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TUM

Self-Study R Course (SSRC)

Chapter 2: Data Analysis Basics

Instructions

	Instructions	Resource	Comments
1.	Briefly check out the exercise sheet for chapter 2 to get an impression of what you need to learn/know to solve it.		
2.	Watch the following YouTube Video.	Video: Import Packages and Load Data	
3.	Solve Task 1-4 of the exercise sheet.		Download and open the R -Script template that is provided on the SSRC website to insert your solutions in RStudio.
4.	Do the "Working with Tibbles" tutorial offered in the RStudio Cloud.	Tutorial: Working with Tibbles	The concept of a tibble is not important for you, but we recommend to do this tutorial anyway since it introduces the dataset you will work with in the subsequent tutorials.
5.	Solve Tasks 6 of the exercise sheet.		
6.	Do the "Isolating data with dplyr" tutorial offered in the RStudio Cloud.	Tutorial: Isolating data with dplyr	
7.	Solve Tasks 7-10 of the exercise sheet.		
8.	Do the first four subchapters of the "Deriving Information with dplyr" tutorial offered in the RStudio Cloud.	Tutorial: Deriving Information with dplyr	
9.	Solve Tasks 11-12 of the exercise sheet.		
10.	Compare your solutions to the sample solution provided at the SSRC website.	SSRC_C2_exercise_solution.html	

Additional Resources:

Cheat Sheet: Data Transformation with dplyr -> Nice overview on how to transform data with dplyr