Project 3

Title:	Environmentally Friendly Second-hand Cars

Description:
New Zealand has made a positive shift towards popularising electric vehicles (EV), through the clean car rebate for new EV purchases. However, buying a brand new car may not be for everyone. There are many EVs and plug-in hybrid EVs (PHEV) that can be bought second hand, which are still quite new, with relatively lower kilometres done. Most New Zealanders begin their second hand car search on TradeMe.

Manually searching TradeMe for PHEVs can be quite tedious for a couple of reasons. TradeMe lists all car manufacturers, however not all of them make PHEVs. As this is a newer technology the user may not be fully aware of all manufacturers of PHEVs. This RPA process aims to make this process a bit easier for the PHEV buyer as an initiative towards promoting clean cars.

Steps:
1. Go to https://www.trademe.co.nz/
2. Search all PHEV vehicles
3. Extract the following info from the advertisement page
   - Make
   - Model
   - Year
   - Mileage
   - Import history
   - Fuel economy

Data Extraction
Make a new excel template with column headings for the six data items for each vehicle and paste info extracted If any of the six items are missing, record as "unavailable" on template and keep going.

Reporting:
Create a PDF report that summarises record all the different PHEV models and their manufacturing year.

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