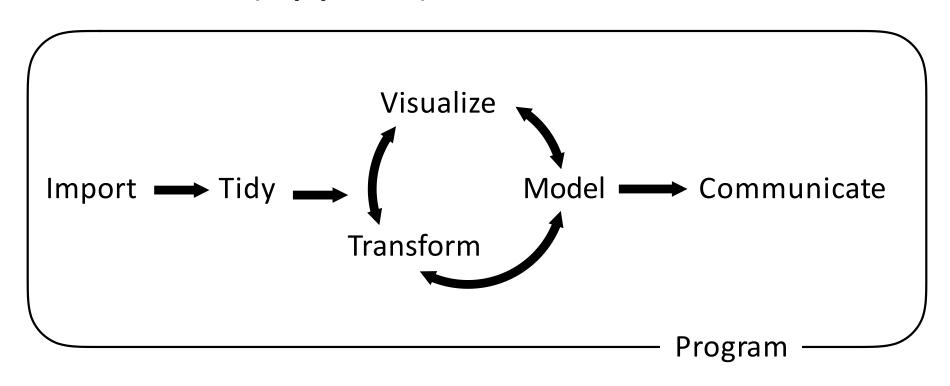
(Applied) Data Science



What's next?

R for Data Science

Table of contents

R for Data

Welcome

1 Introduction

Explore

2 Introduction

3 Data visualisation

4 Workflow: basics

5 Data transformation

6 Workflow: scripts

7 Exploratory Data Analysis

8 Workflow: projects

II Wrangle

9 Introduction

10 Tibbles

11 Data import

12 Tidy data

13 Relational data

14 Strings

15 Factors

16 Dates and times

III Program

17 Introduction

18 Pipes

19 Functions

20 Vectors

21 Iteration

IV Model

22 Introduction

23 Model basics

24 Model building

25 Many models

V Communicate

26 Introduction

27 R Markdown

28 Graphics for communication

29 R Markdown formats

30 R Markdown workflow

Review things we've covered

R for Data Science

Table of contents



Welcome

1 Introduction

I Explore

2 Introduction

3 Data visualisation

4 Workflow: basics

5 Data transformation

6 Workflow: scripts

7 Exploratory Data Analysis

8 Workflow: projects

II Wrangle 9 Introduction 10 Tibbles 11 Data import 12 Tidy data 13 Relational data 14 Strings 15 Factors 16 Dates and times

III Program 17 Introduction 18 Pipes 19 Functions 20 Vectors 21 Iteration IV Model 22 Introduction 23 Model basics

24 Model building

25 Many models

V Communicate 26 Introduction 27 R Markdown 28 Graphics for communication 29 R Markdown formats 30 R Markdown workflow

Generally

useful things

Practice, practice, practice...

R4DS learning community:

https://medium.com/@kierisi/r4ds-the-next-iteration-d51e0a1b0b82

Official word on how to learn:

https://www.tidyverse.org/learn/

Official word on how to get help:

https://www.tidyverse.org/help/

Other useful hydrology packages

fasstr: https://github.com/bcgov/fasstr

EGRET: https://github.com/USGS-R/EGRET

hydroTSM: https://CRAN.R-project.org/package=hydroTSM

Most important: Remember the R package ecosystem