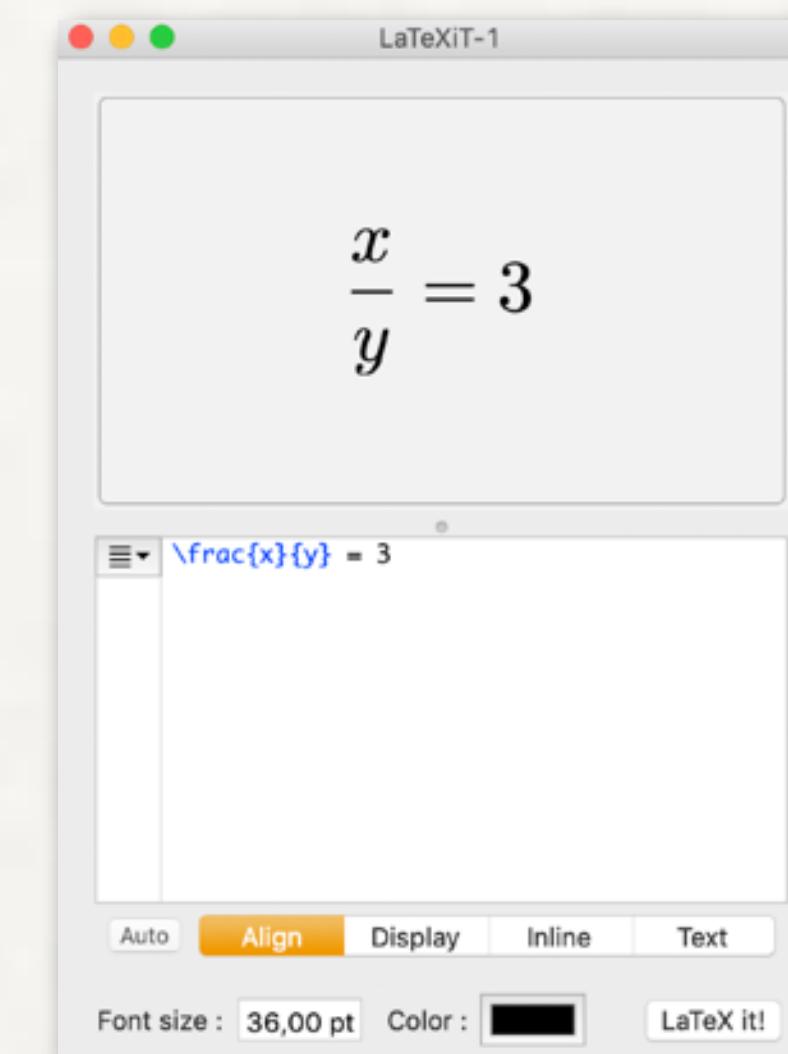
# MATH ON MEDIUM

## Inline (simple) expression: italic x and y

### f=O(g) means f ≤ g, more or less

Now for the intuition—big-oh is a way to express when certain functions are nicely ordered. Looking at graphs, it's easy to feel that  $f(x)=x$  is somehow less than  $f(x)=x^2$  or that  $f(x)=\log(x)$  is less than  $f(x)=\sqrt{x}$ . The ordering is not exact—for example  $1/2 > (1/2)^2$ , so that  $x$  isn't always  $< x^2$ . Yet this ordering is true most of the time, and this vague phrase *most of the time* is given a mathematically precise meaning using the definition above.

## Displayed expressions: images via LaTeXiT



Earlier, we found that

$$t(n) = \frac{n(n - 1)}{2}.$$

Let's turn that into an equality that can be used in a big-oh expression:

$$t(n) = \frac{n(n - 1)}{2} = \frac{1}{2}n^2 - \frac{1}{2}n < \frac{1}{2}n^2 = O(n^2).$$

DON'T WANT  
THE SAME  
TEMPLATE





JULIA SILGE

BLOG ABOUT RESUME

## LATEST POSTS

Feb. 2019

Feb 24, 2019 [Read all about it! Navigating the R Package Universe](#)

Jan. 2019

Jan 20, 2019 [Feeling the rstudio::conf ❤️](#)

Dec. 2018

Dec 16, 2018 [Word associations from the Small World of Words](#)

Dec 24, 2018 [Text classification with tidy data principles](#)

Oct. 2018

Oct 4, 2018 [TensorFlow, Jane Austen, and Text Generation](#)

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See more

© 2011 - 2017. All rights reserved.  
Built with blogdown and Hugo  
Theme Blackdown.

MSTATS

HOME ABOUT CURRICULUM CONTACT SERVICES PHOTOGRAPHER

STATISTICAL AND R BLOG

MARIE VAUGOYEAU WEBSITE

S O In Y K

VISUALIZE GEOGRAPHICAL AREAS AROUND POINTS OF INTEREST WITH LEAFLET

USING THE LEAFLET PACKAGE TO VIEW A ZONE INTERSECTION

FEBRUARY 1, 2019 MARIE VAUGOYEAU 5 MINUTES READ

RECENT POSTS

T G+ F W L D P M

# Simply Statistics

A statistics blog by Rafa Irizarry, Roger Peng, and Jeff Leek

## 10 things R can do that might surprise you

2019/03/13

Over the last few weeks I've had a couple of interactions with folks from the computer science world who were pretty disparaging of the R programming language. A lot of the criticism focused on perceived limitations of R to statistical analysis. It's true, R does have a hugely comprehensive list of analysis packages on CRAN, Bioconductor, Neuroconductor, and ROpenSci as well as great package management. As I was having these conversations I realized that R has grown into a multi-purpose connective language for things beyond just data analysis.

[Read more >](#)

## Open letter to journal editors: dynamite plots must die

Rafael Irizarry 2019/02/21

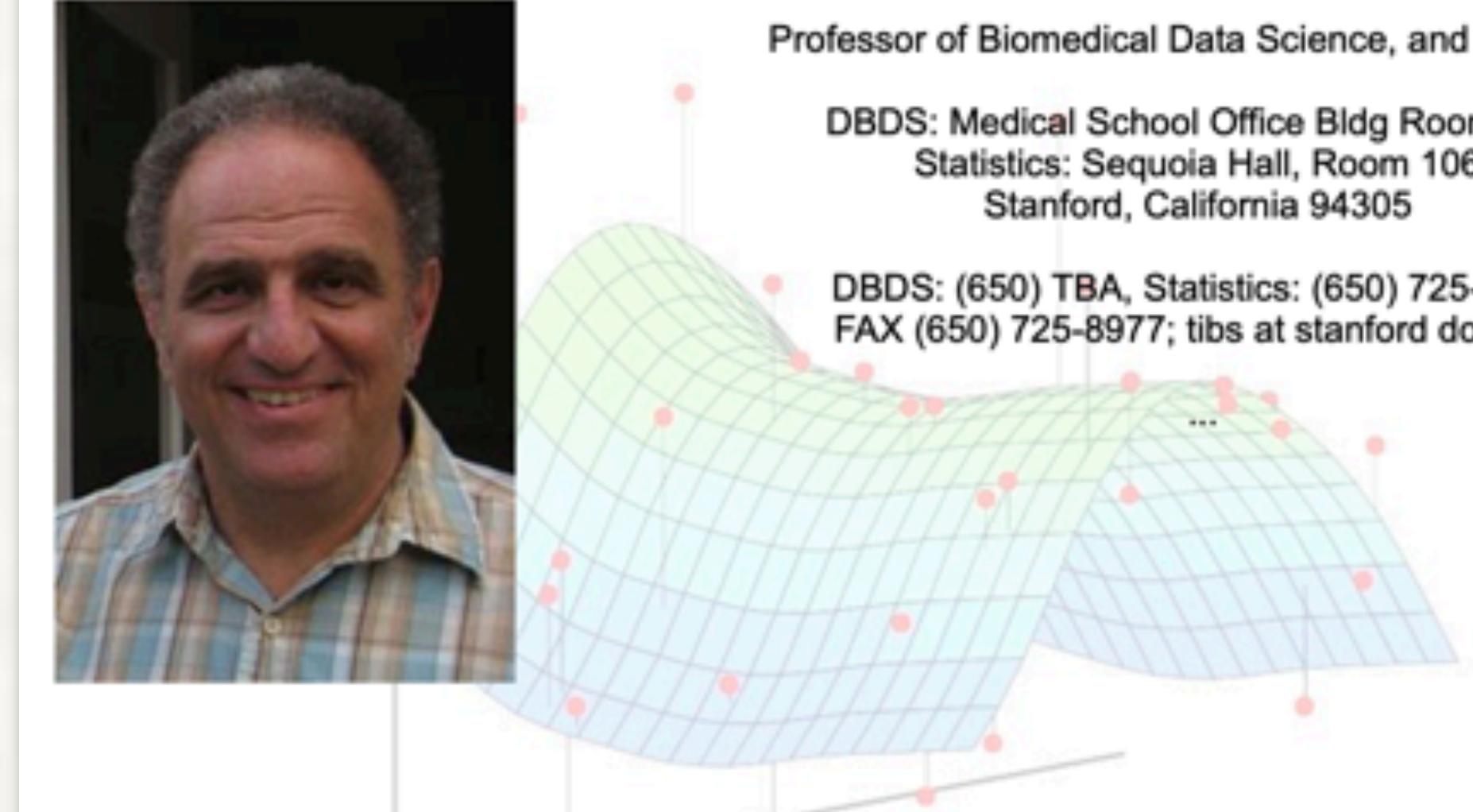
Statisticians have been pointing out the problem with dynamite plots, also known as bar and line graphs, for years. Karl Broman lists them as one of the top ten worst graphs. The problem has even been documented in the peer reviewed literature. For example, this British Journal of Pharmacology paper titled Show the data, don't conceal them was published in 2011. However, despite all these efforts, dynamite plots continue to be ubiquitous in the scientific literature.

[Read more >](#)

DON'T WANT A  
BLOG

# Rob Tibshirani

HOME RESEARCH SOFTWARE TEACHING STUDENTS PERSONAL



Professor of Biomedical Data Science, and Statistics  
DBDS: Medical School Office Bldg Room 361  
Statistics: Sequoia Hall, Room 106  
Stanford, California 94305  
DBDS: (650) TBA, Statistics: (650) 725-5989  
FAX (650) 725-8977; tibs at stanford dot edu

- Stanford University - DBDS - Statistics -

# BLOGDOWN

- Not only blog posts: personal site, documentation, ...
- Various templates (and you can make your own)
- Easy to start (if you have Rstudio)
- Math support
- Your own subdomain name



Static website generator  
Takes source directory of files as input, Formatted text  
to create a complete website

Markup language,

**LET'S GET DOWN TO BUSINESS**



**TO BUILD A SITE**

# WORKFLOW



- ✓ Git and GitHub
- ✓ Hugo
- ✓ R (RStudio) with package: blogdown, markdown
- ✓ Netlify

Credit: Alison Presmanes Hill

<https://cosx.org/2018/01/build-blog-with-blogdown-hugo-netlify-github/>

# 1. GITHUB

Create a new repository

A repository contains all project files, including the revision history.

Owner: andreaczhang / Repository name: bd-demo

Description (optional): Blogdown demo

Public: Anyone can see this repository. You choose who can commit.

Private: You choose who can see and commit to this repository.

Initialize this repository: This will let you immediately start committing code to your repository.

Add .gitignore: None

**Create repository**

andreaczhang / bd-demo

Code Issues 0 Pull requests 0 Projects 0 Wiki Insights Settings

Blogdown demo

Manage topics

1 commit 1 branch 0 releases 1 contributor

Branch: master New pull request

andreaczhang Initial commit

README.md Initial commit

README.md

**bd-demo**

Blogdown demo

Clone with HTTPS Use SSH

Use Git or checkout with SVN using the web URL.

<https://github.com/andreaczhang/bd-demo>

Open in Desktop Download ZIP

New Project

Back

Clone Git Repository

Repository URL: <https://github.com/andreaczhang/bd-demo>

Project directory name: bd-demo

Create project as subdirectory of: ~/Documents/Programming

Browse...

Open in new session

**Create Project** **Cancel**

## 2. HUGO THEMES

Controls the appearance and functionality

The screenshot shows the Hugo Themes page with a dark header containing the Hugo logo and navigation links for News, Docs, Themes, Showcase, Community, GitHub, and a search bar. Below the header, the page title "Hugo Themes" is displayed. Six theme cards are shown in two rows of three:

- Copper**: A blog theme with a sidebar featuring a coffee cup icon and a list of categories.
- Hugo Lodi Theme**: A personal profile theme with a circular profile picture, a bio, and social media links.
- Story**: A multi-page theme with a large banner image at the top and a grid of smaller images below.
- Terminal**: A terminal-style theme with a dark background and colored bars representing different command outputs.
- Nix**: A minimalist theme featuring a large circular profile picture and social media icons.
- Dgraph**: A complex theme with a dark background, a large image at the top, and a detailed description of its features.

The more customised, the more difficult to change in the future

# ACADEMIC THEME

## Elements for **Every** Kind of Site

Themes      Blog Post      Publication      Talk & Slides  
Filterable Portfolio      Blurb      Code      Math

Academic    Home    Publications    Posts    Projects    Tutorials    Contact



### Nelson Bighetti

Professor of Artificial Intelligence  
Stanford University

[Email](#) [Twitter](#) [Google](#) [GitHub](#)

### Biography

Nelson Bighetti is a professor of artificial intelligence at the Stanford AI Lab. His research interests include distributed robotics, mobile computing and programmable matter. He leads the Robotic Neurobiology group, which develops self-reconfiguring robots, systems of self-organizing robots, and mobile sensor networks.

*Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed neque elit, tristique placerat feugiat ac, facilisis vitae arcu. Proin eget egestas augue. Praesent ut sem nec arcu pellentesque aliquet. Duis dapibus diam vel metus tempus vulputate.*

<b>Interests</b>	<b>Education</b>
<ul style="list-style-type: none"><li>• Artificial Intelligence</li><li>• Computational Linguistics</li><li>• Information Retrieval</li></ul>	<p> PhD in Artificial Intelligence, 2012 Stanford University</p> <p> MEng in Artificial Intelligence, 2009 Massachusetts Institute of Technology</p> <p> BSc in Artificial Intelligence, 2008 Massachusetts Institute of Technology</p>

# ACADEMIC THEME

The image shows a grid of 12 cards, each representing a different theme variation of the Academic theme. The cards are arranged in a 3x4 grid. The columns represent the main themes: default, ocean, forest, and dark. The rows represent sub-themes: apogee, 1950s, coffee, and cupcake.

**default:** The background is white. The 'ACADEMIC' tab is grey. The social media icons at the bottom are blue.

**ocean:** The background is light blue. The 'ACADEMIC' tab is dark blue. The social media icons at the bottom are blue.

**forest:** The background is light green. The 'ACADEMIC' tab is green. The social media icons at the bottom are green.

**dark:** The background is black. The 'ACADEMIC' tab is dark grey. The social media icons at the bottom are pink.

**apogee:** The background is purple. The 'Academic' tab is grey. The social media icons at the bottom are yellow.

**1950s:** The background is cream. The 'ACADEMIC' tab is light blue. The social media icons at the bottom are red.

**coffee:** The background is light brown. The 'ACADEMIC' tab is dark grey. The social media icons at the bottom are red.

**cupcake:** The background is orange. The 'Academic' tab is purple. The social media icons at the bottom are pink.

**User Profile:** Each card features a black circular profile picture with a blue silhouette of a person's head. Below the picture, the name 'Lena Smith' is displayed in a bold, black font. Underneath the name, the text 'Professor of Artificial Intelligence' and 'Stanford University' is shown in a smaller, black font. At the bottom of each card, there is a row of four social media icons: an envelope (Email), a bird (Twitter), a square with a diagonal line (Google+), and a circle (LinkedIn).

### 3. R, RSTUDIO

- `install.packages('blogdown')`
- `blogdown::install_hugo()`

Downloads appropriate Hugo executable for your platform,  
so `blogdown` can run the Hugo command to build a site

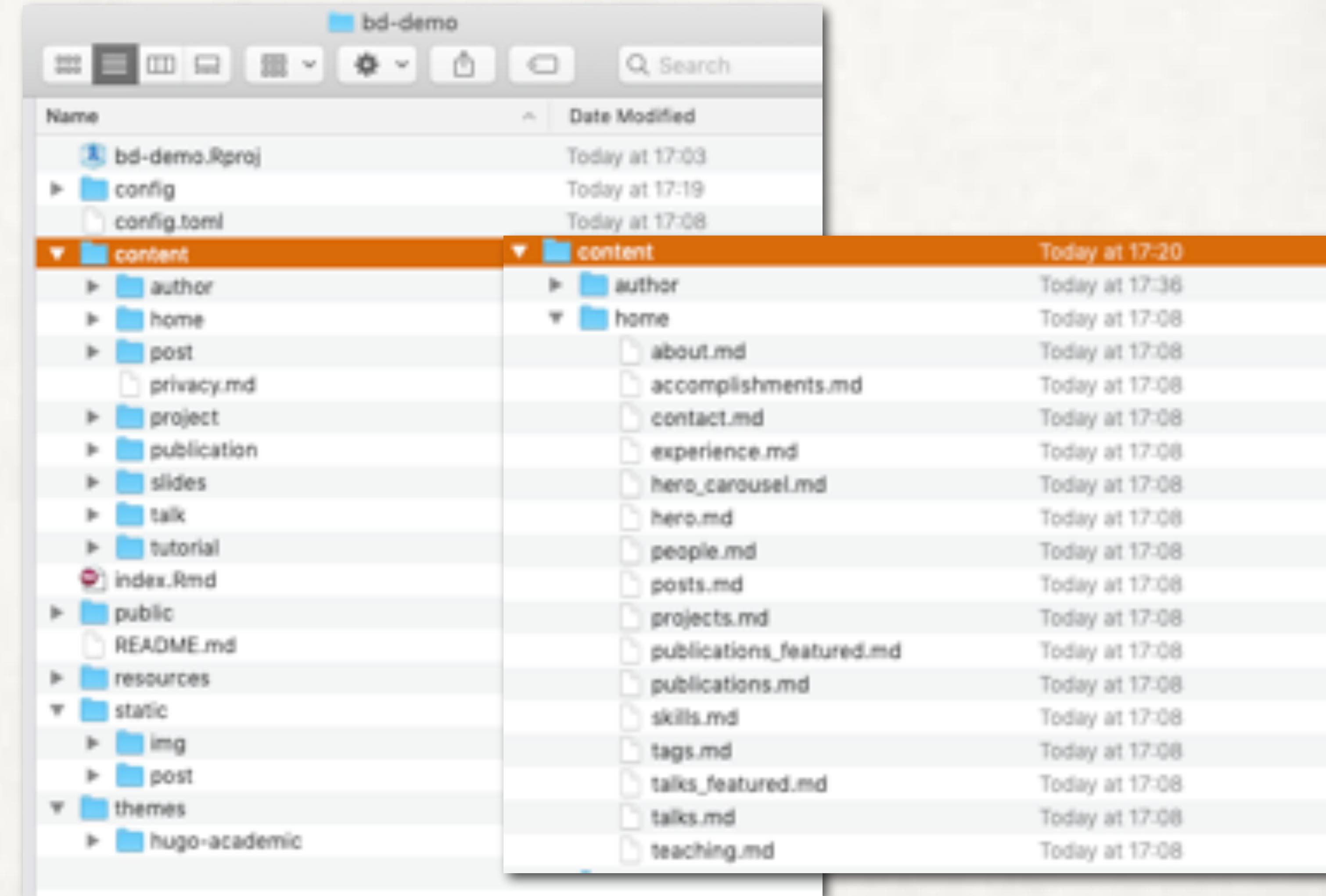
- `blogdown::new_site(theme = 'gcushen/hugo-academic', theme_example = T)`
- `blogdown::serve_site()`

The screenshot shows the RStudio interface with several panels:

- Code Editor:** Displays an R Markdown file named "2015-07-23-r-markdown.Rmd". The code includes YAML front matter and an R chunk setup.
- Addins:** A dropdown menu for the BLOGDOWN add-in, listing options: Insert Image, New Post, Quote Poem, Serve Site, Touch File, and Update Metadata.
- Environment:** Shows the project structure: .DS\_Store, .gitignore, bd-demo.Rproj, config/, config.yaml, content/, index.html, public/, resources/, static/.
- Viewer:** Displays a preview of the generated website under the "Academic" theme. The page title is "Academic" and the subtitle is "The Best Way to Create the Website You Want from Markdown (or RStudio/Jupyter)". It also features a "Build Anything with Widgets" call-to-action.
- Console:** Shows the output of running the R Markdown file, including the generated files and a server start message.

# OVERWHELMED BY YOUR SITE

<https://themes.gohugo.io/theme/academic/>

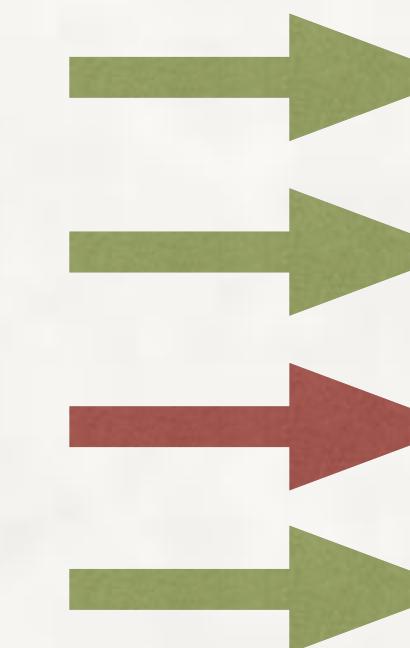




Yes, modify them!



Better not touch

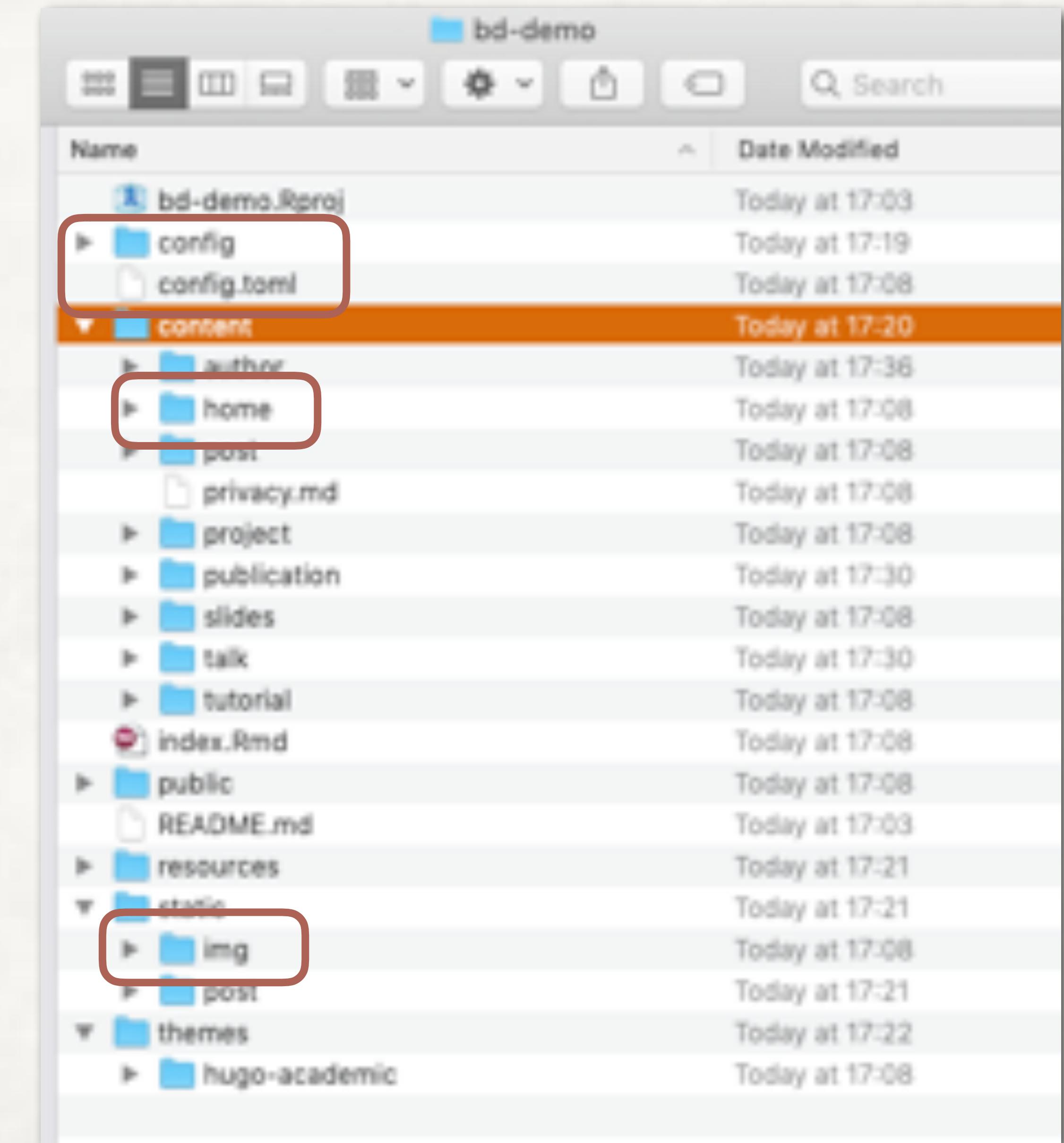


Name	Date Modified
bd-demo.Rproj	Today at 17:03
config	Today at 17:19
config.toml	Today at 17:08
content	Today at 17:20
author	Today at 17:36
home	Today at 17:08
post	
privacy.md	Today at 17:08
project	
publication	
slides	
talk	
tutorial	
index.Rmd	
public	
README.md	
resources	
static	
img	
post	
themes	
hugo-academic	Today at 17:08
content	
author	
home	
about.md	Today at 17:08
accomplishments.md	Today at 17:08
contact.md	Today at 17:08
experience.md	Today at 17:08
hero_carousel.md	Today at 17:08
hero.md	Today at 17:08
people.md	Today at 17:08
posts.md	Today at 17:08
projects.md	Today at 17:08
publications_featured.md	Today at 17:08
publications.md	Today at 17:08
skills.md	Today at 17:08
tags.md	Today at 17:08
talks_featured.md	Today at 17:08
talks.md	Today at 17:08
teaching.md	Today at 17:08

# START WITH HOMEPAGE

- Modify homepage appearance: **config.toml**  
**TOM'S OBVIOUS, MINIMAL LANGUAGE**
  - Replace with your own content
  - Control widgets: **content/home/\*yoursection**
    - **select`active = true` (or false)**
    - Change photo
    - Go to **static/img**
    - Replace **portrait.jpg**

# START WITH HOMEPAGE





# Chi Zhang

PhD Candidate  
University of Oslo



## About me

I am a PhD candidate at the Department of Biostatistics, University of Oslo, Norway. My current work is focused on Electronic Health Records. I want to make use of the heterogenous medical time series and understand patient characteristic, and predict certain clinical outcomes.

In my free time I like cooking, and my favorites are Sichuan Foods.

```
# Navigation Links
# To link a homepage widget, specify the URL as a hash '#' followed
# by the desired widget in your 'content/home/' folder.
# The weight parameter defines the order that the links will appear
[params.menus]
  # Align the main menu to the right of the page? (true/false)
  align_right = true

[[menu.main]]
  name = "Home"
  url = "#about"
  weight = 1

[[menu.main]]
  name = "Posts"
  url = "#posts"
  weight = 2

[[menu.main]]
  name = "Projects"
  url = "#projects"
  weight = 3

[[menu.main]]
  name = "Publications"
  url = "#publications"
  weight = 4

# [[menu.main]]
#   name = "Tutorials"
#   url = "/tutorial/"
#   weight = 5
```

```
[[params.social]]
icon = "envelope"
icon_pack = "fas"
link = "mailto:andreachizhang@yahoo.com"

[[params.social]]
icon = "twitter"
icon_pack = "fab"
link = "https://twitter.com/Andreasheen"

[[params.social]]
icon = "google-scholar"
icon_pack = "ai"
link = "https://scholar.google.co.uk/cit"

[[params.social]]
icon = "github"
icon_pack = "fab"
link = "https://github.com/andreaczhang"

[[params]]
# AUTHOR SETUP
# Your details.
name = "Chi Zhang"
role = "PhD Candidate"

# Organizations/Affiliations.
# Separate multiple entries with a comma, using the form: '{ name="Org1", url=""}, {name="Org2", url=""} ...'
organizations = [ { name = "University of Oslo", url = "" } ]

gravATAR = false # Get your avatar from Gravatar.com? (true/false)
avATar = "portrait.jpg" # Specify an avatar image (in 'static/img/' folder) or delete value to use Gravatar

# Details for the Contact Widget
email = "andreachizhang@yahoo.com"
address = "Domus Medica, University of Oslo, Oslo, Norway"
```

(config.toml)



## About me

I am a PhD candidate at the Department of Biostatistics, University of Oslo, Norway. My current work is focused on Electronic Health Records. I want to make use of the heterogenous medical time series and understand patient characteristic, and predict certain clinical outcomes.

In my free time I like cooking, and my favorites are Sichuan Foods.

Chi Zhang

PhD Candidate  
University of Oslo



(content/home/about.md)

```
+++  
# About/Biography widget.  
widget = "about"  
active = true  
date = 2016-04-20T00:00:00
```

YAML HEADER

```
# Order that this section will appear in.  
weight = 5  
# List your qualifications (such as academic degrees).  
#[[education.courses]]  
# course = "PhD in Biostatistics"  
# institution = "University of Oslo"  
# year = 2020  
  
#[[education.courses]]  
# course = "MSc in Statistics"  
# institution = "Imperial College of London"  
# year = 2016  
  
#[[education.courses]]  
# course = "BSc in Mathematics with Finance"  
# institution = "University of Liverpool"  
# year = 2014
```

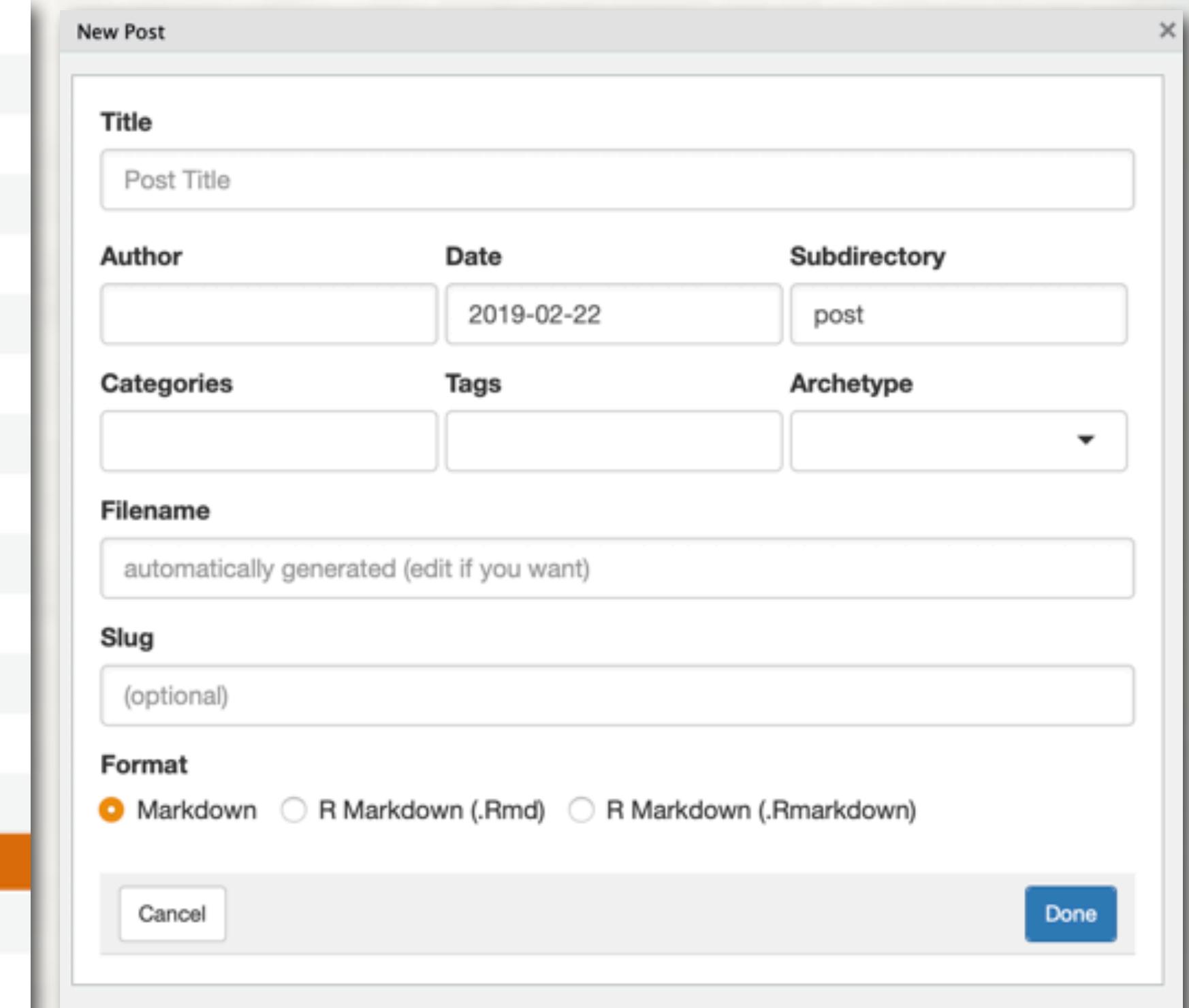
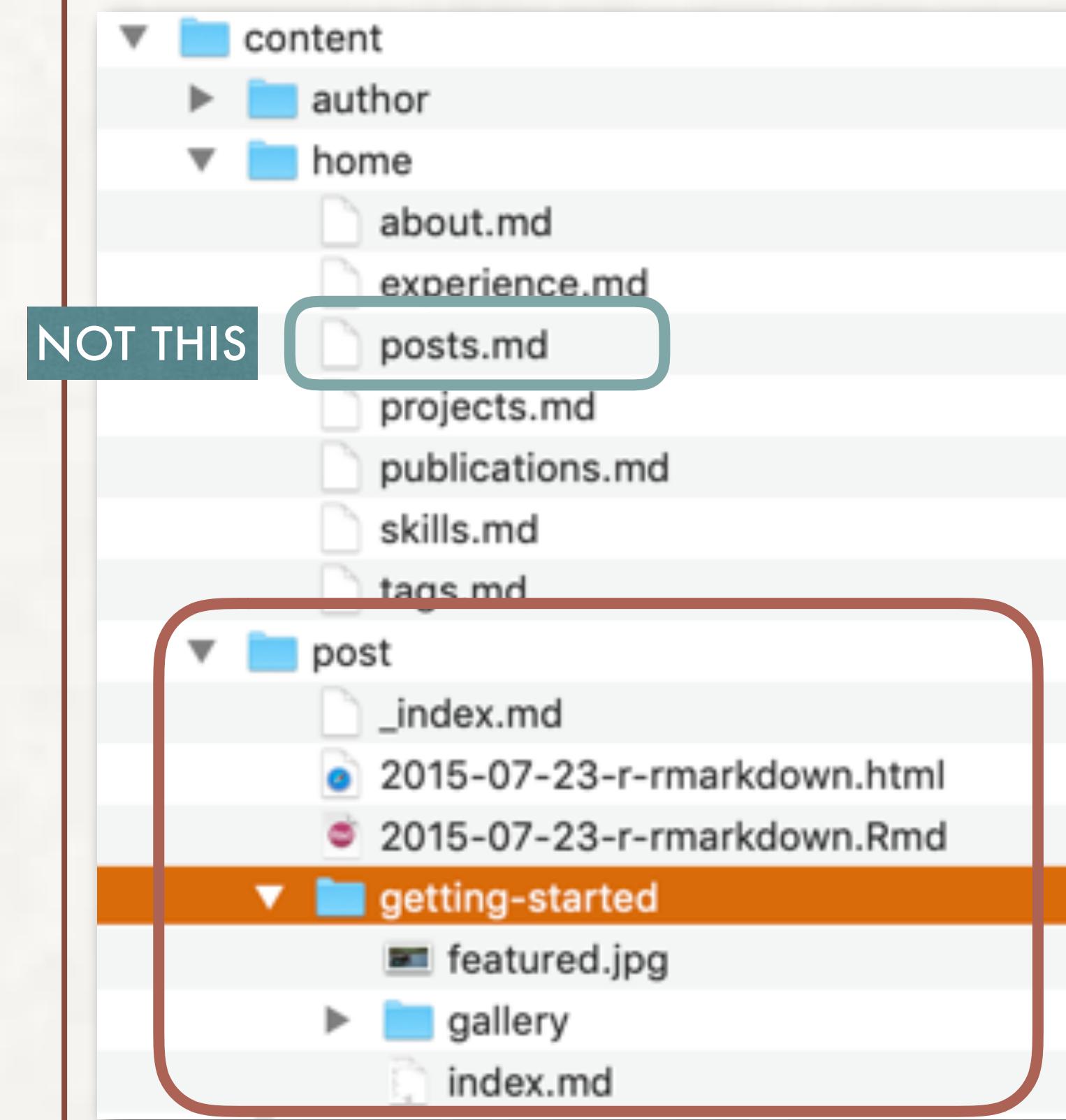
```
+++  
  
# About me
```

I am a PhD candidate at the Department of Biostatistics, University of Oslo, Norway. My current work is focused on Electronic Health Records. I want to make use of the heterogenous medical time series and understand patient characteristic, and predict certain clinical outcomes.

In my free time I like cooking, and my favorites are Sichuan Foods.

# NEW POST

- Use new post add-in
- Create new markdown or Rmd in content/post



```
MyBlogPost.md
```

```
Overwhelmed by Hugo academic theme: a
beginner's guide

Experience of using R blogdown to build my webpage

I feel like writing down and summarize my very own experience of creating a blog using R
blogdown created by Yihui Xie. I already got the page started in December 2018 and I thought and
have decided to share my experience at my local Oslo userR! Group, however I have been busy,
either traveling or working on my project. Now it is the time that I commit myself this Sunday
afternoon to start!
```

```
Why am I writing this post?

Yes, there are already many posts on how to get you started. However I haven't seen one that
explains what I should do when suddenly tons of information came at me right after clicking
build\_site\(\) button, using Academic theme. I would like to share my experience on how I
found my way to modify relevant files and folders, to make the site look like what I want. I will add
materials when I have learnt some new tricks!
```

```
Readings

To get started, I have followed Alison Presmanes Hill's tutorial. She is a co-author of the
Academic theme, which is built with R Markdown, knitr, and i18n support and other tools. You
```

```
index.md
```

```
---
```

```
%YAML 1.2
---
```

```
YAML: YAML Ain't Markup Language
```

```
What It Is: YAML is a human friendly data serialization
standard for all programming languages.
```

```
+++
```

```
title = "Overwhelmed by Hugo academic theme: a beginner's guide"
subtitle = "Experience of using R blogdown to build my webpage"

date = 2019-03-19T00:00:00
draft = false

authors = ["Chi Zhang"]

summary = ""

...
```

```
15 I feel like writing down and summarize my very own experience of creating a blog using R
blogdown created by Yihui Xie. I already got the page started in December 2018 and I
thought and have decided to share my experience at my local Oslo userR!
Group (https://www.meetup.com/Oslo-userR-Group/), however I have been busy, either traveling
or working on my project. Now it is the time that I commit myself this Sunday afternoon to
start!
```

```
16
17 #### Why am I writing this post?
18
19 Yes, there are already many posts on how to get you started
that explains what I should do when suddenly tons of information
comes at me right after clicking 'build\_site\(\)' button, using \(Academic\)(https://)
I would like to share my experience on how I found my way to
folders, to make the site look like what I want. I will add
some new tricks!
```

```
Untitled — Edited
```

REMEMBER THE YMAL HEADER!

- TITLE
- DATE
- AUTHOR
- CATEGORY, TAG, ...
- DRAFT

Use your favourite markdown editor (such as typora)

## OTHERS

- Math formula: (in config.toml)

```
# Enable global LaTeX math rendering?  
# If false, you can enable it locally on a per page basis.  
math = true
```

- Draft post (rendered in local preview)

```
+++  
title = "Overwhelmed by Hugo academic theme: a beginner's guide"  
subtitle = "Experience of using R blogdown to build my webpage"  
  
date = 2019-03-10T00:00:00  
draft = false  
  
authors = ["Chi Zhang"]  
  
summary = ""  
|  
+++
```

- Add image: go to /static/img/ folder, then reference in blogpost using ![pic](img/pic.jpg)



I'm gonna have to try?

# DEPLOYMENT

Remember to commit and push to Github!

The screenshot shows the Netlify homepage with a teal gradient background featuring abstract shapes and a person working on a laptop. At the top, there's a navigation bar with links for Features, Pricing, Docs, Blog, and a search icon. On the right side of the header are Log in and Sign up buttons.

**Build, deploy, and manage modern web projects**

An all-in-one workflow that combines global deployment, continuous integration, and automatic HTTPS. And that's just the beginning.

[Get started for free](#)

**Deploy your site in seconds\***

**① Connect your repository**

Three buttons for connecting to GitHub, GitLab, or Bitbucket. The GitHub button is highlighted with a red rounded rectangle.

**② Add your build settings**

Configuration options for the build process:

- Branch: master
- Command: yarn build
- Directory: public

**③ Deploy your website**

A log of the deployment process:

- 2:30:40 PM git clone git@github.com:...
- 2:30:40 PM Preparing Git...
- 2:30:40 PM Starting to do...
- 2:30:40 PM Starting post...
- 2:30:41 PM Post processing...
- 2:30:41 PM Site is live

\*Nope, no gotcha here.  
It just takes a few clicks.

[Get started for free](#)

# DEPLOYMENT

The screenshot shows the Netlify dashboard interface. At the top, there's a modal window titled "Authorize Netlify Auth" with icons for GitHub and Bitbucket, and a green checkmark. Below it, the main dashboard has a dark header with "All teams" and a search bar. A teal button on the right says "New site from Git". The main content area is titled "Create a new site" with the sub-instruction "From zero to hero, three easy steps to get your site on Netlify." It shows three steps: 1. Connect to Git provider (GitHub selected), 2. Pick a repository, 3. Build options, and deploy. A "Continuous Deployment" section allows choosing between GitHub, GitLab, or Bitbucket. To the right, a modal for "Install Netlify" is open, showing "Install on your personal account andreaczhang-demo". It offers two options: "All repositories" (radio button) and "Only select repositories" (radio button, selected). Under "Only select repositories", a dropdown menu says "Select repositories" and shows one item: "Selected 1 repository andreaczhang-demo/bd-demo".

Authorize Netlify Auth

Netlify Auth by netlify

All teams ▾

Search site

New site from Git

Create a new site

From zero to hero, three easy steps to get your site on Netlify.

1. Connect to Git provider    2. Pick a repository    3. Build options, and deploy

Continuous Deployment

Choose the Git provider where your site's source code is hosted. When you push to run your build tool of choice on our servers and deploy the result.

GitHub     GitLab     Bitbucket

Install Netlify

Install on your personal account andreaczhang-demo

All repositories  
This applies to all current and future repositories.

Only select repositories

Select repositories ▾

Selected 1 repository

andreaczhang-demo/bd-demo

# DEPLOYMENT

## Create a new site

From zero to hero, three easy steps to get your site on Netlify.

1. Connect to Git provider    2. Pick a repository    3. Build options, and deploy!

### Continuous Deployment: GitHub

Choose the repository you want to link to your site on Netlify. We'll automatically detect your build tool of choice on our servers and deploy the results to your domain.

 andreaczhang-demo 

Search repos

 bd-demo

## Create a new site

From zero to hero, three easy steps to get your site on Netlify.

1. Connect to Git provider    2. Pick a repository    3. Build options, and deploy!

### Deploy settings for andreaczhang-demo/bd-demo

Get more control over how Netlify builds and deploys your site with these settings.

Branch to deploy

#### Basic build settings

If you're using a static site generator or build tool, we'll need these settings to build your site.

Build command

Publish directory

Show advanced

**Deploy site**

# SUBDOMAIN

Random subdomain name: \*.netlify.com

The screenshot shows the Netlify dashboard for a site named "upbeat-wing-a719f5". A red box highlights the site name in the header and the site name in the main card. Another red box highlights the "Site deploy in progress" status message.

Overview Deploys Functions Identity Forms Split Testing Settings

upbeat-wing-a719f5

\* Site deploy in progress

Deploys from GitHub. Created at 4:54 PM.

Site settings Domain settings

Getting started

- 1 Deploying your site Netlify's robots are busy building and deploying your site to our CDN.
- 2 Set up a custom domain Buy a new domain or setup a domain you already own.
- 3 Secure your site with HTTPS Your site is secured automatically with a Let's Encrypt certificate.

**\*.RBIND.IO**

<https://support.rbind.io/about/>

The screenshot shows a GitHub repository page for 'rbind / support'. The top navigation bar includes 'Watch 10', 'Star 28', and 'Fork 22'. The main area displays an issue titled 'Domain Request' (issue #368). The issue body contains a template for subdomain requests, with specific fields highlighted:

- Title:** example.netlify.com
- Preferred rbind.io subdomain:** example.rbind.io

A red box highlights the 'Preferred rbind.io subdomain' field. Below the template, there is an 'Agreement' section with a checkbox for promising to write a blog post or web page after getting the subdomain.

At the bottom, there is a note about Markdown styling and a green 'Submit new issue' button.

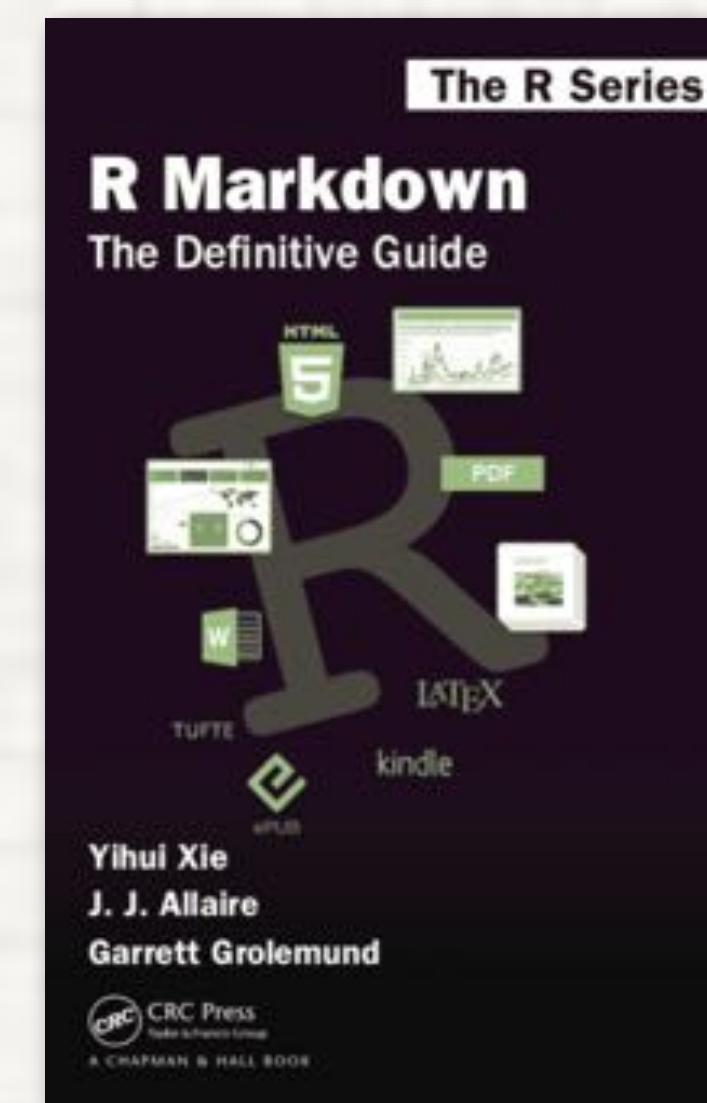
GitHub  
Create repo

RStudio  
New project

blogdown  
new\_site()  
Hugo theme

Modify,  
Delete,  
Create!

Netlify  
GitHub  
Deploy



## Medium related

Towards Data Science <https://towardsdatascience.com>

Type math <https://medium.com/@tylerneylon/how-to-write-mathematics-on-medium-f89aa45c42a0>

Many awesome blogdown websites <https://awesome-blogdown.com>

Julia Silge's blog <https://juliasilge.com>

Rob Tibshirani's webpage <http://statweb.stanford.edu/~tibs/index.html>

## Beginner tutorials blogdown

Alison Presmanes Hill <https://alison.rbind.io>

Danielle Navarro's blog <https://djnavarro.net/post/2018-04-27-starting-blogdown/>

## More advanced blogdown material

Alison Hill's spoonful series <https://alison.rbind.io>

Archetype [http://lcolladotor.github.io/2018/03/08/blogdown-archetype-template/#.XG\\_tbC2ZPNY](http://lcolladotor.github.io/2018/03/08/blogdown-archetype-template/#.XG_tbC2ZPNY)

## Markdown editor

Typora <https://typora.io>