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Assignment 0: Sharpie Instructions

Over the past week, I collected data related to how many times I tied my hair up:

Day	Count
1/18 (Thursday)	5
1/19 (Friday)	1
1/20 (Saturday)	8
1/21 (Sunday)	4
1/22 (Monday)	1
1/23 (Tuesday)	3
1/24 (Wednesday)	2

I chose to visualize the data in the form of a calendar, shading days according to the number of times I tied my hair up. Follow my instructions below to reproduce my visualization:

Note: It may be helpful to open up the Calendar application in your MacBook or look at a regular calendar layout for a specific month.

1. Name the heading for your visualization according to the current month and current year (i.e. January 2018).
2. Label each column according to the days of the week.
    a. Start with "Sunday" on the left end and end with "Saturday" on the right end.
3. Draw squares representing each day of the week, starting with the day that falls on the first of the month and ending at the day the month ends.
    a. If we think of January 2018 as our use case, we should start drawing our first square at Monday, since the 1st of January falls on that day. We continue drawing squares spanning all days of the week for the month until we end at January 31st, which falls on a Wednesday.
    b. Optional: Label the squares according to the date.
4. Look at the collected data and examine the following key:

Key	
Shade	**Frequency**
	0 times
	1 – 3 times
	4 – 6 times
	7 – 9 times
	10 or more times

5. Shade each square according to the key above, keeping in mind the data point you are considering.
    a. If we looking at our first data point, we would look at the square that falls on Thursday, 1/18. Since I tied my hair up 5 times on that day, I would shade the square a medium gray to represent the frequency that I tied my hair up between 4 to 6 times.
6. Voila! You are done with the visualization! ☺

January 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	☐	☐	☐	☐	☐	☐
☐	☐	☐	☐	☐	☐	☐
☐	☐	☐	☐	▨	▨	■
▨	▨	▨	▨	☐	☐	☐
☐	☐	☐	☐			

Data Collected —

1/18 → 5   1/21 → 4   1/24 → 2

1/19 → 1   1/22 → 1

1/20 → 8   1/23 → 3

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How many times does Navie tie her hair up in a day?

Key

☐ 0 times

▨ 1-3 times

▨ 4-6 times

■ 7-9 times

■ 10+ times