

Power Query Authoring Failures

Last updated by | Ranjith Katukojwala | Mar 7, 2023 at 11:35 AM PST

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Information gathering

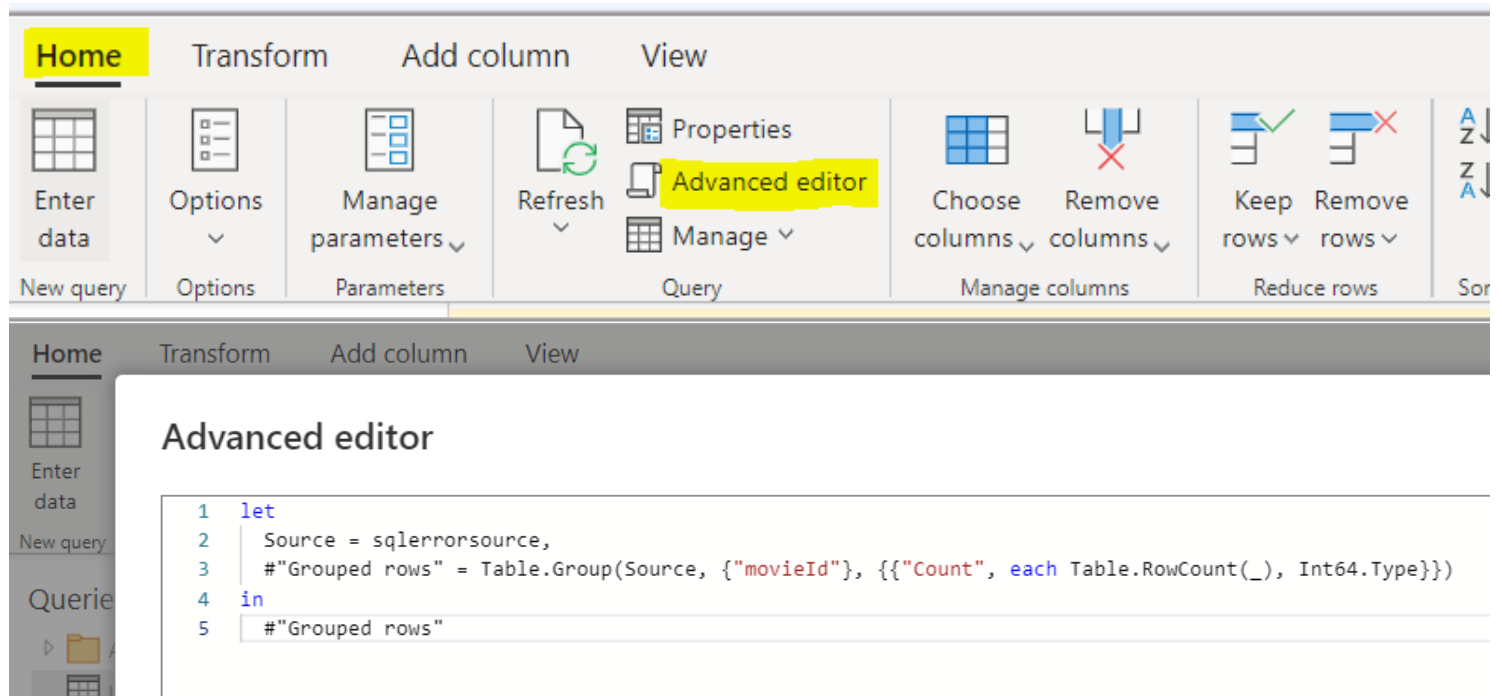
The following information is required to investigate Power Query authoring issues,

- Data Factory name and Power Query name (or) Session id of the Power Query
- Timestamp of the error
- Actual query which throws an error.

How to get the actual user query?

You can get the query from Power Query - 'Advanced Editor' window.

Home -> Advanced editor



How to get the session id for your Power Query window?

1. Goto Network tab in Developer Tools (Press F12 to open Developer Tools)
2. In the Network tracing, select any call to Power Query API (<https://region.prod.powerquery.microsoft.com/api/>). More details of that call will be displayed on the

right pane

3. Click Headers tab, under Request Headers you can find session id (x-ms-client-session-id).

sec-fetch-mode: cors

sec-fetch-site: same-origin

user-agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit

7.0.664.75

x-ms-client-request-id: 442abdae-54bf-4bd7-b327-a7a01f65cce0

x-ms-client-session-id: 3abbfeb7-d06e-4660-9c7e-383ce6016a32

x-ms-host-context-type: Adf

Known Issues

Currently not all Power Query M functions are supported for data wrangling despite being available during authoring. You'll be prompted with the corresponding error message if a function isn't supported like below:

The screenshot shows the Power Query Editor interface. The ribbon at the top includes tabs for Home, Transform, Add column, and View. The Home tab is active, showing options like Enter data, Options, Manage parameters, Refresh, Properties, Advanced editor, and Manage. The Transform tab is also visible, showing options like Choose, Remove, Keep, and Remove rows. The data preview shows a table with columns 'movieId' and 'Count'. The error message is highlighted in yellow: 'UserQuery : Expression.Error: 4 arguments were passed to a function for which the Power Query Spark Runtime only supports 3 arguments.'

More information about the supported and unsupported Power Query M functions can be found here, <https://docs.microsoft.com/azure/data-factory/wrangling-data-flow-functions>