```r
library(dplyr)

rladies_global %>%
  filter(city == 'Berlin')
```

# #x Hands-on Creating a blog with blogdown

# Hello!

I am Christin :)

R is my daily adventure!

I am working as a Bioinformatics Scientist at Evotec, Toulouse (France).

You find me on Twitter: @ChristinZasada

# Have a glimpse!

Personal profile:
https://chriszasa.github.io

## Biography

Christin Zasada ... and a little intro ...

**Christin Zasada**

Researcher with a predelication for data vizualisation, cuisine and knots

BIMSB at Max-Delbrueck-Center

**Interests**
- Data visualization
- Metabolic reprogramming
- Computational tool development

**Education**
- Dr. rer. nat. in Biophysics, 2017
  Humboldt University, Berlin
- Dipl-Ing. in Biosystems Engineering, 2011
  OvG University Magdeburg

My little side project:
https://crispy-disco.netlify.com/

**R-LADIES EXPLORE DEAR DATA**

Although our daily job is mostly about the digital way of data visualisation, this project is dedicated to the analogue way of presenting data based on our own daily routines beyond the possibilities of a certain package.

Everone is welcome to join us on our journey through the world of postcards, pencils and creativity.

Bea & Christin

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**GETTING STARTED**

A short guide how to collect your data and create your post card.

**#1 - HOW OFTEN DO I CHECK THE TIME?**

Data tracking: 4th - 10th Dec Final submission: 17th Dec

**THE ORIGINAL: DEAR DATA**

The postcard diary of Georgia and Stefanie.

©2017 Bea and Chrissy, R-Ladies global | Template by Bootstrapious.com & ported to

KASHAN KAVIR_MESR TEHRAN WELCOME

**MOSAAFERAT IRANI**

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CATEGORY: WELCOME

March 15

## WILLKOMMEN - WELCOME

... und sei herzlich eingeladen mich auf meiner ersten Reise (persisch: mosaaferat) in den Iran zu begleiten.

... and feel warmly invited to follow me on my first trip (persian: mosaaferat) to Iran.

READ THE POST

**MOSAAFERAT IRANI**

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Travel blog:
https://mosaaferat2018.netlify.com/

# Content of my presentation

- Why to start writing your own blog
- blogdown
- Templates: Huge & jekyll
- Publish your blog: Github & Netifly implementation
- Requiered preparations & tools
- Step-by-step tutorial

**https://bit.ly/2Qq3HyS**

# My resources!

- Blogdown – creating websites with R markdown

- Up and running

- Making a website using blogdown, Hugo, and Githubpages

https://aurora-mareviv.github.io/talesofr/2018/02/r-blogdown-setup-in-github-2/

Alison Presmanes Hill
@apreshill

Claudia Vitolo
@clavitolo

# Reasons why to start your own blog

- Improve  your communications skills (explain complex topics in simple terms to wide audience).

- Allows you to showcase your skills and to get noticed!

- Create new contacts, network!

- Time saver - easier for you to share your knowledge with others and yourself

Claudia Vitolo (@vitolo)
Rachel Thomson (@math_rachel)

# Where to start ...

- Make a list of blog posts, articles you like, highlight and summarise what you like

- Create summaries of conference talks or trainings / classes

- Write continousely

- Don't worry about your level – your particular background, style and knowledge level matters

- What would have helped you a week or a year ago

Claudia Vitolo (@vitolo)
Rachel Thomson (@math_rachel)

# How to create your blog

- **Static site (old-fashioned)**
  - Collection of pages in basic HTML
  - Possible to hand-write
  - Limitations in site management and repeated elements

- **Wordpress**
  - Content management system (CMS)
  - Theme collection
  - Management easier, but costs of flexibility, server

- **Static site generators (SSG)**
  - Jekyll, Hugo
  - Compromise between hard-coded and full CMS
  - HTML-only website using raw data and templates
  - Resulting build is transferred to a live server (e.g., Netlify)

# Pro and Cons: Jekyll vs. Hugo

### Jekyll

- Tons of great templates

- Easy GitHub interaction

- Rmarkdown is not supported

https://jekyllrb.com

### Hugo

- Few nice free templates

- GitHub interaction is a bit tricky

- Rmarkdown is supported

https://gohugo.io

# How to create blogs with bookdown

## Jekyll

1. Create a GitHub repo and clone it locally

2. Generate default blog, then apply theme (via R)

3. Make changes, commit and push to GitHub

## Hugo

1. Search for a nice theme and test responsivenes

2. Fork the theme on Github and make GitHub pages

3. Clone the repo, make changes, commit and push to GitHub

# Where to publish your blog

## GitHub Pages

Pros:

- Familiar interface
- Easy to setup
- Supports Jekyll
- Supports custom domains

Cons:

- Public code
- No support for HTTPS
- Limited plug-in support

## Netlify

Pros:

- Very single, single-button click
- Intuitive user interface, drag-n-drop
- Custom domains and DNS
- Supports HTTPS
- Pulling automatically updates from GitHub

Cons:

* Relatively new

# Blogdown with HUGO & Netlify

- Based on the workflow published by Alison Hill

- Procedure:
  - New repository GitHub
  - Clone your repository
  - Create a new project in RStudio
  - Build your site in Rstudio
    - Picking a theme
    - Update project options
    - Edit configurations
    - Posting
  - Deploy in Netlify