

# Individual ADM second challenge: The Spotlight

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## Due dates:

- First version: Wednesday April 20th-6pm.
- Final version: Monday May 9th-noon.
- Presentations: 10 min during class in May 10th-17th.

## Instructions

In your second challenge each student will be creating a *spotlight presentation* (a short 10 minute talk) with a topic of their choice that will allow them to explore a particular topic of statistical machine learning or will give them a chance to use statistical machine learning to solve a problem from another domain.

This project will be individual and should meet the following criteria:

- The materials for your presentation will be a knitted markdown document in PDF format. Your materials should not exceed 10 pages (including code and graphics)
- Your markdown document should contain graphs and R code used to illustrate the problem or concept that you will be talking about.
- If your topic is to showcase and/or explain a technique from machine learning, make sure it has not been covered in class.
- If your topic is an application of machine learning to another domain, make sure to provide a background on the topic and highlight how to interpret the created model in the original setting.
- You can use code that you find in the internet but make sure to use proper attribution. Make sure to use your own words to describe your topic.