# General Instructions

FuelWatch provides an RSS feed that can be used to lookup fuel prices for different products across the various WA regions. This is a free data feed and information on the data provided and the required input parameters can be found here:

<https://www.fuelwatch.wa.gov.au/tools/rss>

This feed should be used to extract the current prices for the major fuel product types for all WA regions. This should be done in an efficient manner using a Power query function. You should create one parameterized function that can pass required parameters to the feed for the various product and region combinations and retrieve results. This data needs to be consolidated into a single table.

Also import the information contained in the file titled “Regions.csv” that is contained in the code repository.

At a minimum, you are required to create the visual elements shown in the following figure:

A picture containing graphical user interface

Description automatically generated

Selections made on any of the visuals should cross-filter the data in other visuals where possible.

# Further Direction and Hints

* The function to connect and retrieve to the Fuelwatch RSS feed has been provided. But requires a combination of input parameters to retrieve information.
* Some existing data and calculations are contained in the initial pbix file that can provide clues on required tables and column names in the final data model.
* Use the visuals as clues to additional columns / tables required.