

Groopit OData Feed for Downloading Shared Data

Installation and Configuration

Introduction

What is OData

[OData](#) is an industry standard for data exchange on the web. The main focus of OData is for querying and sharing data across multiple sources. Groopit supports OData feeds for bulk (read-only) export of data shared in Groopit Data Models.

Features

- Organizers can easily download all data shared in Data Models to a desktop BI tool such as Excel, Power BI Desktop, Tableau, etc.
- IT admins can integrate Groopit data into existing systems such as data warehouses, SharePoint, Salesforce, etc.


Accessing Groopit OData Feed


The OData feed URL for a Data Model is located on the Download Data page along with the Download CSV/TXT options.


To access:

1. Tap Views on the navigation menu
2. Tap Download Data

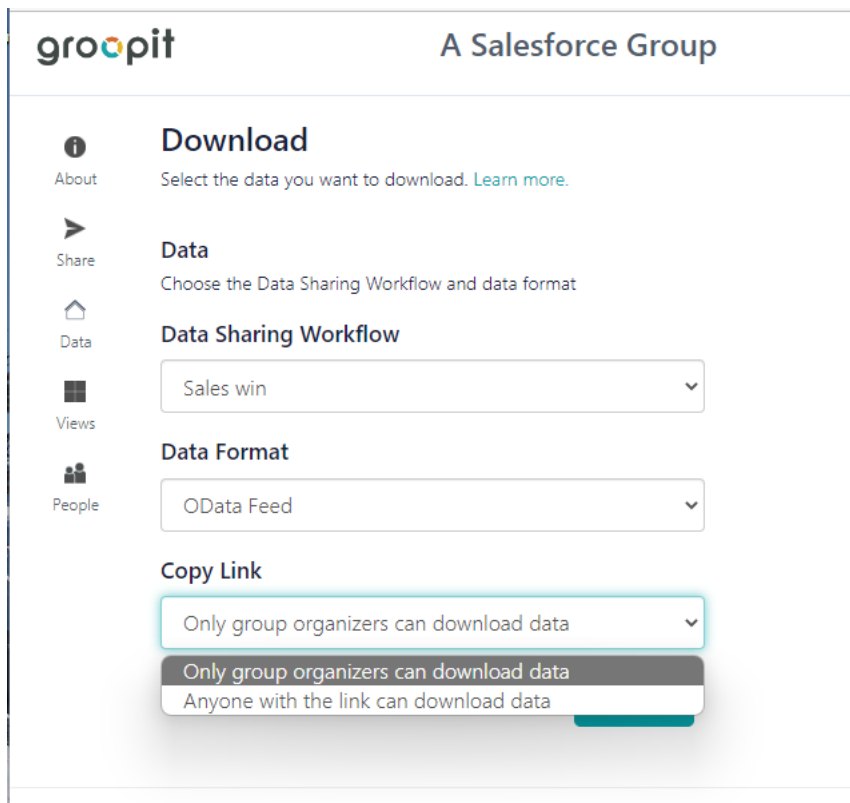
Data & Views

 Download data

 Add a view

 Add a data integration

This will bring up the Download data page.



3. Choose the correct Data Model from the drop-down menu.
4. Select OData Feed from the Data Format drop-down menu.
5. Select “Anyone with the link can download data”.
6. Copy the URL link (sometimes referred to as a Service URL) to use in your application.

You can use the Groopit Odata feed as a Power BI, Excel, Tableau or other BI tools.

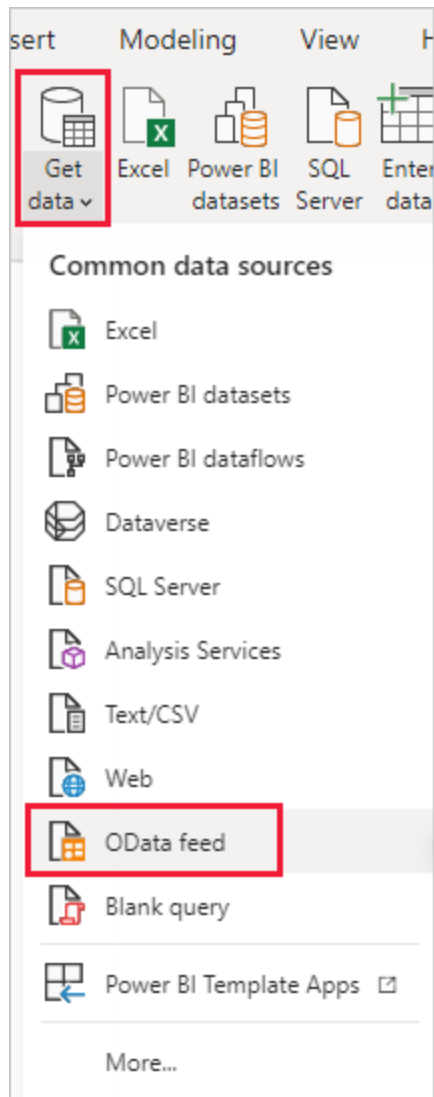
To integrate with Power BI, [follow these instructions](#)

To integrate with Excel, [follow these instructions](#)

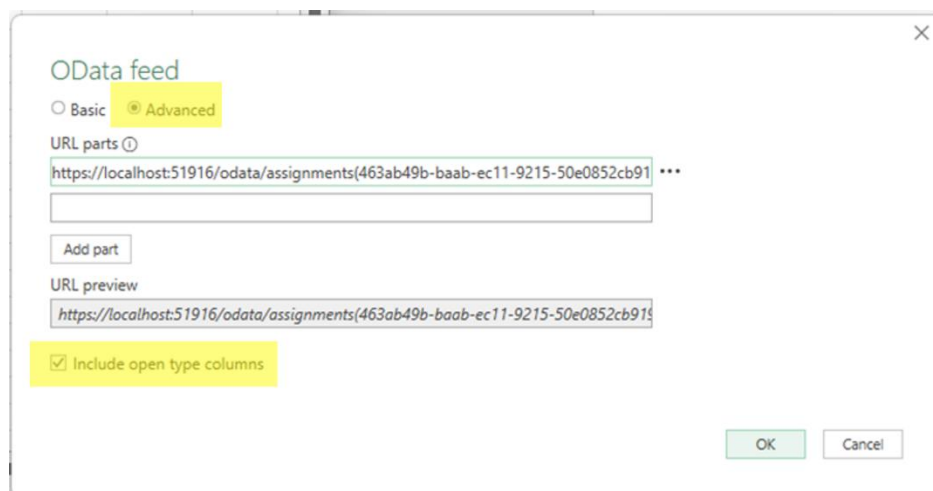
To integrate with Tableau, [follow these instructions](#).

Integrate with Power BI

1. Connect to an OData feed: Select Get data > OData feed from the Power BI Desktop Home ribbon.



In the Odata feed window,



1. Paste the URL from Groopit into the URL
2. Select "Advanced"
3. Check the include open type columns
4. Select OK

Transforming Data with the Power Query Editor in Power BI

This will bring up a preview of your data without the data from the Data Models. You will need to expand the "more columns" to see all the data.

Tap Transform Data to transform the data in the open type columns.

https://localhost:51916/odata/assignments(463ab49b-baab-ec11-9215-50e0852cb919)/Posts?tok...

Id	CreatorId	CreatorEmail	Timestamp	More Columns
0bbd57ea-72ac-ec11-9215-50e0852cb919	4261a1d9-b357-416e-87fd-7a2bb2bd2f8b	john+test@vert.org	3/25/2022 7:36:51 PM +00:00	Record
c00459bb-73ac-ec11-9215-50e0852cb919	4261a1d9-b357-416e-87fd-7a2bb2bd2f8b	john+test@vert.org	3/25/2022 7:42:42 PM +00:00	Record
20f36fe8-73ac-ec11-9215-50e0852cb919	4261a1d9-b357-416e-87fd-7a2bb2bd2f8b	john+test@vert.org	3/25/2022 7:43:57 PM +00:00	Record
41709a07-74ac-ec11-9215-50e0852cb919	4261a1d9-b357-416e-87fd-7a2bb2bd2f8b	john+test@vert.org	3/25/2022 7:44:50 PM +00:00	Record
b074f917-74ac-ec11-9215-50e0852cb919	4261a1d9-b357-416e-87fd-7a2bb2bd2f8b	john+test@vert.org	3/25/2022 7:45:17 PM +00:00	Record
f6a5179a-74ac-ec11-9215-50e0852cb919	4261a1d9-b357-416e-87fd-7a2bb2bd2f8b	john+test@vert.org	3/25/2022 7:48:55 PM +00:00	Record
82902ae7-74ac-ec11-9215-50e0852cb919	4261a1d9-b357-416e-87fd-7a2bb2bd2f8b	john+test@vert.org	3/25/2022 7:51:04 PM +00:00	Record
30fb6907-75ac-ec11-9215-50e0852cb919	4261a1d9-b357-416e-87fd-7a2bb2bd2f8b	john+test@vert.org	3/25/2022 7:51:59 PM +00:00	Record
b691b6ff-9caf-ec11-9215-50e0852cb919	f9cca565-2e92-4f10-b2b7-b03e5ec094ca	test-m23wtnjfn7vo@example.com	3/29/2022 8:15:39 PM +00:00	Record
dfbfcfe54-a5af-ec11-9215-50e0852cb919	f9cca565-2e92-4f10-b2b7-b03e5ec094ca	test-m23wtnjfn7vo@example.com	3/29/2022 9:15:18 PM +00:00	Record
19671f17-b6af-ec11-9215-50e0852cb919	f9cca565-2e92-4f10-b2b7-b03e5ec094ca	test-m23wtnjfn7vo@example.com	3/29/2022 11:15:16 PM +00:00	Record
d096a0c1-fbb5-ec11-9217-98e743bcd5b5	f9cca565-2e92-4f10-b2b7-b03e5ec094ca	test-m23wtnjfn7vo@example.com	4/6/2022 10:49:04 PM +00:00	Record
35816877-03b6-ec11-9217-98e743bcd5b5	f9cca565-2e92-4f10-b2b7-b03e5ec094ca	test-m23wtnjfn7vo@example.com	4/6/2022 11:44:16 PM +00:00	Record
6a5b1929-0ab6-ec11-9217-98e743bcd5b5	f9cca565-2e92-4f10-b2b7-b03e5ec094ca	test-m23wtnjfn7vo@example.com	4/7/2022 12:32:11 AM +00:00	Record
4573c1f9-90b6-ec11-9217-98e743bcd5b5	f9cca565-2e92-4f10-b2b7-b03e5ec094ca	test-m23wtnjfn7vo@example.com	4/7/2022 4:37:13 PM +00:00	Record
0fe3f12e-92b6-ec11-9217-98e743bcd5b5	f9cca565-2e92-4f10-b2b7-b03e5ec094ca	test-m23wtnjfn7vo@example.com	4/7/2022 4:45:52 PM +00:00	Record
79ff033a-92b6-ec11-9217-98e743bcd5b5	f9cca565-2e92-4f10-b2b7-b03e5ec094ca	test-m23wtnjfn7vo@example.com	4/7/2022 4:46:11 PM +00:00	Record
a48a2e18-99b6-ec11-9217-98e743bcd5b5	f9cca565-2e92-4f10-b2b7-b03e5ec094ca	test-m23wtnjfn7vo@example.com	4/7/2022 5:35:20 PM +00:00	Record
5419b3a9-70b7-ec11-9217-98e743bcd5b5	f9cca565-2e92-4f10-b2b7-b03e5ec094ca	test-m23wtnjfn7vo@example.com	4/8/2022 7:18:26 PM +00:00	Record
810c8140-73b7-ec11-9217-98e743bcd5b5	f9cca565-2e92-4f10-b2b7-b03e5ec094ca	test-m23wtnjfn7vo@example.com	4/8/2022 7:36:58 PM +00:00	Record

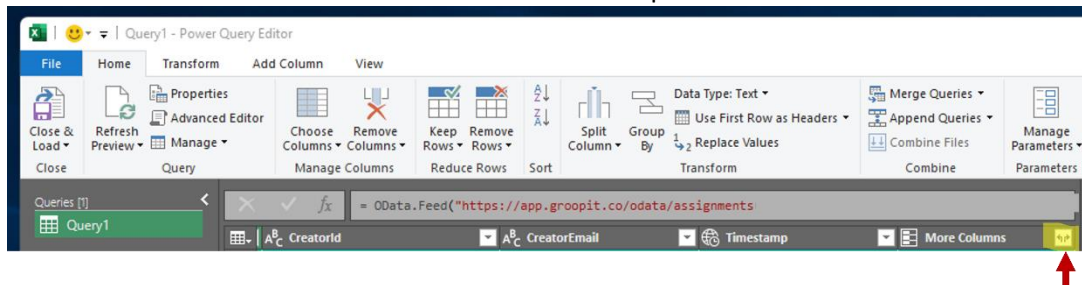
The data in the preview has been truncated due to size limits.


Load Transform Data Cancel

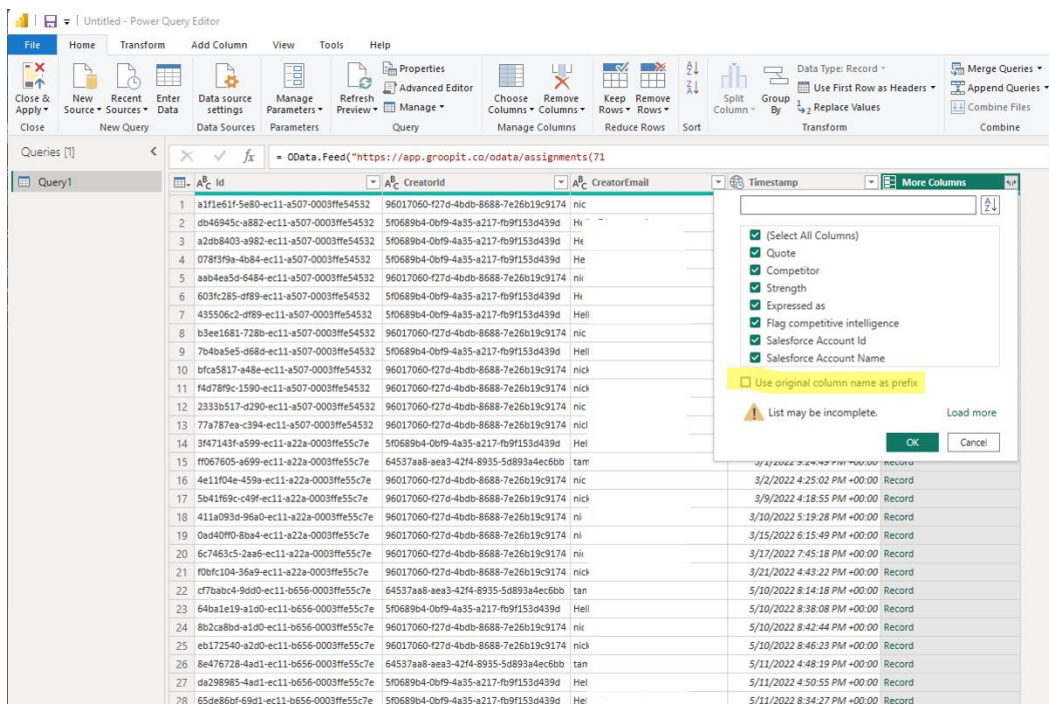
This will bring up the Power Query Editor. This lets you do all kinds of transformations and cleaning of your data, but for now we will just use it to expand the Groopit Data.

1. Find the last column on the right titled "More Columns"

- Next to the “More Columns” header there is a little expand icon 




- Click the  icon and a drop-down with list of all the fields in the Data Model will appear.
- Select all (the default) or just the ones you care about.



- Uncheck the “Use original column name as prefix” setting.
- Confirm all the columns you want to import are checked. Click “Load more” (located above the cancel button) to expand the choices.
- Click OK after you have made your selections.

Now you will see all the columns expanded in the preview.

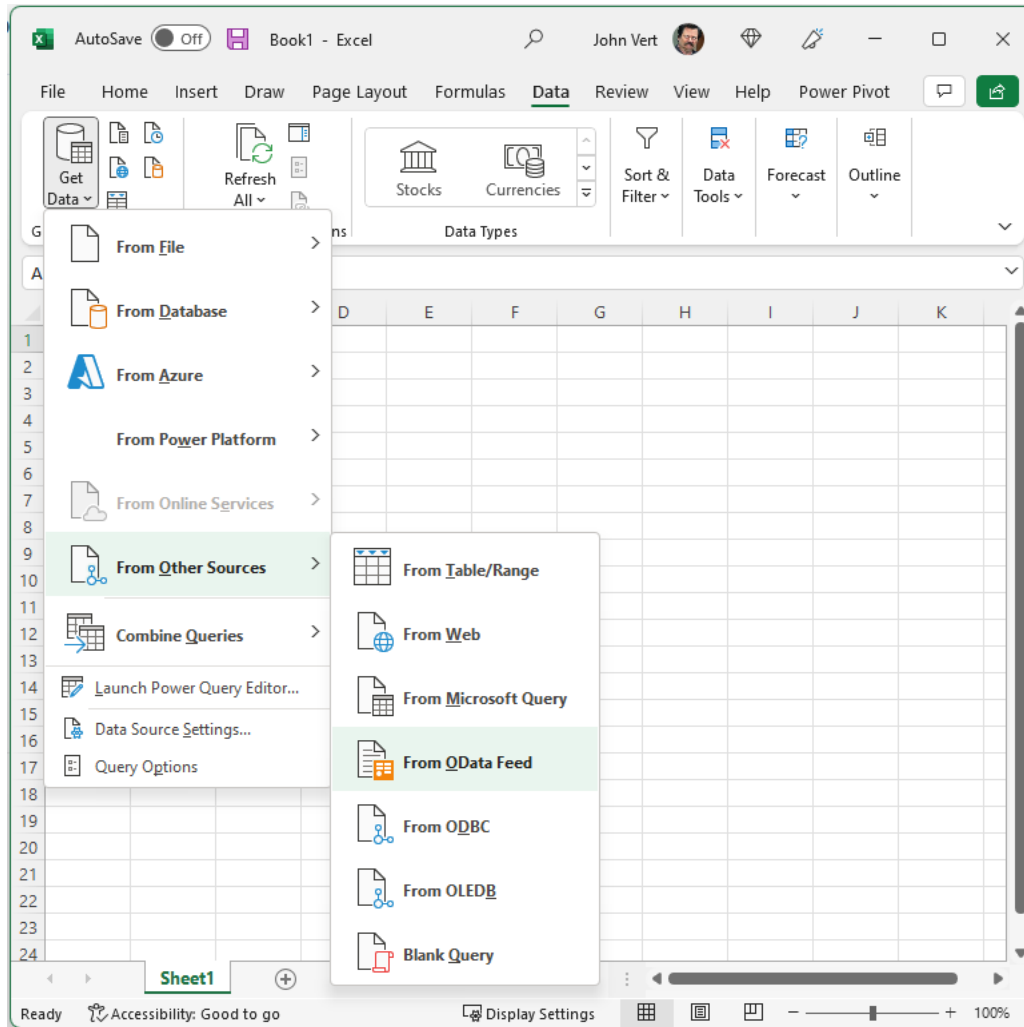
- Press “Close & apply” in the upper left-hand corner of the ribbon and your data will be loaded into a table. Now you can use your data to create reports in Power BI.

- To refresh your data, press Refresh .

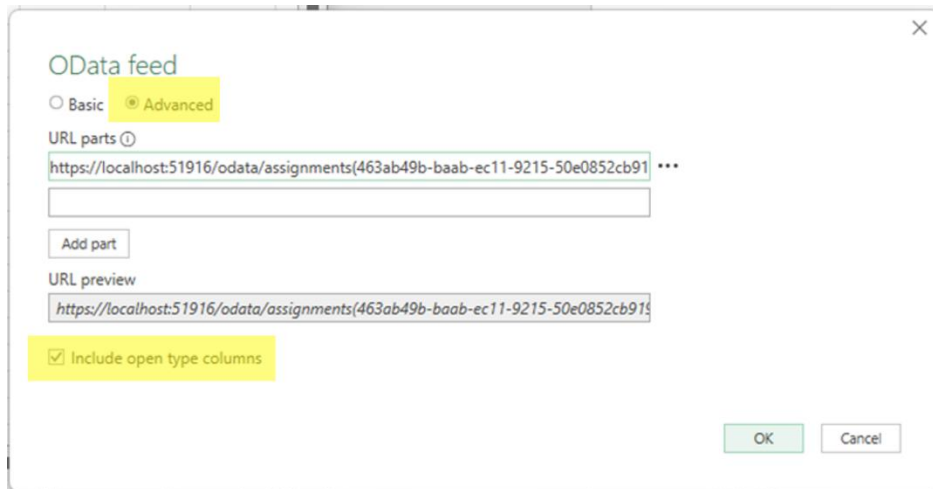
To integrate with Excel

Connect the Odata feed to Excel. The Excel OData import is accessed from the Data ribbon.

1. Click on the Data menu at the top of the navigation
2. Get Data > From Other Sources > From OData Feed



5. Paste the URL from Groopit into the URL field
6. Select "Advanced"
7. Check Include open type column



Transform Data with Power Query Editor in Excel

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Tap Transform Data to transform the data in the open type columns.


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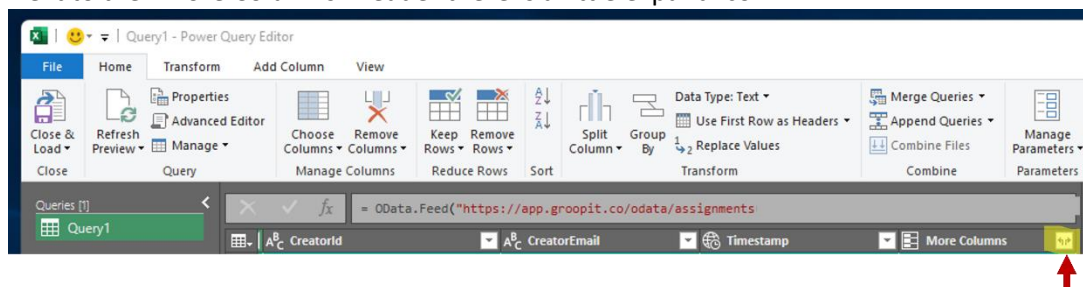
Id	CreatorId	CreatorEmail	Timestamp	More C
0bbd57ea-72ac-ec11-9215-50e0852cb919	4261a1d9-b357-416e-87fd-7a2bb2bd2f8b	john+test@vert.org	3/25/2022 7:36:51 PM +00:00	Record
c00459bb-73ac-ec11-9215-50e0852cb919	4261a1d9-b357-416e-87fd-7a2bb2bd2f8b	john+test@vert.org	3/25/2022 7:42:42 PM +00:00	Record
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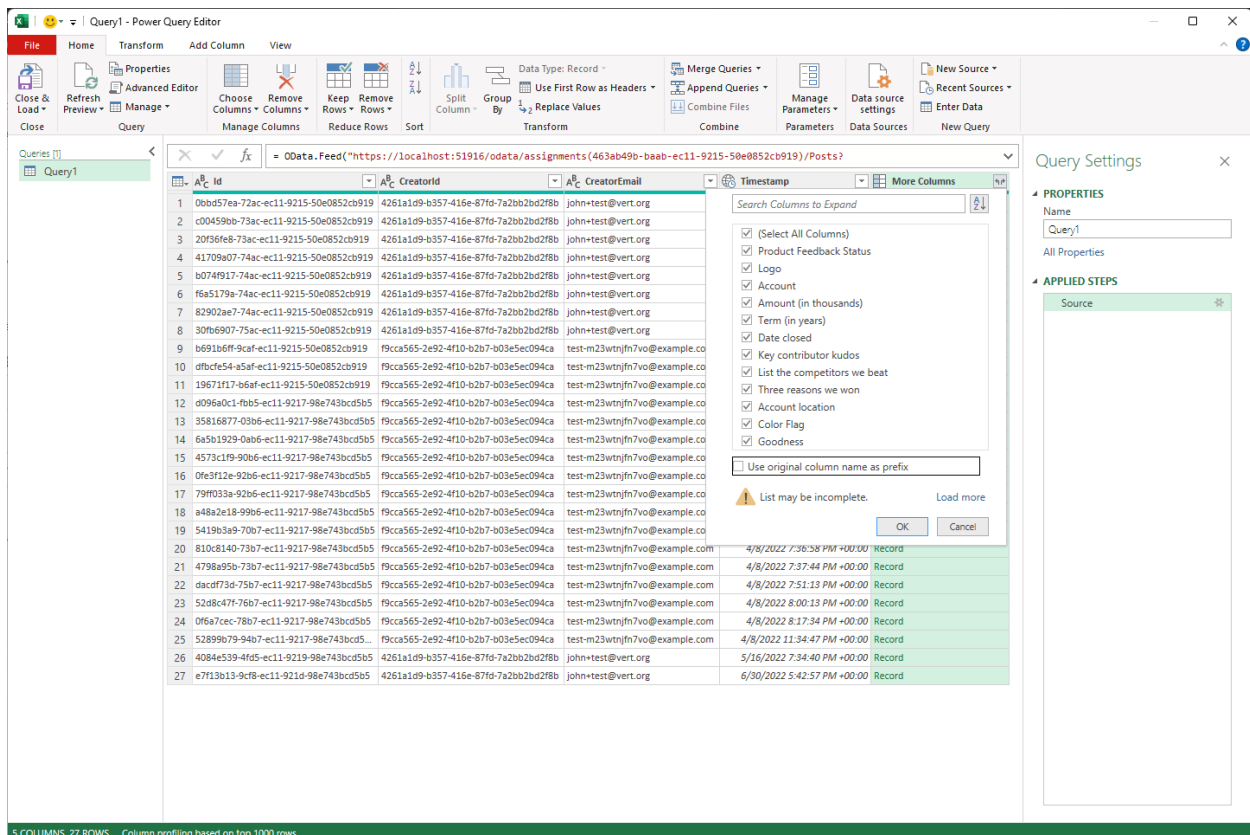
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7. Click OK after you have made your selections.

Now you will see all the columns expanded in the preview.

8. Press “Close & Load” and your data will be loaded into an Excel table. Now you can use all of Excel’s tools for your table including filtering, sorting, charting, pivot table, etc.
9. You can refresh the data easily just by pressing the Refresh All button on the Data tab.

Additional Information

If you change the fields in the Data Model, then any existing queries in Power BI and Excel will need to be recreated.

The data in the feed includes things that normally are only visible to the Organizer, like hidden fields and user email addresses.