Week 4 task

Option 1

For this, please use the second option as a reference if you're wondering how to proceed and what type of questions to answer!

Base task: Find a CSV file with data you find exciting, and do some analysis on it - Read in data using the `csv` package, loop through it, find outliers, filter the data!

Extension: Using `pandas` and `matplotlib`, clean and visualise the data!

Option 2

Attached to the email, or under the link below, you'll find another CSV file about car listings in the UK for VolksWagen cars.

Base task: Using the `csv` package, read in the data from the `vw.csv` file, and turn them into a list of dicts or a list of namedtuples, similar to how we did things for the Amazon bestseller list during the lesson. Answer the following questions:

1. What is the most expensive VW car listed?
2. Find all the VW Golf models. What is their average price?
3. What is the average milage for VW Polo models registered in 2020?

Extension: Using `pandas` and `matplotlib`, create the following:

1. A pie chart showing the distribution between fuel types. (You can use the model column to count occurances!)
2. A bar chart showing the average mileage for each model. (You need to research hpow can you calculate average using pandas!)