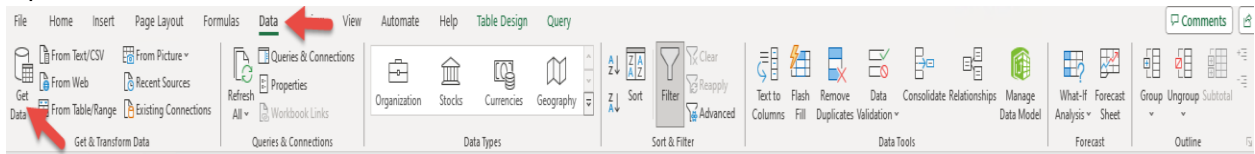


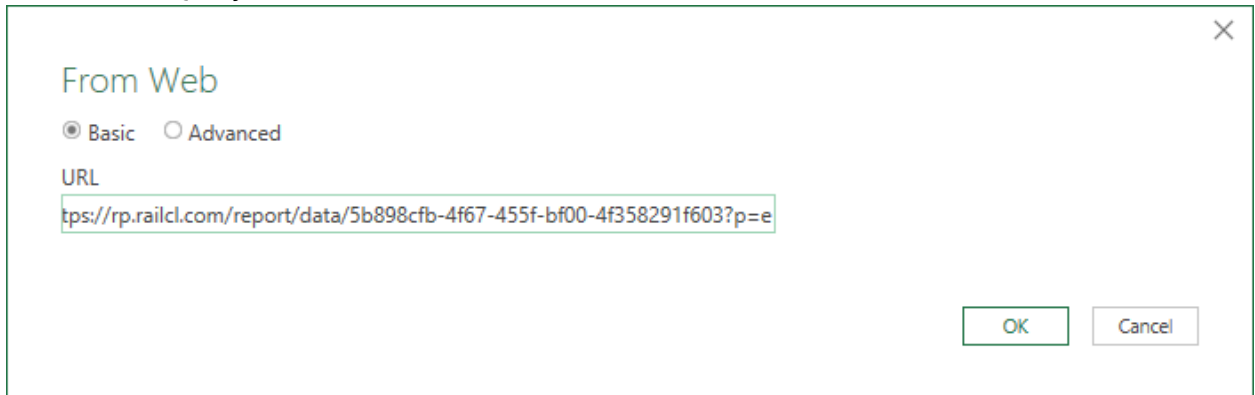
# WebQuery Document

(Assuming the WebQuery has been created in RP already)

- Open Excel -> Data Tab -> Get Data -> From Other Sources -> From Web



- Paste in WebQuery into the URL box. Click OK



- Open the arrow next to Namespace: click on row and then Transform Data

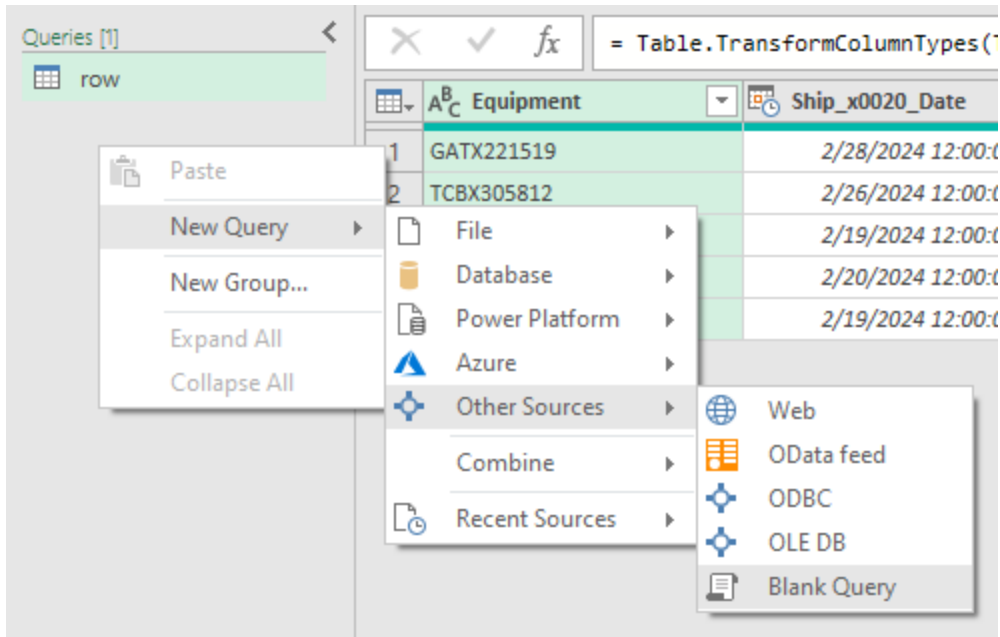
The screenshot shows the Power Query Navigator window. On the left, the 'Navigator' pane displays a tree view with the following items:

- https://rp.railcl.com/report/data/5b898cfb-4f6...
- http://www.w3.org/2001/XMLSchema-instance
- Namespace: [1]
- row (highlighted in green)

A red arrow points to the 'row' item. On the right, the 'row' preview shows a table of equipment data. Below the table is a scrollbar. At the bottom right, there are three buttons: 'Load', 'Transform Data', and 'Cancel'. A red arrow points to the 'Transform Data' button.

| Equipment  | Ship_x0020_Date       | Days_x0020_Not_x0020_Moved | ETA         |
|------------|-----------------------|----------------------------|-------------|
| ETHX100144 | 2/19/2024 12:00:00 AM | 5                          | 3/2/2024    |
| ETPX200125 | 2/19/2024 12:00:00 AM | 5                          | 3/2/2024    |
| GATX221519 | 2/28/2024 12:00:00 AM | 2                          | 3/7/2024    |
| SHQX071542 | 2/19/2024 12:00:00 AM | 12                         | 2/29/2024 1 |
| TCBX305812 | 2/26/2024 12:00:00 AM | 5                          | 3/5/2024 1  |
| TILX190700 | 2/20/2024 12:00:00 AM | 12                         | 2/29/2024 1 |
| UTLX209726 | 2/19/2024 12:00:00 AM | 12                         | 2/29/2024 1 |

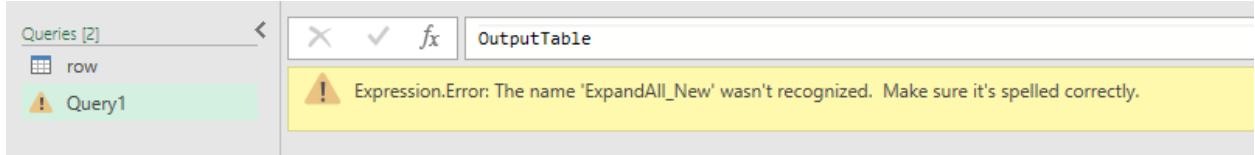
- The Power Query Editor opens on in a new window. Right click in the blank space under Row in the Queries section and click New Query -> Other Sources -> Blank Query



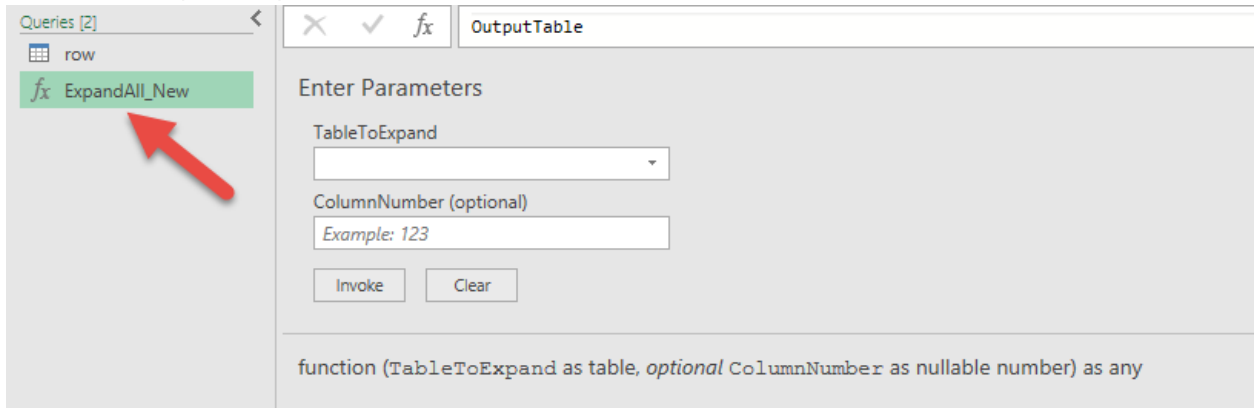
- In the fx bar at the top past in:  
 = (TableToExpand as table, optional ColumnNumber as number) =>  
 let  
 //If the column number is missing, make it 0  
 ActualColumnNumber = if (ColumnNumber=null) then 0 else ColumnNumber,  
 //Find the column name relating to the column number  
 ColumnName = Table.ColumnNames(TableToExpand){ActualColumnNumber},  
 //Get a list containing all of the values in the column  
 ColumnContents = Table.Column(TableToExpand, ColumnName),  
 CanExpandCurrentColumn = if List.First(ColumnContents) is table then true else false,  
 //If this column can be expanded, then expand it  
 ExpandedTable = if CanExpandCurrentColumn  
 then  
 Table.ExpandTableColumn(TableToExpand, ColumnName, {"Element:Text"}, {ColumnName})  
 else  
 TableToExpand,  
 //If the column has been expanded then keep the column number the same, otherwise add one  
 to it  
 NextColumnNumber = if CanExpandCurrentColumn then ActualColumnNumber else  
 ActualColumnNumber+1,  
 //If the column number is now greater than the number of columns in the table  
 //Then return the table as it is  
 //Else call the ExpandAll function recursively with the expanded table  
 OutputTable = if NextColumnNumber>(Table.ColumnCount(ExpandedTable)-1)  
 then  
 ExpandedTable  
 else

ExpandAll\_New(ExpandedTable, NextColumnNumber)  
in  
OutputTable

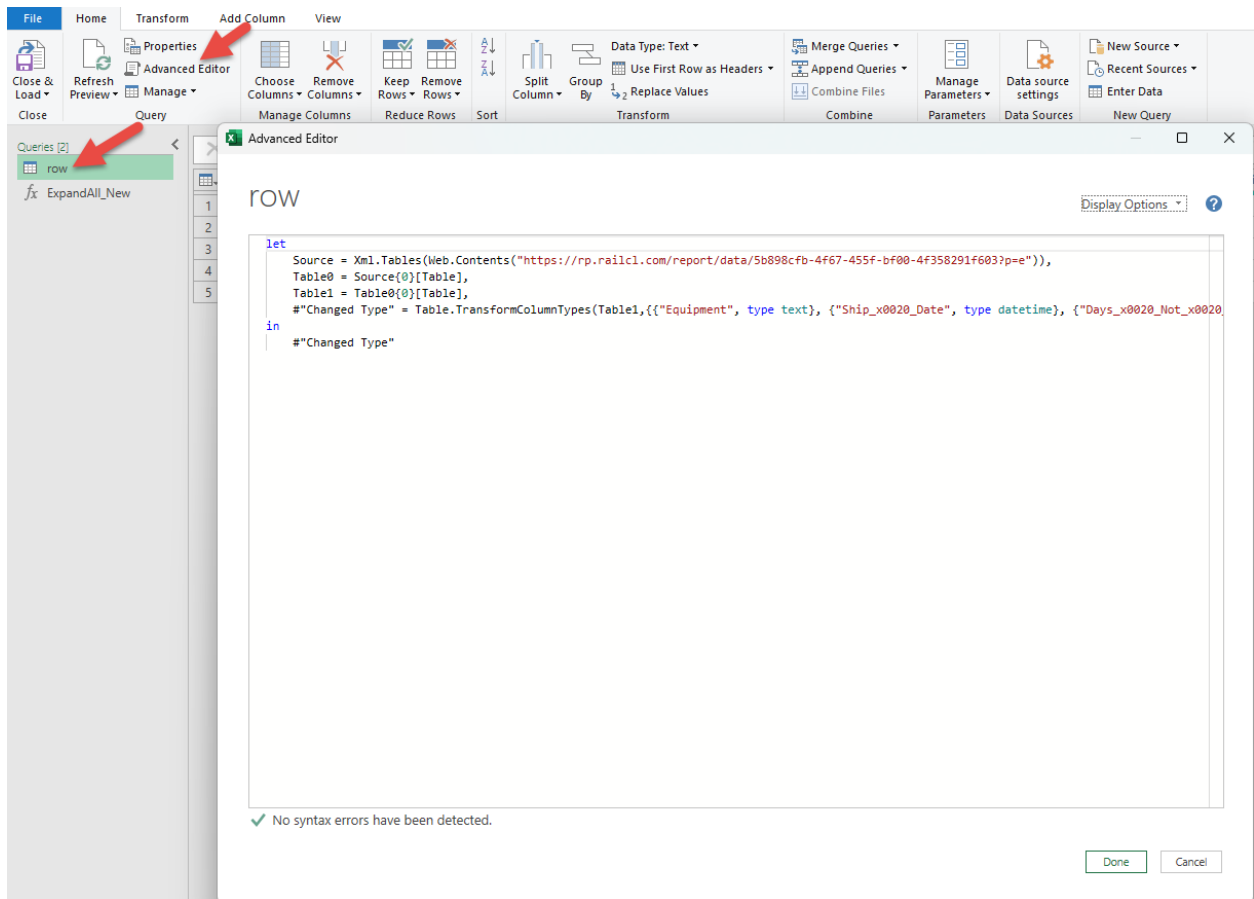
You should get this:



- Rename Query1 to ExpandAll\_New



- Click back on row and then click Advanced Editor



- Copy the #'Changed Type' line as you will need it in the next section.
  - Insert the below into the Advanced Editor: Replacing in and #"Changed Type"
- ```
let
    Output = ExpandAll_New(Table1),
    #"Changed Type" = CHANGED TYPE FROM ABOVE ADD A , AT THE END
    #"Eliminate _x0020_" = Table.TransformColumnNames( #"Changed Type", each
    Replacer.ReplaceText(, "_x0020_", " ")),
    #"Eliminate _x002F_" = Table.TransformColumnNames( #"Eliminate _x0020_", each
    Replacer.ReplaceText(, "_x002F_", " ")),
    #"Replace Element:Text" = Table.TransformColumnNames( #"Eliminate _x002F_", each
    Replacer.ReplaceText(, ".Element:Text", "")),
in
    #"Replace Element:Text"
```
- Click Done on the Advanced Editor

- Click Close & Load on the Power Query Editor

