

Meatrol Data Analysis Template Instructions

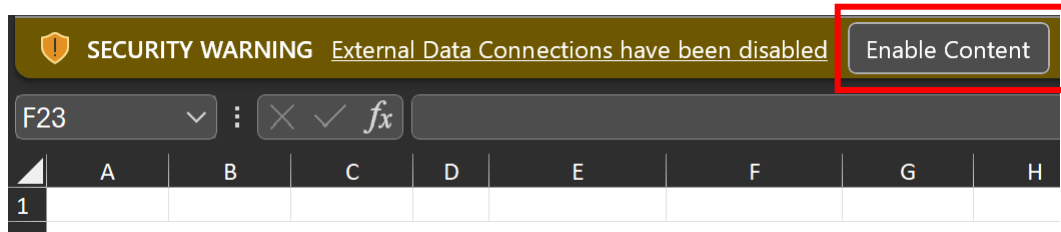
Prerequisites

- This template makes use of “Excel power query performance analyser”. This is an add on to Excel and is included by default in newer versions of Excel.
 - If you do not have it installed, you can download and install it using this link:
<https://www.microsoft.com/en-us/download/details.aspx?id=39379>
- It also requires at least the following version of Excel: **Excel 2016 (v16.0)**

How to use the Excel Meatrol data analysis template.

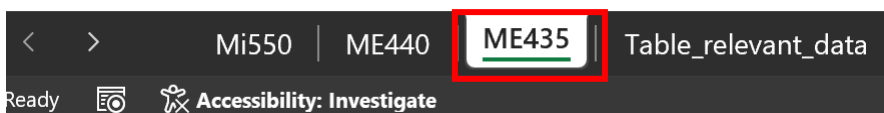
1. Open the data analysis template and enable the content

- 1.1. Open Meatrol_Data_Analysis_Template Excel File.
- 1.2. Click the “Enable content” button.

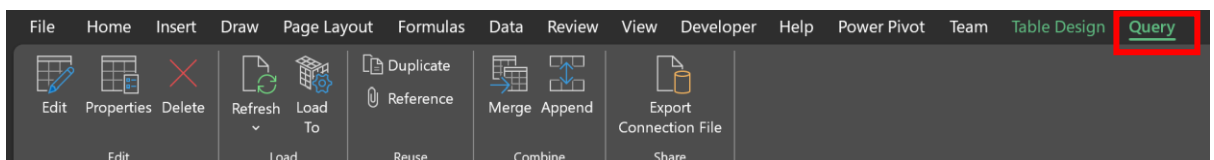


2. Import the data from your CSV file

- 2.1. Click on the relevant tab for your meter for example Mi550, ME440 or ME435



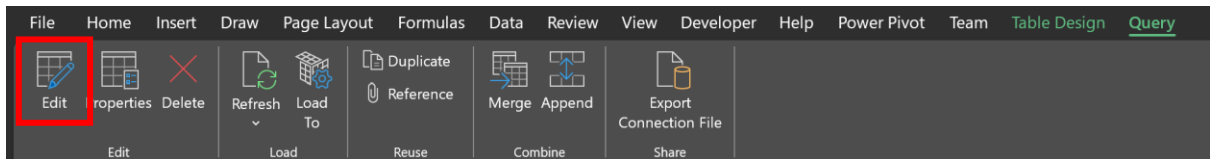
- 2.2. Click on “Query” on the top menu.



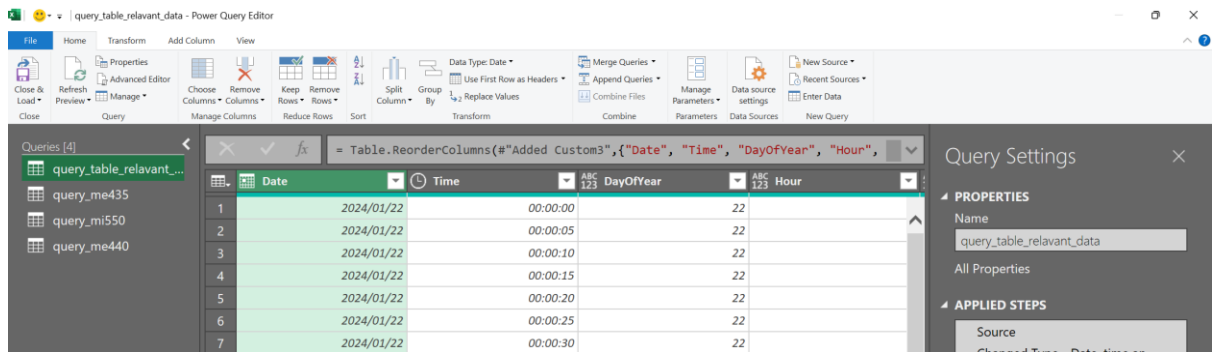
- 2.3. Click anywhere on the data table.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	
1	Date	Time	UA	UB	UC	UAvg	IA	IB	IC	IAvg	IN	FA	FB	FC	FA
2	2022/09/04	00:00:50	241.04	240.34	239.83	240.4	0	0.52	0	0.17	0.53	49.96	49.96	49.96	
3	2022/09/04	00:01:51	240.9	240.44	239.85	240.4	0.69	0.55	0	0.41	0.76	49.96	49.96	49.96	
4	2022/09/04	00:02:50	240.8	240.33	239.72	240.29	0.73	0.55	0	0.42	0.77	49.95	49.95	49.96	
5	2022/09/04	00:03:50	240.76	240.24	239.65	240.21	0.77	0.56	0	0.44	0.84	49.95	49.95	49.95	

2.4. Click the “Edit” button on the top menu.

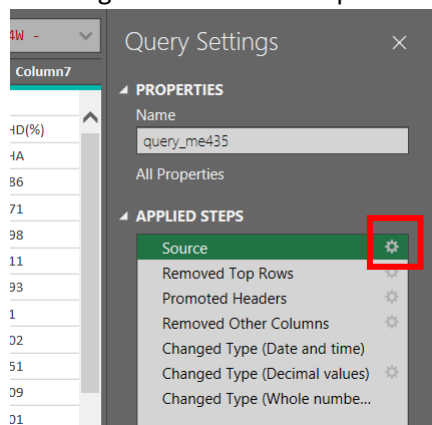


2.5. This will open up Microsoft – “Power Query Editor”.

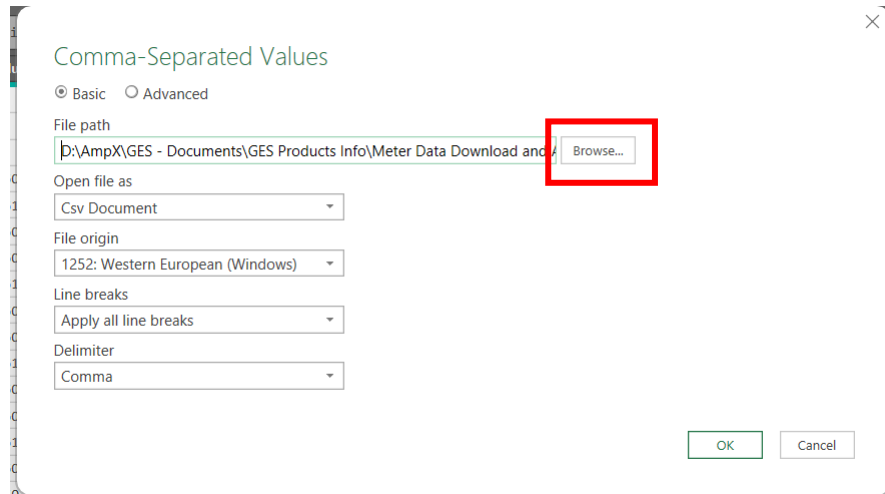


2.6. On the “Applied Steps” window on the right, click on the first step called “Source”.

2.7. Click on the gear icon on this step.



2.8. Click on the “Browse” button.



2.9. Browse to the CSV file you saved from the meter. Click on the “OK” button

2.10. Under the “Home” menu, click on the “Close & Load” button.

Scroll down for further instructions...

Setting the right source for the “Table_relvant_data” table

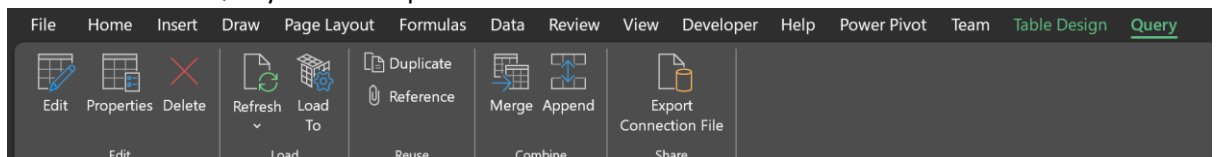
- 2.11. Click on the tab named “Table_relevant_data”. This table reference data from one of the other sheets, Mi550, ME440 or ME435.

16	2024/01/22 00:01:10	22	0	1 Night	0.00	9.2
17	2024/01/22 00:01:15	22	0	1 Night	0.00	9.1
18	2024/01/22 00:01:20	22	0	1 Night	0.00	9.1
19	2024/01/22 00:01:25	22	0	1 Night	0.00	9.1
20	2024/01/22 00:01:30	22	0	1 Night	0.00	9
21	2024/01/22 00:01:35	22	0	1 Night	0.00	9.0
22	2024/01/22 00:01:40	22	0	1 Night	0.00	9.0

Mi550 | ME440 | ME435 | **Table_relevant_data** | Power | Power_per_p

Ready Accessibility: Investigate

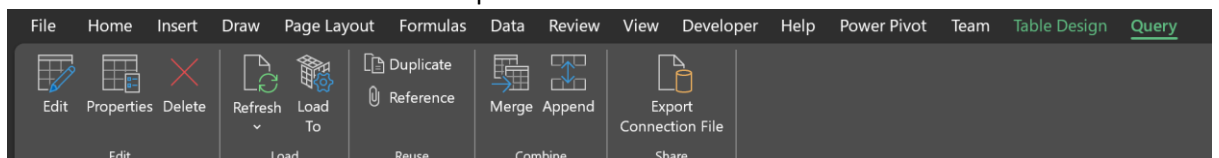
- 2.12. Click on “Query” on the top menu.



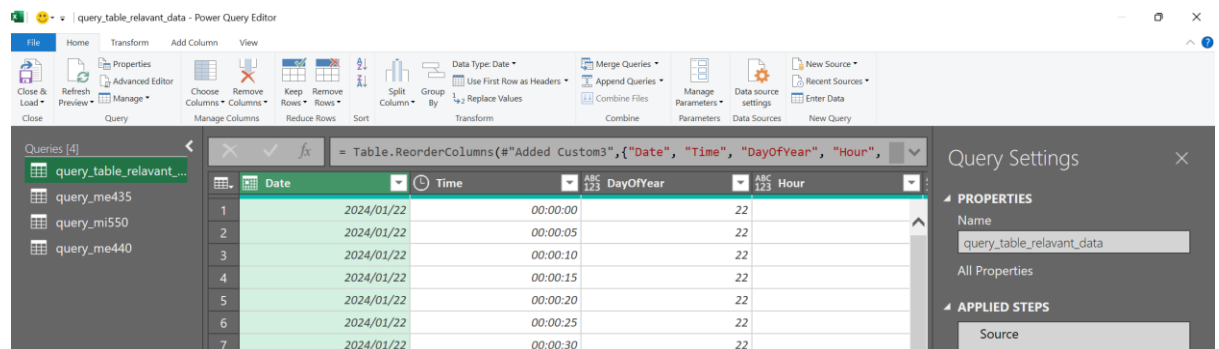
- 2.13. Click anywhere on the data table.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Date	Time	UA	UB	UC	UAvg	IA	IB	IC	IAvg	IN	FA	FB	FC	FD
2	2022/09/04	00:00:50	241.04	240.34	239.83	240.4	0	0.52	0	0.17	0.53	49.96	49.96	49.96	
3	2022/09/04	00:01:51	240.9	240.44	239.85	240.4	0.69	0.55	0	0.41	0.76	49.96	49.96	49.96	
4	2022/09/04	00:02:50	240.8	240.33	239.72	240.29	0.73	0.55	0	0.42	0.77	49.95	49.95	49.96	
5	2022/09/04	00:03:50	240.76	240.24	239.65	240.21	0.77	0.56	0	0.44	0.84	49.95	49.95	49.95	

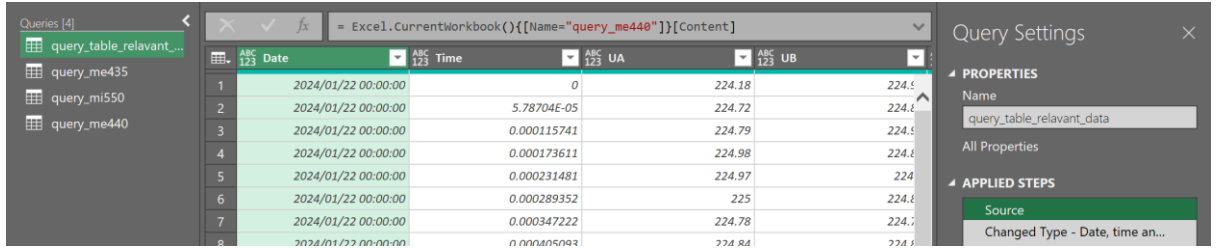
- 2.14. Click the “Edit” button on the top menu.



- 2.15. This will open up Microsoft query editor.



2.16. On the “Applied Steps” window on the right, click on the first step called “Source”.



2.17. In the formula bar Edit the name in “= Excel.CurrentWorkbook()[{Name=**me435**}][Content] “

2.18. Change the name to your meter name, and press enter.

2.18.1. Either Mi550, M440 or ME435

2.19. Under the “Home” menu, click on the “Close & Load” button.

Viewing your data

2.20. Click on the Power tab

2.21. Right click anywhere on the table and the left click on refresh on the context menu

Frequently Asked Questions

- When trying to import the data from a CSV file, it does not import it to separate columns, but put everything in one column.
 - Sometimes excel saves .CSV files with Double quotations marks for each row. Do a find and replace for all double quotation marks “, and save the file...