Individual assignment #1 – Fun with the Academy Awards
INFO 6540 – Data Management (Winter 2021)
20% of final grade

Objective

- Get comfortable with Excel
- Get started with GitHub (optional).

Instructions

Download the following repository: https://github.com/pmongeon/INFO6540-academy-awards. The **OscarsData.txt** is a publicly available dataset of of Academy Award winners. load the data into Excel, and save the file as an Excel workbook. Then, use Excel to provide the answer to the following questions:

1. Find which actors have more than one Academy Award in the categories: Academy Award for Best Actress and Academy Award for Best Actor, and how many they have.

2. For each year, calculate the number of male and female winners in total (all categories).

3. Calculate how many female and male winners there are overall.

4. Find which directors have more than one Academy Award in the category: Academy Award for Best Director, and how many they have.

5. Find how many female directors won an Academy Award in the category: Academy Award for Best Director.

6. Find which movie won the most Academy Awards (all categories included). If there is a tie, list the titles of the movies in alphabetical order.

7. Make a list with movies that have been awarded only one Academy Award.

Important note

for **each question**, create a new sheet in the Excel file to store the tables that you have contruscted to obtain the answer.

To deposit on Brightspace by January 29th, 2021 at 11:59 pm Atlantic time.

- Your Excel file.

- A document (Word or PDF) containing, for each question, your answer and a very short

    description of your process.

Grade calculation

- The correct answer to every question is provided (5 points)
- One sheet for each question with the appropriate table (5 points)
- The process is described for each question (10 points)

Practice the GitHub workflow (optional)

This assignment is a good opportunity to get some practice with the GitHub workflow by following these steps:

1. Create a new repository in your GitHub account.
2. Because this is an individual assignment, please make sure to set the visibility of your repository as **private**.
3. Upload your Excel file to your repository.
4. For each question:
   a. create a new branch.
   b. Perform the operations required to answer the question, and create a new sheet with the table used to answer the question.
   c. Commit your changes.
   d. Create a pull request and indicate in the comment the answer to the question, the name of the sheet where the info is found, and a short description of your process.
   e. Accept the pull request to merge the branch into the main branch of your repository.

There is no deliverable for this optional part of the assignment.