

# BSDS 100: Intro to Data Science with R

## Assignment 4

Due 3/29 at 11:59pm

**Directions:** Write a single R markdown (.Rmd ) file that answers each of these questions and produces a knitted .pdf which holds your responses. Make sure that all code can be successfully run on any computer. Put your name and date at the top of the document. For all questions that require written responses, write the answer (numbered appropriately) in markdown, not as a comment in the code. Turn in the .Rmd file and .pdf file on Canvas. Late assignments are not accepted.

**Playlists:** Here is a playlist from me to help you get started on the assignment:

Funky Mix: <https://open.spotify.com/playlist/4UkAuTqQvKk6irTtwGCOD7?si=351e26bef46842b9>

For this assignment:

1. Read Sections 3.1 through 3.5 in the R for Data Science text on Data Visualization here:  
<http://r4ds.had.co.nz/data-visualisation.html>
2. Answer the questions posed as exercises in these Sections, including:
  - Section 3.2.4 numbers 1 - 5
  - Section 3.3.1 numbers 1 - 6
  - Section 3.5.1 numbers 1 - 6
3. Read Sections 3.6, 3.8, 3.9, and 3.10 in the R for Data Science text on Data Visualization.
4. Answer the questions posed as exercises in these Sections, including:
  - Section 3.6.1 numbers 1 - 6
  - Section 3.8.1 numbers 1 - 4
  - Section 3.9.1 numbers 1 - 4