Systematic Data Validation with R

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useR!2021





Materials: github.com/data-cleaning/useR2021_tutorial

Clone:

git clone https://github.com/data-cleaning/useR2021_tutorial

Or download:







This tutorial

Topics

- Intro to validate
- Expressing data checks
- Following data quality in scripts: lumberjack
- Managing data validation rules: validatetools

Form for each Topic

- 1. You start with hands-on scripts
- 2. Presentation: background
- 3. Extra assignment (if there is time)





Materials and references

Software



Journal of Statistical Software

Data validation infrastructure for R

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Abstract

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1. Introduction

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JSS 97(10) 1-33.

The Data Validation Cookbook

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2629-22-22 | validate version 1.6.1

Preface

This book is about checking data with the validate package for R.

This sension of the lock was rendered with "will little sension 1.8.1. The latest release

inexact generator ("reliable")

The purposes of this book include demonstrating the main tools and workflows of the 'uslidazz'.

Prerequisites

Readers of this book are expected to have some knowledge of R. to particular, you should know how to report data into M and some a little about author provided and code before and contract.

Citing this work

data-cleaning.github.io/validate

Theory

Wiley StatsRef: Statistics Reference Online

Data Validation

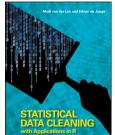
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Wiley StatsRef Online



Wiley (2018)





Assignment 1

code/01_intro_validate.R

- You will be assigned to breakout rooms
- Execute the code line by line.
 - Discuss what happens with your breakout partner(s)
 - Write down any questions you might have
- After the session, type your questions in the chat.



