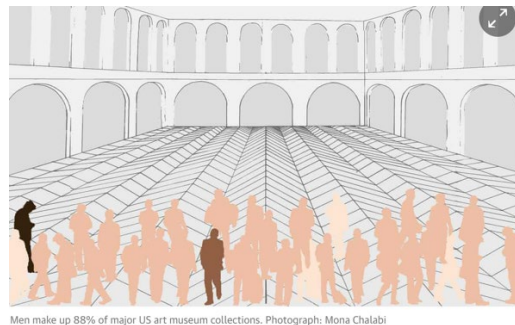
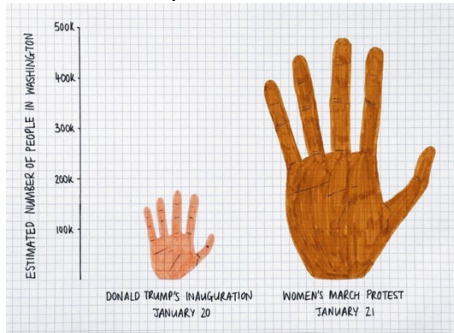


Template for QM SPACE related assignment with the 2020-2021 theme of **space s**.

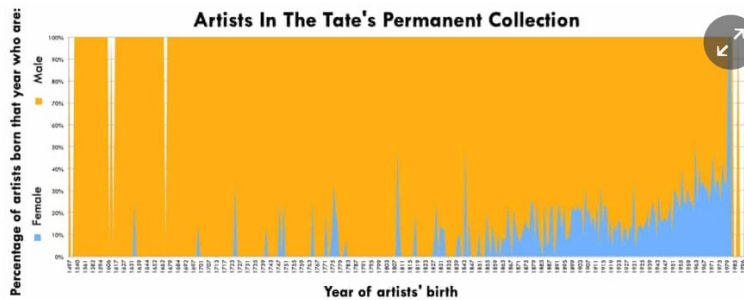
In QM we learn the value of visualizing data, and we can generate amazing charts, graphs and tables using Excel. By this time in the term, you will have already been introduced to this and produced a few of your own. Well done!

Data journalist Mona Chalabi, however, suggests that such exact visualization of data might numb our brain to uncertainty and reduce our ability to judge the validity of the data presented.

Instead, she prefers hand-drawn visual data. Here are examples of her work:



And here she takes a standard format of data and transforms it into a work of art:



▲ A chart of all the artists in the Tate's permanent collection. The upward-sloping blue line shows the emergence of women in the collection. Illustration: Mona Chalabi



▲ A painting about the Tate's paintings. Photograph: Mona Chalabi



And it's not just Mona Chalabi. Others have done this as well—check it out here:

<https://www.wired.com/2017/02/nerdy-charm-artisanal-hand-drawn-infographics/>

{The artwork from Mona Chalabi is related to her research concerning how much **space** women artists occupy in major public museums. Read about it here:

<https://www.theguardian.com/news/datablog/2019/may/21/museum-art-collections-study-very-male-very-white>}

Please, watch the TED Talk by Mona Chalabi, *3 Ways to spot a bad statistic*.

https://www.ted.com/talks/mona_chalabi_3_ways_to_spot_a_bad_statistic?language=en

Finished? Good. Now open a Word document and **complete the following assignment**:

1. Please, think of something that interests you related to the use of public or private space—or the transformed use of space during COVID-19. Brainstorm for a few minutes. Search the internet for data on such things as soccer, pets, concerts, restaurants, dating, Zoom meetings, bicycling, city parks, photography, baking, families, parties, religious traditions or yoga sessions. You decide! What matters to you when thinking of the **space s** around you?
2. Then create a traditional Excel visualization of that data **or** copy the chart, graph or table that you found and paste it on the top half of the page.
3. Using the three ways to spot a bad statistic Mona Chalabit suggested, evaluate the data you have found. Writing (typing) directly below the image tell us in 3-4 sentences why we should trust this data. Perhaps you could comment on the strengths or limits of the data presented in the visual. Any factors left out? Questions left unanswered?
4. Print out the one page with steps 2 and 3. You should have roughly half a page left remaining that is blank.
5. Next, how do you relate to this data personally? How could you re-imagine the data to make it more personal, less rigid. (*Think of how Chalabi presented the cold season with images of runny noses in the Ted Talk or how she used the two sizes of hands in the chart above.*) Then draw the-imagined data in the space remaining. Don't worry if you think you can't draw! There are many different ways to personalize and present the data—be creative.
6. Submit the assignment to your teacher, who will then pass along your work to SPACE. We want to celebrate your efforts by posting your work on our website.

Thanks ever so much for your efforts in this SPACE related project!