

STAT346: Statistical Data Science I

HW#5 – Due: December 9, 2020 by 6 p.m.

November 27, 2020

Instruction: Answer to the following questions and write your report using R Markdown. You should submit two files, through KU Black Board system (<https://kulms.korea.ac.kr>), which should have the following naming format:

- `stat346_hw5_your_id.rmd`
 - `stat346_hw5_your_id.pdf` or `stat346_hw5_your_id.docx`
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1. Complete all lessons and exercises in the <https://regexone.com> online interactive tutorial. (You don't need to submit any report for this problem.)
2. The problem set for #2 were copied from the website of Hadley Wickham's textbook, **R for Data Science (R4DS)**. Please read Chapter 14 of R4DS:

<https://r4ds.had.co.nz/strings.html>

and answer the following selected questions.

- (a) 14.3.1.1 Exercises
 - (b) 14.3.3.1 Exercises
 - (c) 14.3.4.1 Exercises: #1–2
 - (d) 14.4.1.1 Exercises
3. Introduction to Data Science – Exercise 26.4: #1-8 (link).