MY DATA STORY:

During Covid, I became more self aware of personal data generation and personal management. I recorded personal budget + spending transactions, investments transactions, time tracked myself and recorded my mood and behaviour to achieve personal goals in building good spending habits and mental state monitoring. I became interested in data available out there by government bodies and for profit organisations and find it fun to think about and prototype how these data can be of use to help people like myself, not to say understanding a truer picture of what the needs and ideas in the society. I heard about datakind.org through a friend and joined its data-dive event in October this year and enjoyed the mission to helping non-profit organizations understand and make use of their data aggregation effort.

1.BudgetApp https://www.rickyjessey.com/2021/09/app-development-post-1.html
----
I created my own budget web application to handle personal finance. For details see my blog and the links to github + video tutorial. Code is here: https://github.com/tortoiseJess/mainBudgetSite20
Especially I highlighted the usefulness of amortization as a means to "smooth out" the sporatic transaction data so we can analyse the long term effects of a big spending in a better perspective.
I also accumulated skills in
  Data-cleansing:
        -merge data from different user input
        -uniform data allows import export to a database
        -pandas: time series, aggregation, dates operation, visualisation: line , pie charts, html
formatting
        -by designing front end user input, understood a lot about data sources from user input
        -data consistency checking, validation
        -creation of demo / synthetic / test data for prove of concept
  Data analysis:
        -deciding what charts to use depending on goals
        -trend spotting
        -amortization chart
  Web:
        -chart visualization using charly, plotly javascript libraries
        -implementing different methods for user input. Eg form, csv import.
        -search, autocomplete
        -import export database know-hows

2.Internet data data-dive (datakind event!)

Interest in gis data exploration and understanding what area the internet data represents. I have developed some gis data skills including manipulating and overlaying data into maps + understanding what the ookla tiles represent, in the goal of merging it with other internet datasets.
github: https://github.com/tortoiseJess/datakind_oct2021
blog post: https://www.rickyjessey.com/2021/10/half-baked-projects-all-in-1-blog-draft.html

3.Geniune interest in different types of data

I have had exposure to different types of data including machine learning models of image data: floor plans, x-rays, receipt images and also did some projects in stock market data, timeseries data (see github/blog)