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Prof. Naiman
IS445
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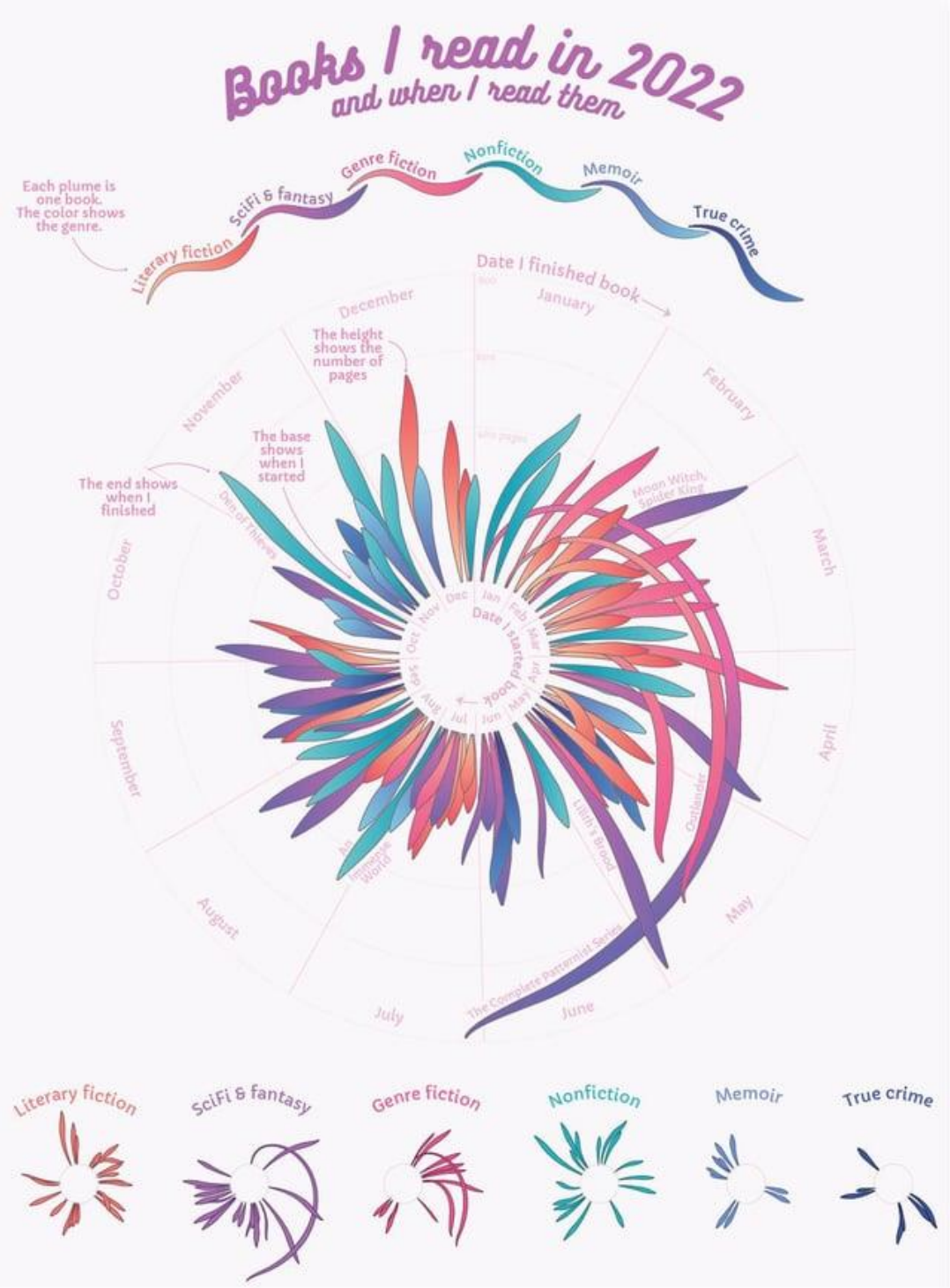
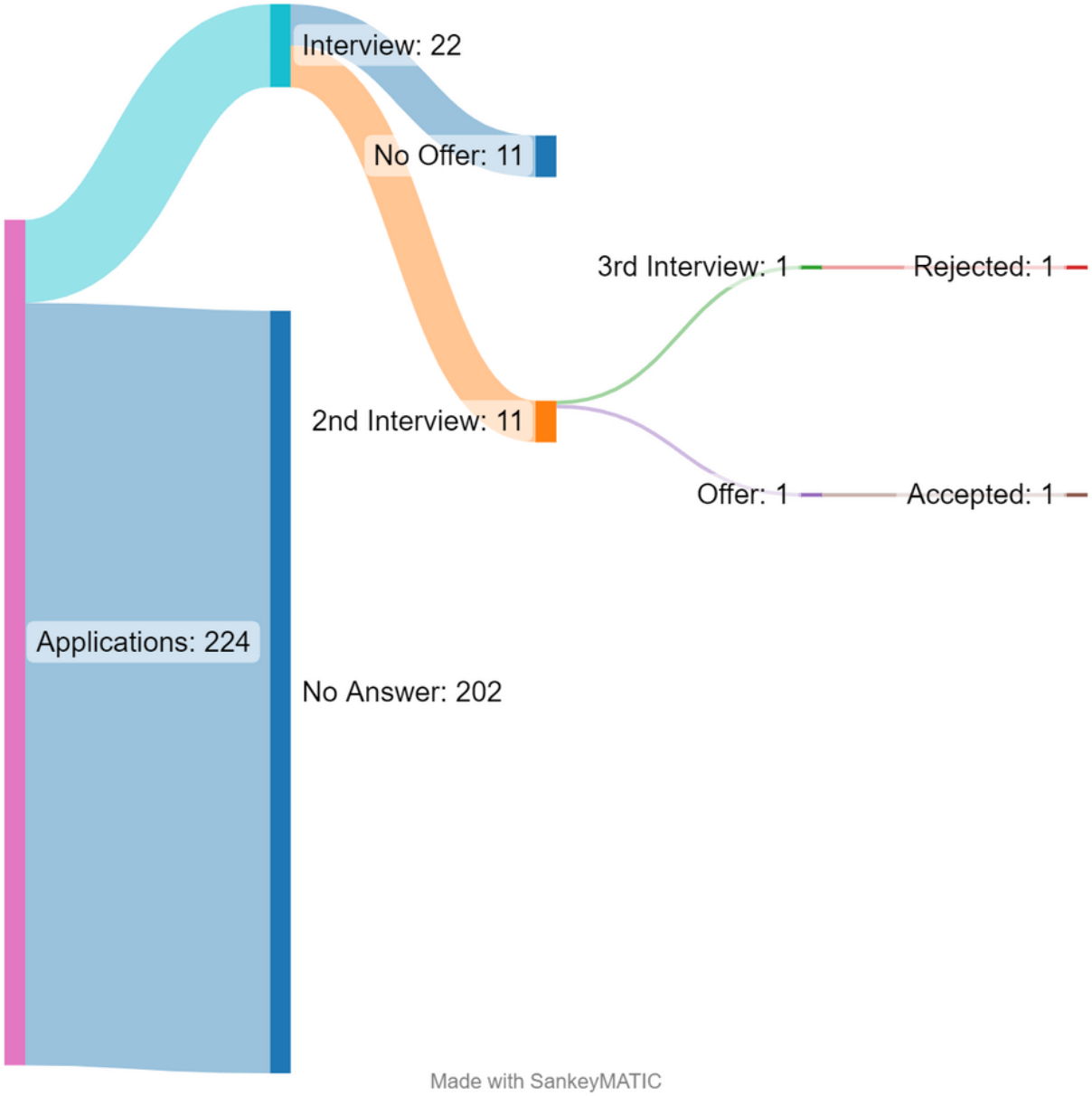
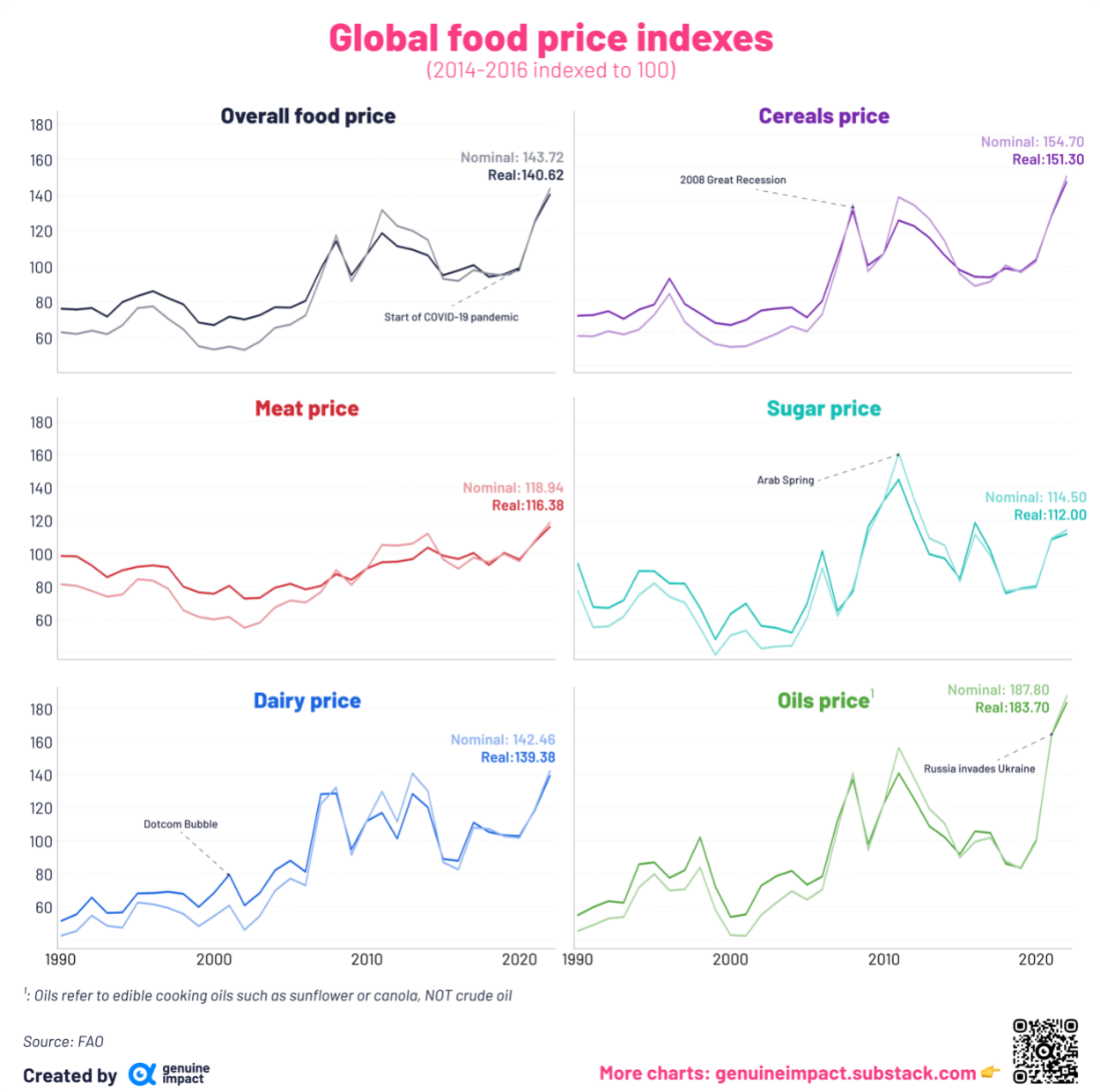
HW #1 – Written Assignment



The data visualization above came from the reddit page r/dataisbeautiful, in which users post popular, interesting visualizations that usually relate to pop culture. The visualization is very pretty, and at first, I was a little overwhelmed with the details. The creator of the visualization used their own data that they tracked throughout the course of a year of reading books. They included both qualitative and quantitative data, including genre, date read, length of book, and time spent reading the book. Not exactly sure the process of tracking the data, but I assume the creator just tracked the books they read in a journal or excel sheet. Update on method: The user notes, "I analyzed data pulled from my Kindle to make the visual. Analysis and chart done in R. I used illustrator to add gradients to the "plumes" and lay out the final viz. I read 94 books last year, roughly split between fiction and nonfiction. More details about my 2022 reading here. At the bottom of this post I documented how I grab data from my Kindle".
Source: https://www.reddit.com/r/dataisbeautiful/comments/10jbz3g/books_i_read_in_2022_oc/



The data visualization above also came from the reddit page r/dataisbeautiful. The original poster tracked their application process applying for engineering roles. I find these flow chart type visualizations to be very aesthetically pleasing. They are also very simple and sweet to understand. The data is quantitative, as the original poster tracks the number of times he has applied to each position. He then builds off that to show the extremely low rate in which these positions are accepted, not answered, and the rate at which he received an interview. Similarly to the first visualization, the data collected for this visualization was self-collected by the original poster, so they must have tracked the data using a similar method of note taking or using an excel sheet. Update from original poster: "VISUALIZATION: Made using the flowchart maker SankeyMATIC, customized and edited with Adobe Illustrator.
DATA: I kept a spreadsheet of all my job applications since I started applying for full-time jobs in May."
Source:
https://www.reddit.com/r/dataisbeautiful/comments/x6txb6/my_3month_job_search_as_a_recent_graduate_trying/



This final visualization is a collection of 6 difference graphs that demonstrate the global price of each specified item. For reference, they add the global overall food price. The data came from the Food and Agricultural Organizations of the United Nations. The data is quantitative, as it demonstrates the increasing/decreasing prices of foods and oil overtime. According to the FAO, "The FAO Food Price Index (FFPI) is a measure of the monthly change in international prices of a basket of food commodities. It consists of the average of five commodity group price indices weighted by the average export shares of each of the groups over 2014-2016". Using this data, the individual used Figma and Tableau to visualize the line graphs.

Note from original poster:
"Source: FAO
Newsletter

Tools: Figma, Tableau”
Sources:
https://www.reddit.com/r/dataisbeautiful/comments/10j8qn1/oc_global_food_price_indexes_since_1990/
https://www.fao.org/worldfoodsituation/foodpricesindex/en/