

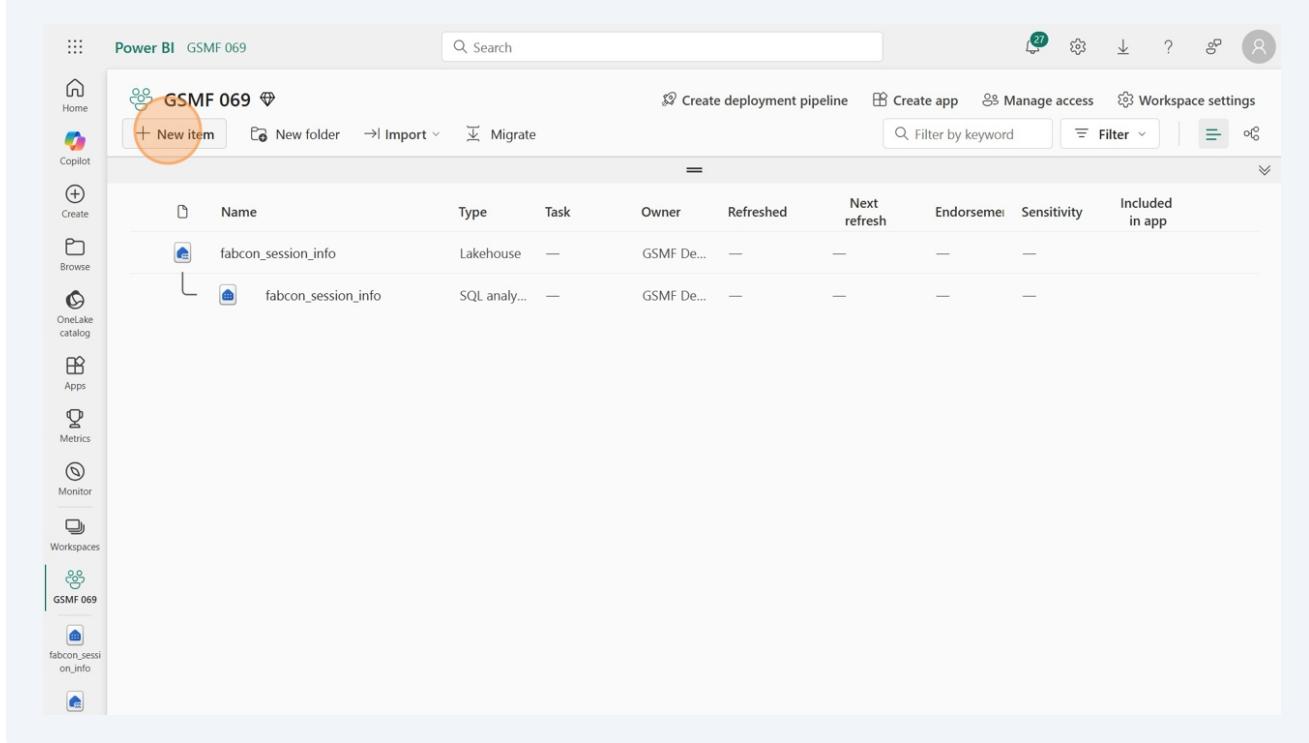
2. Transform FabCon Session Data with a Dataflow Gen2

Training. 

In this lab, we'll clean up the raw sessions and speakers data a bit. After we do some transformations, we'll land the data into new tables in the lakehouse that we'll use in a semantic model and report later on.

Create a Dataflow Gen2

- From your workspace, click "New item"



The screenshot shows the Power BI workspace interface. On the left, there's a sidebar with various icons: Home, Copilot, Create, Browse, OneLake catalog, Apps, Metrics, Monitor, Workspaces, and a specific workspace named 'GSMF 069'. The 'GSMF 069' workspace is currently selected. Inside the workspace, there's a main area with a search bar at the top. Below the search bar, there are several buttons: 'Create deployment pipeline', 'Create app', 'Manage access', and 'Workspace settings'. A 'New item' button is highlighted with a red circle. Other buttons include 'New folder', 'Import', and 'Migrate'. Below these buttons is a table with columns: Name, Type, Task, Owner, Refreshed, Next refresh, Endorsement, Sensitivity, and Included in app. There are two entries in the table:

| Name | Type | Task | Owner | Refreshed | Next refresh | Endorsement | Sensitivity | Included in app |
|---------------------|--------------|------|------------|-----------|--------------|-------------|-------------|-----------------|
| fabcon_session_info | Lakehouse | — | GSMF De... | — | — | — | — | — |
| fabcon_session_info | SQL analy... | — | GSMF De... | — | — | — | — | — |

2 Scroll down or search for Dataflow Gen2

The screenshot shows the Power BI 'New item' creation interface. On the left, there's a sidebar with navigation links like Home, Copilot, Create, Browse, OneLake catalog, Apps, Metrics, Monitor, Workspaces, and a list of recent items including 'GSMF 069' and 'fabcon_session_info'. The main area has a search bar at the top right. Below it, there are two sections: 'Visualize data' and 'Get data'. Under 'Visualize data', there are six items: Dashboard, Exploration (preview), Org app (preview), Paginated Report (preview), Real-Time Dashboard, and Report. Under 'Get data', there are three items: Copy job, Data pipeline, and Dataflow Gen1. Each item card includes a description, a small icon, and a star rating.

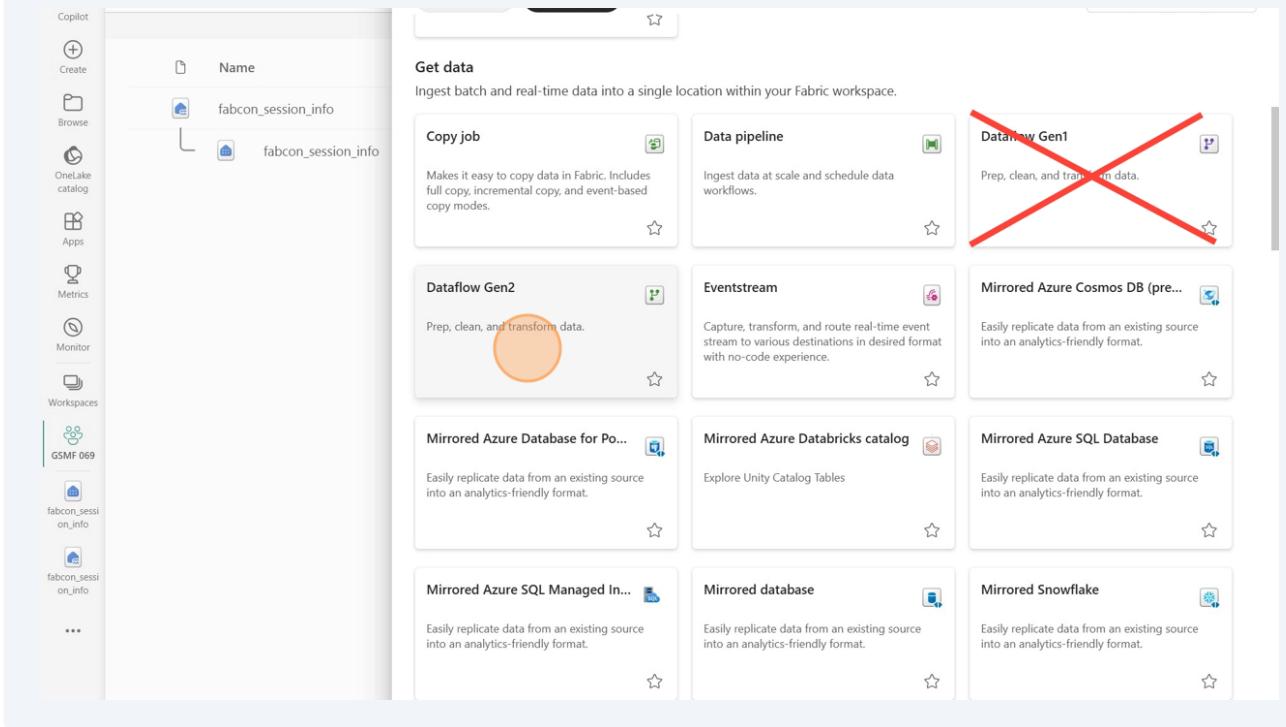
Visualize data

- Dashboard
- Exploration (preview)
- Org app (preview)
- Paginated Report (preview)
- Real-Time Dashboard
- Report

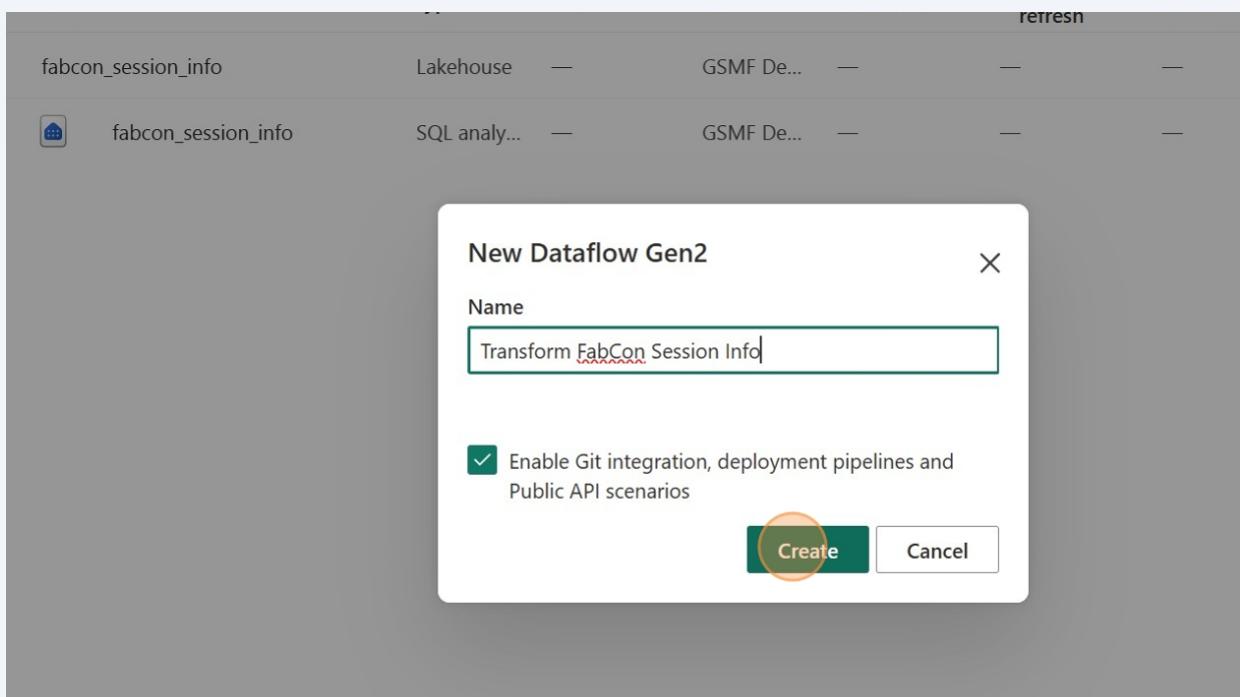
Get data

- Copy job
- Data pipeline
- Dataflow Gen1

3 Click "Dataflow Gen2" (make sure not to click "Dataflow Gen1.")

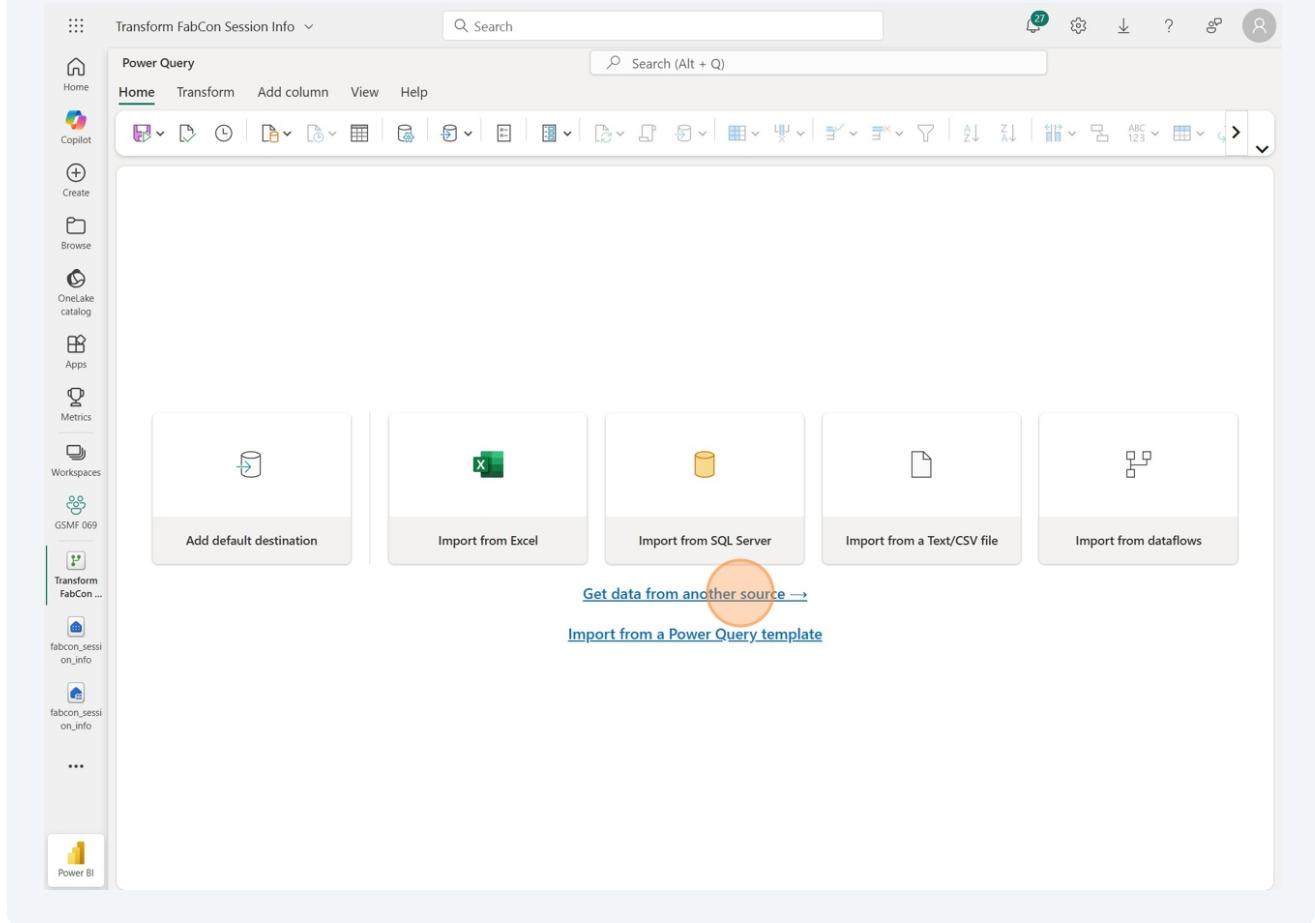


4 Give the Dataflow Gen2 a name. Something like "Transform FabCon Session Info" and click "Create"



Get data from the lakehouse

5 Inside the new Dataflow Gen2, click "Get data from another source →"



6

This page shows some commonly used sources. To see all your choices, click "View more."

The screenshot shows the 'Choose data source' dialog in Power Query. At the top, there's a search bar and a 'View more' button (circled in orange). Below it, under 'New sources', are icons for Excel workbook, SQL Server database, SharePoint folder, Text/CSV, Power BI dataflows (Legacy), Dataflows, Dataverse, and SharePoint Online list. Under 'Recent (Preview)', it says 'No recent data yet.' and has a 'View more' button. Under 'OneLake catalog', there's a table with columns Name, Type, Owner, Refreshed, Location, and Enc. One entry is shown: fabcon_session_info (Lakehouse, GSMF Demo User 069, —, GSMF 069, —).

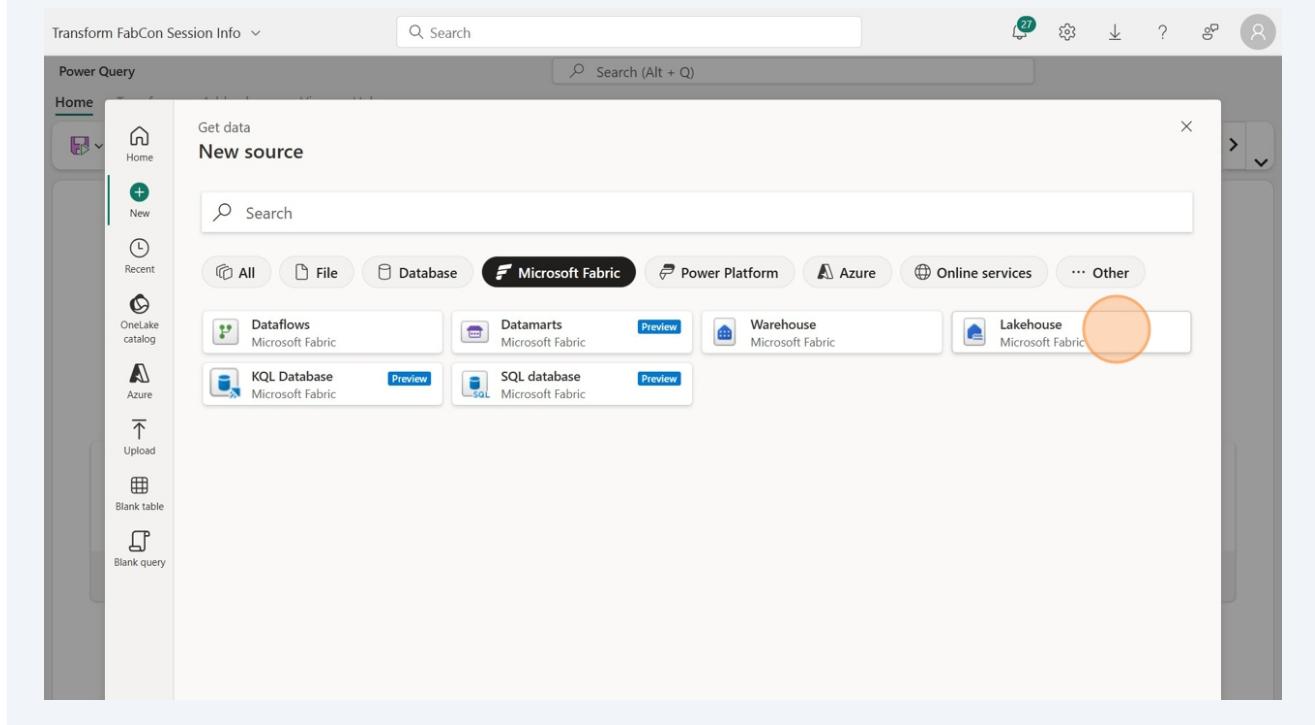
7

Wow - so many sources! Click "Microsoft Fabric" to filter.

The screenshot shows the 'New source' dialog in Power Query. At the top, there's a search bar and a 'View more' button. Below it, there are tabs: All (selected), File, Database, Microsoft Fabric (circled in orange), Power Platform, Azure, Online services, and Other. The 'Database' section contains various database icons and names, including Excel workbook, Text/CSV, XML, JSON, Folder, PDF, Parquet, SharePoint folder, SQL Server database, Access, Oracle database, IBM Db2 database, MySQL database, PostgreSQL database, Teradata database, SAP HANA database, SAP BW Application Server, SAP BW Message Server, Snowflake, Google BigQuery, Amazon Redshift, Impala, Vertica, Dataflows (Microsoft Fabric), Datamarts (Microsoft Fabric), Preview, Warehouse (Microsoft Fabric), Lakehouse (Microsoft Fabric), KQL Database, Common Data Service (Le...), and Power BI dataflows (Legacy).

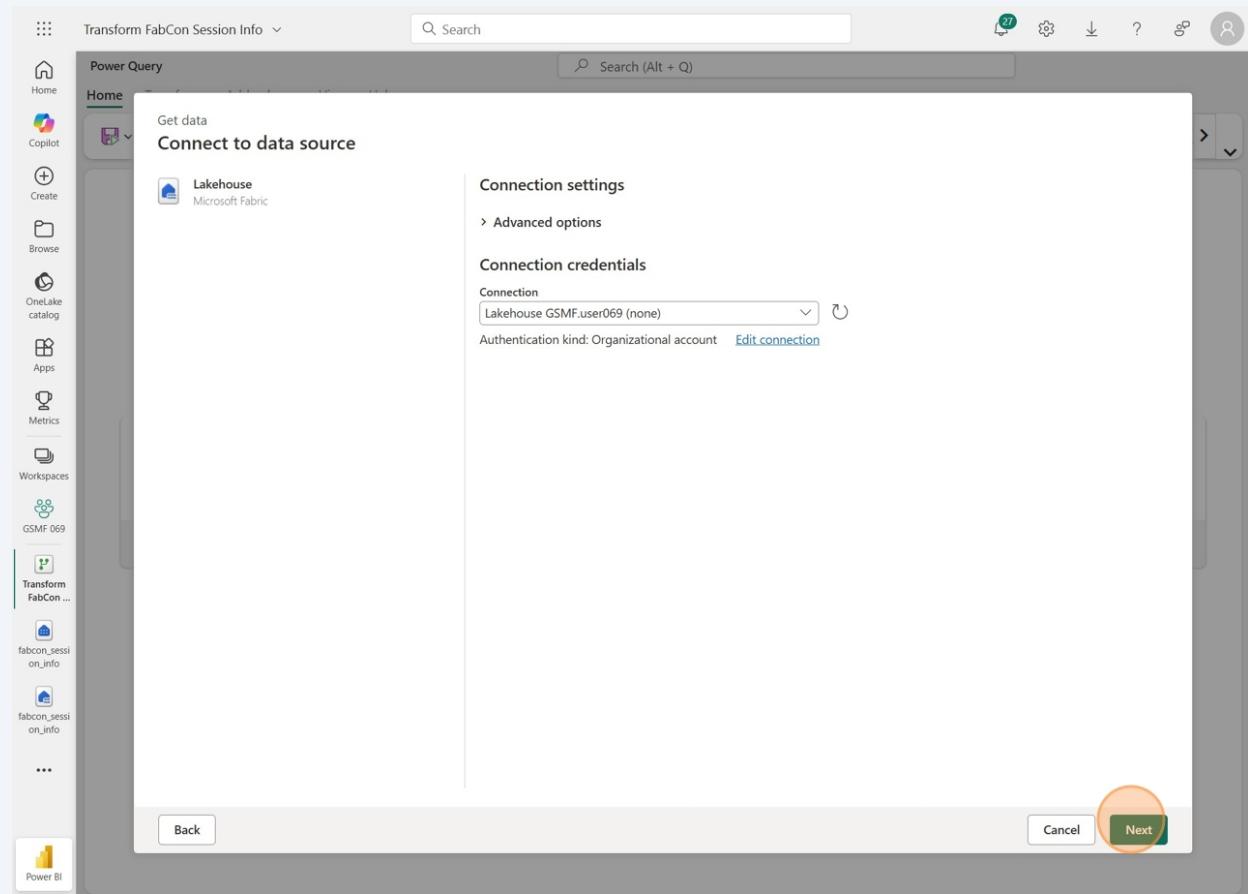
8

Click "Lakehouse"

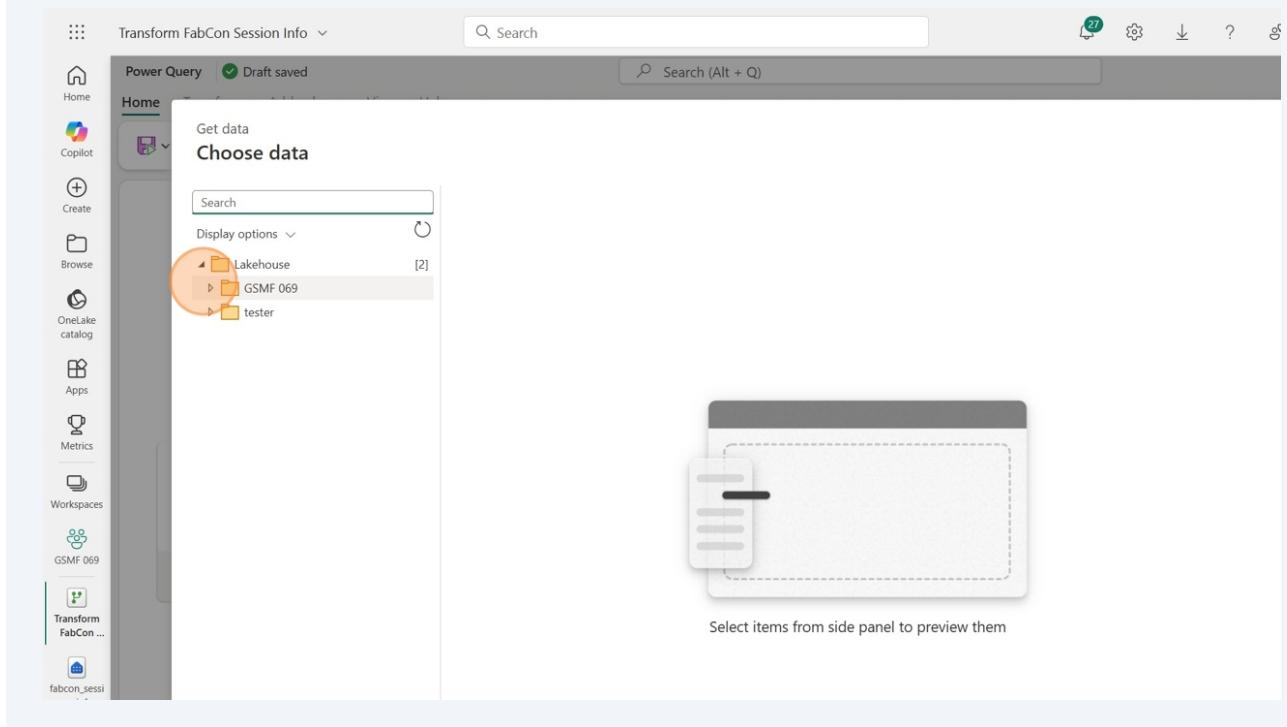


9

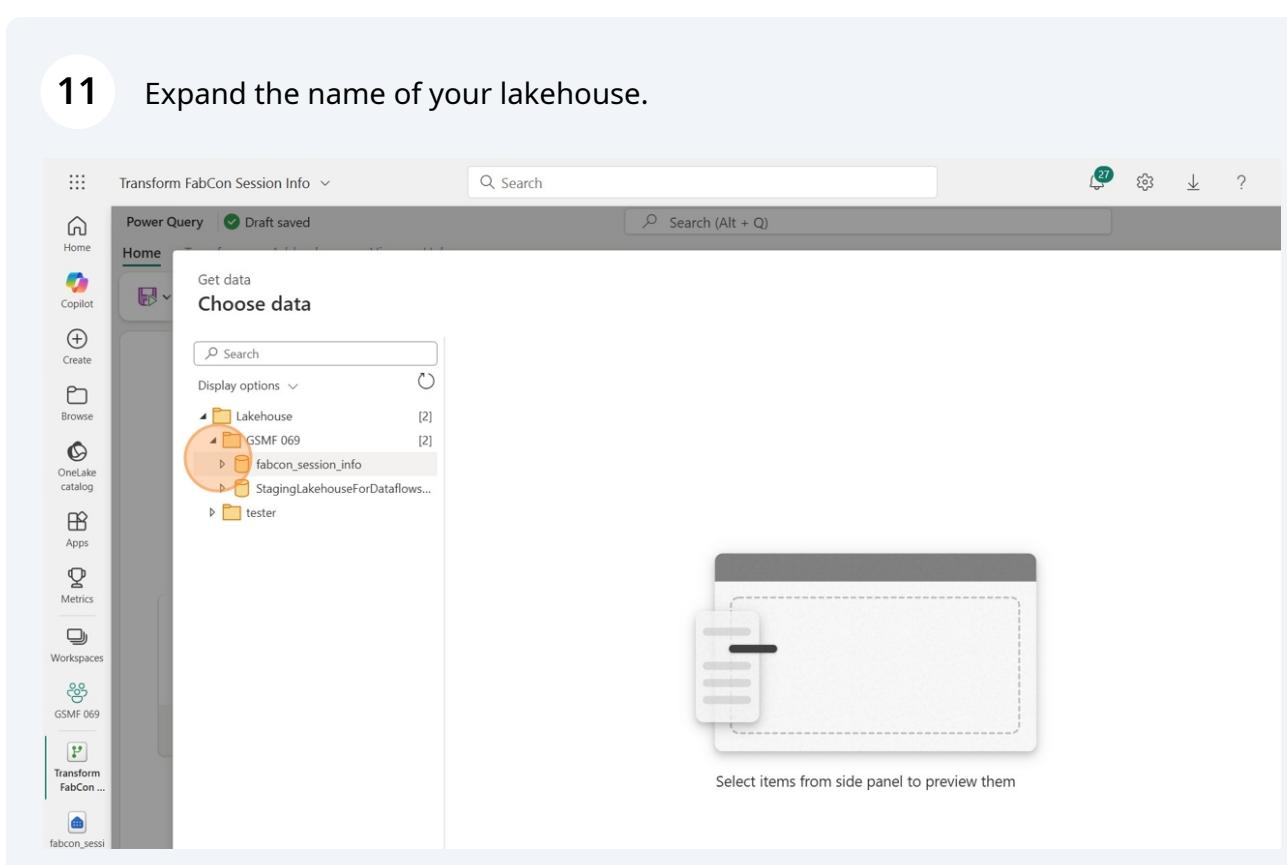
Your connection should already be ready, but for other sources this is the place where you'll fill in connection information. Click "Next".



10 Expand the name of your workspace.



11 Expand the name of your lakehouse.



12

Select both the "raw_2025_europe_sessions" and "raw_2025_europe_speakers"tables.

The screenshot shows the Power BI Dataflows interface. On the left, there's a navigation pane with options like 'Browse', 'OneLake catalog', 'Apps', 'Metrics', 'Workspaces', 'GSMF 069', 'Transform FabCon ...', 'fabcon_session_info', and 'fabcon_session_info'. The main area shows a tree view of datasets and tables. A folder named 'StagingLakehouseForDataflows...' contains two tables: 'raw_2025_europe_sessions' and 'raw_2025_europe_speakers'. Both of these tables have green checkmarks next to them, indicating they are selected. To the right of the tree view is a large table preview showing 1000 rows of speaker data. At the bottom right of the preview are 'Cancel' and 'Create' buttons. The 'Create' button is highlighted with a red circle.

| ID | Name | Organization |
|------|-----------------------------|--------------------------------|
| 1000 | Ester Kot | Clouds on Mars , United States |
| 1001 | Just Blindbæk MVP | twoday kapacity |
| 1001 | Ásgeir Gunnarsson MVP | North Insights ApS. |
| 1001 | Lars Andersen | Microsoft |
| 1002 | Shreyas Canchi Radhakrishna | Microsoft |
| 1002 | Markus Cozwicz | Microsoft |
| 1003 | Maraki Ketema | Microsoft |
| 1003 | Eran Benayun | Microsoft |
| 1003 | Wilson Lee | Microsoft |
| 1004 | Idris Motiwala | Microsoft |
| 1004 | Strahinja Rodic | Microsoft |
| 1004 | Neel Ball | Microsoft |
| 1005 | Devang Shah | Microsoft |
| 1005 | Sander van de Velde MVP | SDG Group |
| 1006 | Srdjan Matin | Microsoft |
| 1006 | Filip Popović | Microsoft |
| 1006 | Artur Vieira | Microsoft |
| 1007 | Stephanie Bruno MVP | Data Witches |
| 1008 | Santhana Lakshmi Ponnurasan | Santhana Lakshmi Ponnurasan |
| 1009 | Darren Portillo | Microsoft |
| 1009 | Sita Dontharaju | Microsoft |
| 1009 | Liz Cox | Microsoft |
| 1010 | Mohammad Ali | Microsoft |
| 1010 | Sid Vemuri | Microsoft |
| 1011 | Bob Ward | Microsoft |
| 1011 | Priya Sathy | Microsoft |
| 1012 | Wee Hyong Tok | Microsoft |
| 1012 | Faisal Mohamood | Microsoft |

13

Click "Create"

This screenshot is similar to the previous one, showing the Power BI Dataflows interface. The tree view on the left has the same structure, with the 'raw_2025_europe_sessions' and 'raw_2025_europe_speakers' tables selected. The table preview on the right shows the same 1000 rows of speaker data. However, the 'Create' button at the bottom right is now highlighted with a red circle, indicating it is the next step to be taken.

| ID | Name | Organization |
|------|-----------------------------|--------------------------------|
| 1000 | Ester Kot | Clouds on Mars , United States |
| 1001 | Just Blindbæk MVP | twoday kapacity |
| 1001 | Ásgeir Gunnarsson MVP | North Insights ApS. |
| 1001 | Lars Andersen | Microsoft |
| 1002 | Shreyas Canchi Radhakrishna | Microsoft |
| 1002 | Markus Cozwicz | Microsoft |
| 1003 | Maraki Ketema | Microsoft |
| 1003 | Eran Benayun | Microsoft |
| 1003 | Wilson Lee | Microsoft |
| 1004 | Idris Motiwala | Microsoft |
| 1004 | Strahinja Rodic | Microsoft |
| 1004 | Neel Ball | Microsoft |
| 1005 | Devang Shah | Microsoft |
| 1005 | Sander van de Velde MVP | SDG Group |
| 1006 | Srdjan Matin | Microsoft |
| 1006 | Filip Popović | Microsoft |
| 1006 | Artur Vieira | Microsoft |
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| 1008 | Santhana Lakshmi Ponnurasan | Santhana Lakshmi Ponnurasan |
| 1009 | Darren Portillo | Microsoft |
| 1009 | Sita Dontharaju | Microsoft |
| 1009 | Liz Cox | Microsoft |
| 1010 | Mohammad Ali | Microsoft |
| 1010 | Sid Vemuri | Microsoft |
| 1011 | Bob Ward | Microsoft |
| 1011 | Priya Sathy | Microsoft |
| 1012 | Wee Hyong Tok | Microsoft |
| 1012 | Faisal Mohamood | Microsoft |

Transform the session data

14

We now have two queries in the Dataflow Gen2. You can see them in the Queries pane on the left. Now let's do a little clean-up.

First, we don't need [SOLD OUT] in the titles.

The screenshot shows the Power Query Editor interface with the following details:

- Title:** Transform FabCon Session Info
- Queries [2]:**
 - raw_2025_europe_sessions
 - raw_2025_europe_spe...
- Table View:** A grid of session data with columns: session_id, title, and detail_url. The 'title' column is highlighted with a red border.
- Query Settings:**
 - Name: raw_2025_europe_sessions
 - Applied steps: Navigation 1, Navigation 2, Navigation 3
- Data Destination:** No data destination selected.
- Bottom Status:** Completed (2.62 s), Columns: 13, Rows: 99+.

15

Right-click "title"

The screenshot shows the Power Query Editor interface. A table named 'raw_2025_europe_sessions' is displayed with two columns: 'session_id' and 'title'. The 'title' column is highlighted with a yellow circle. The table contains 22 rows of session details, each with a unique ID and a title like 'Mastering Data Engineering git and CI/CD in Microsoft Fabric'.

16

Click "Replace values..."

The screenshot shows the Power Query Editor interface with the same table. A context menu is open over the 'title' column, and the 'Replace values...' option is highlighted with a yellow circle. Other options in the menu include 'Copy preview data', 'Remove columns', 'Duplicate column', 'Add column from examples...', 'Remove duplicates', 'Remove errors', 'Split column', 'Replace errors...', 'Change type', 'Transform column', 'Group by...', 'Unpivot columns', 'Unpivot other columns', 'Unpivot only selected columns', 'Rename...', 'Resize...', 'Move', 'Drill down', and 'Add as new query'.

17

Click the "Value to find" field. Enter `["SOLD OUT"]` in the Value to find field. Leave the Replace with field blank because we just want to get rid of `["SOLD OUT"]`. (when you paste it, it might add a couple of backslashes - if it does just delete them so your value to find is exactly "`["SOLD OUT"]`"). Click OK.

18

Now let's create a Date column that doesn't include the time. Right-click "start"

19 Click "Duplicate column"

The screenshot shows the Microsoft Power Query Editor interface. On the left, there's a sidebar with various icons for Copilot, Create, Browse, OneLake catalog, Apps, Metrics, Workspaces, and Transform. The main area shows two queries: 'raw_2025_europe_sessi...' and 'raw_2025_europe_spea...'. A context menu is open over the second query, with the 'Duplicate column' option circled in red. The menu also includes options like 'Copy preview data', 'Remove columns', 'Remove other columns', 'Add column from examples...', 'Remove duplicates', 'Remove errors', 'Split column', 'Replace values...', 'Replace errors...', 'Change type', 'Transform column', 'Group by...', 'Unpivot columns', 'Unpivot other columns', 'Unpivot only selected columns', 'Rename...', 'Resize...', 'Move', and 'Drill down'. To the right, there are 'Query settings' and 'Applied steps' sections.

20 Highlight "start - Copy" in the formula bar and replace it with "Date" so the column has a nice name. Click the checkmark to the left of the formula bar when you're finished editing it.

This screenshot shows the same Power Query Editor interface as the previous one, but with a different context menu. The 'start - Copy' part of the formula bar is circled in red. The menu options are identical to the previous screenshot: 'Copy preview data', 'Remove columns', 'Remove other columns', 'Add column from examples...', 'Remove duplicates', 'Remove errors', 'Split column', 'Replace values...', 'Replace errors...', 'Change type', 'Transform column', 'Group by...', 'Unpivot columns', 'Unpivot other columns', 'Unpivot only selected columns', 'Rename...', 'Resize...', 'Move', and 'Drill down'. The 'Query settings' and 'Applied steps' sections are also present on the right.

21 Click the date/time icon to the left of the word "Date" so we can change the type.

The screenshot shows the Power Query Editor interface. In the center, there is a table with two columns: 'Text' and 'Date'. The 'Date' column contains timestamp values like '9/5/2025, 9:00:00 AM'. A context menu is open over the 'Date' column header, with the 'Date' option highlighted and circled in orange. The 'Query settings' pane on the right shows the query name 'raw_2025_europe_sessions' and a list of applied steps, including several 'Replaced value...' steps.

22 Click "Date". This will remove the time portion of the column and leave us with the date only.

The screenshot shows the Power Query Editor interface after the type change. The 'Date' column now only contains dates without times, such as '9/5/2025'. The context menu over the 'Date' column header is still open, but the 'Date' option is no longer highlighted or circled. The 'Query settings' pane remains the same as in the previous step.

23

Now lets make a duration column. Some sessions are one hour and some are eight hours. Click "**Add column**" and then the "**Custom column**" button. If your screen is small like in the screenshot and you cannot see the button name, just hover over the icons to see the name.

24

Click the "New column name" field and name it "Duration."

Click the formula field.

Double-click "end"

Type "-"

Double-click "start"

The screenshot shows the Microsoft Power Query Editor interface. The left sidebar includes icons for Home, Transform, Add column, View, Help, Column from examples, Create, Browse, OneLake catalog, Apps, Metrics, Workspaces, and Transform FabCon. The main area displays a query titled "Queries [2]" containing two tables: "raw_2025_europe_sessi..." and "raw_2025_europe_spea...". A context menu is open over the first table, showing options like "Table.TransformColumnTypes", "Duplicated column", and "Replace values". The "Add column" tab is selected in the ribbon. A "Custom column" dialog box is open, prompting the user to "Describe what you'd like to do". It features fields for "New column name" (set to "Custom") and "Data type" (dropdown), and a "Custom column formula" editor with a circled "Custom" button. To the right, a list of "Available column(s)" is shown, including session_id, title, detail_url, start, end, level, and topic. Buttons for "Insert column", "OK", and "Cancel" are at the bottom. On the far right, the "Query settings" pane shows the history of applied steps: Source, Navigation 1, Navigation 2, Navigation 3, Replaced v..., Replaced v..., Replaced v..., Replaced v..., Duplicated ..., and ABC 123 Changed c... Each step is dated 9/5/2025.

Column from examples

Queries [2]

Table.TransformColumnTypes(#"Duplicated column", {"Date", type date})

Custom column

Add a column that is computed from other columns or values.

Describe what you'd like to do

New column name * Duration Data type

Custom column formula * =

Available column(s)

- session_id
- title
- detail_url
- start
- end
- level
- topic

Insert column

OK Cancel

Learn more about Power Query formulas

Query settings

Properties

Name raw_2025_europe_sessions

Applied steps

- Source
- Navigation 1
- Navigation 2
- Navigation 3
- ↳ Replaced v...
- Duplicated ...
- ABC Changed c...

Queries [2]

raw_2025_europe_sessions

raw_2025_europe_sessions

Custom column

Add a column that is computed from other columns or values.

Describe what you'd like to do

New column name * Duration Data type

Custom column formula * =

Available column(s)

- session_id
- title
- detail_url
- start
- end
- level
- topic

Insert column

OK Cancel

Learn more about Power Query formulas

Query settings

Properties

Name raw_2025_europe_sessions

Applied steps

- Source
- Navigation 1
- Navigation 2
- Navigation 3
- ↳ Replaced v...
- Duplicated ...
- ABC Changed c...

Data destination

Queries [2]

raw_2025_europe_sessions

raw_2025_europe_sessions

Custom column ?

Add a column that is computed from other columns or values.

Describe what you'd like to do

New column name * Duration

Custom column formula * ?

```
= [end] - [start]
```

Available column(s)

- session_id
- title
- detail_url
- start**
- end
- level
- topic

Insert column

Learn more about Power Query formulas

OK Cancel

Query settings

Name raw_2025_europe_sessions

Applied steps

- Source
- Navigation 1
- Navigation 2
- Navigation 3
- ↳ 2 Replaced v...**
- ↳ 2 Replaced v...**
- ↳ 2 Replaced v...**
- Duplicated ...
- ABC 123 Changed c...

Data destination

25

The formula should now be:
[end] - [start]

Click "OK"

raw_2025_europe_sessions

raw_2025_europe_sessions

Custom column ?

Add a column that is computed from other columns or values.

Describe what you'd like to do

New column name * Duration

Custom column formula * ?

```
= [end] - [start]
```

Available column(s)

- session_id
- title
- detail_url
- start**
- end
- level
- topic

Insert column

Learn more about Power Query formulas

OK Cancel

Query settings

Name raw_2025_europe_sessions

Applied steps

- Source
- Navigation 1
- Navigation 2
- Navigation 3
- ↳ 2 Replaced v...**
- ↳ 2 Replaced v...**
- ↳ 2 Replaced v...**
- Duplicated ...
- ABC 123 Changed c...

Data destination

26 Click the ABC123 icon to change the type.

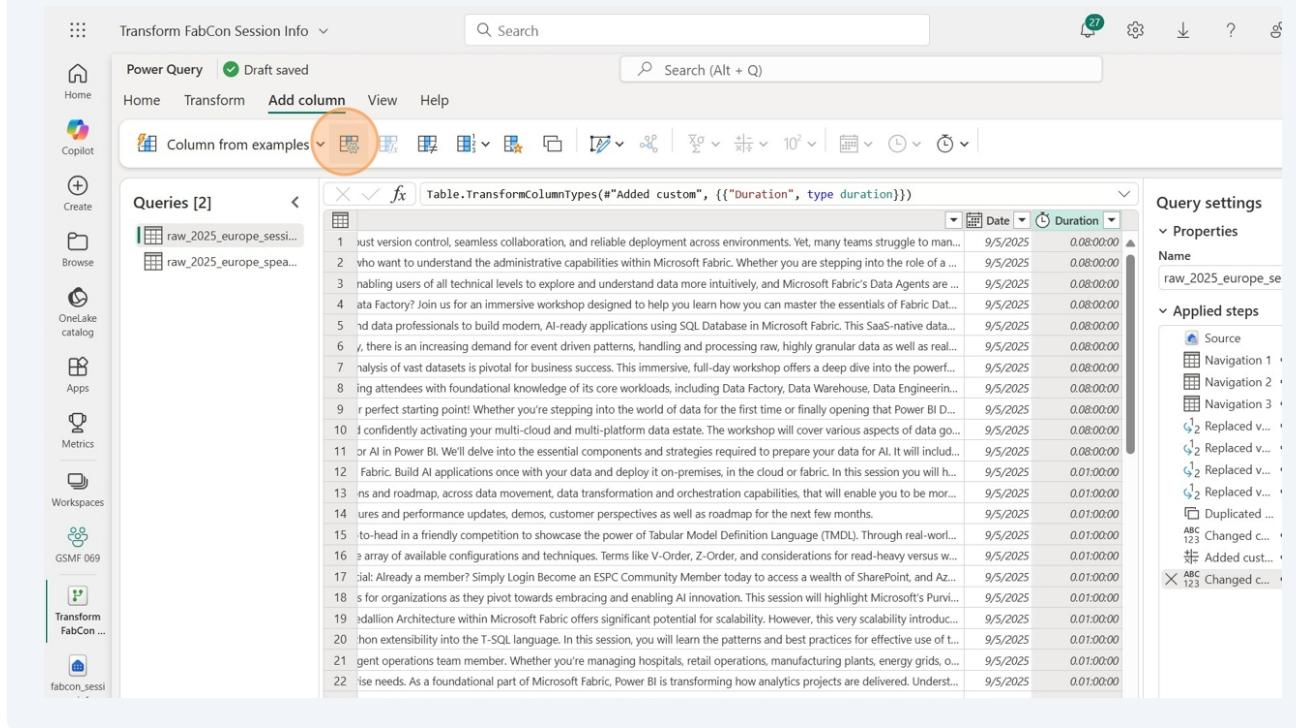
The screenshot shows the Power Query Editor interface. A table is open with two columns: 'Date' and 'Duration'. The 'Duration' column contains several entries such as '9/5/2025 0.08:00:00'. In the top right corner of the 'Duration' header, there is a small orange circle containing the 'ABC123' icon. This icon is used to change the data type of the column. The 'Applied steps' pane on the right shows various steps taken on the query, including 'ABC123 Changed ...'.

27 Select "Duration"

This screenshot shows the same Power Query Editor interface as the previous one, but now the 'Duration' column is selected. A dropdown menu is open over the column header, listing various data types. The 'Duration' option is highlighted with a red circle. Other options visible in the dropdown include 'Decimal number', 'Currency', 'Whole number', 'Percentage', 'Text', 'True/False', and 'Binary'. The 'Applied steps' pane on the right remains the same, showing the history of changes made to the query.

28

Now we'll add another custom column to get the day name of the session. Click "Add column" and then "custom column" again.



The screenshot shows the Microsoft Power Query Editor interface. The ribbon at the top has 'Add column' selected. A orange circle highlights the 'Column from examples' button in the toolbar. The main area displays a query named 'Table.TransformColumnTypes("Added custom", {"Duration", type duration})'. The 'Query settings' pane on the right shows various steps applied to the query, including 'Source', 'Navigation 1', 'Navigation 2', 'Navigation 3', and several steps starting with 'Replaced v...' and 'Added cust...'. The data table contains 22 rows of session information, including dates and durations.

| Index | Description | Date | Duration |
|-------|---|----------|------------|
| 1 | Just version control, seamless collaboration, and reliable deployment across environments. Yet, many teams struggle to man... | 9/5/2025 | 0.08:00:00 |
| 2 | who want to understand the administrative capabilities within Microsoft Fabric. Whether you are stepping into the role of a ... | 9/5/2025 | 0.08:00:00 |
| 3 | nabling users of all technical levels to explore and understand data more intuitively, and Microsoft Fabric's Data Agents are ... | 9/5/2025 | 0.08:00:00 |
| 4 | ata Factory? Join us for an immersive workshop designed to help you learn how you can master the essentials of Fabric Dat... | 9/5/2025 | 0.08:00:00 |
| 5 | nd data professionals to build modern, AI-ready applications using SQL Database in Microsoft Fabric. This SaaS-native data... | 9/5/2025 | 0.08:00:00 |
| 6 | , there is an increasing demand for event driven patterns, handling and processing raw, highly granular data as well as real... | 9/5/2025 | 0.08:00:00 |
| 7 | alysis of vast datasets is pivotal for business success. This immersive, full-day workshop offers a deep dive into the power... | 9/5/2025 | 0.08:00:00 |
| 8 | ing attendees with foundational knowledge of its core workloads, including Data Factory, Data Warehouse, Data Engineerin... | 9/5/2025 | 0.08:00:00 |
| 9 | r perfect starting point! Whether you're stepping into the world of data for the first time or finally opening that Power BI D... | 9/5/2025 | 0.08:00:00 |
| 10 | J confidently activating your multi-cloud and multi-platform data estate. The workshop will cover various aspects of data go... | 9/5/2025 | 0.08:00:00 |
| 11 | or AI in Power BI. We'll dive into the essential components and strategies required to prepare your data for AI. It will includ... | 9/5/2025 | 0.08:00:00 |
| 12 | Fabric Build AI applications once with your data and deploy it on-premises, in the cloud or fabric. In this session you will h... | 9/5/2025 | 0.01:00:00 |
| 13 | ns and roadmap, across data movement, data transformation and orchestration capabilities, that will enable you to be mor... | 9/5/2025 | 0.01:00:00 |
| 14 | ures and performance updates, demos, customer perspectives as well as roadmap for the next few months. | 9/5/2025 | 0.01:00:00 |
| 15 | to-head in a friendly competition to showcase the power of Tabular Model Definition Language (TMDL). Through real-wor... | 9/5/2025 | 0.01:00:00 |
| 16 | array of available configurations and techniques. Terms like V-Order, Z-Order, and considerations for read-heavy versus w... | 9/5/2025 | 0.01:00:00 |
| 17 | ial: Already a member? Simply Login Become an ESPC Community Member today to access a wealth of SharePoint, and Az... | 9/5/2025 | 0.01:00:00 |
| 18 | s for organizations as they pivot towards embracing and enabling AI innovation. This session will highlight Microsoft's Purvi... | 9/5/2025 | 0.01:00:00 |
| 19 | edallion Architecture within Microsoft Fabric offers significant potential for scalability. However, this very scalability introdu... | 9/5/2025 | 0.01:00:00 |
| 20 | hon extensibility into the T-SQL language. In this session, you will learn the patterns and best practices for effective use of t... | 9/5/2025 | 0.01:00:00 |
| 21 | gent operations team member. Whether you're managing hospitals, retail operations, manufacturing plants, energy grids, o... | 9/5/2025 | 0.01:00:00 |
| 22 | ise needs. As a foundational part of Microsoft Fabric, Power BI is transforming how analytics projects are delivered. Underst... | 9/5/2025 | 0.01:00:00 |

29

- Name the column "Day"
- Click the "Data type" dropdown and choose "Text."
- Click the formula field and type (or paste): "Date.DayOfWeekName("
- Double-click "Date"
- Make sure you close the parentheses.

Power Query Draft saved

Home Transform Add column View Help

Column from examples

Queries [2]

Custom column

Add a column that is computed from other columns or values.

Describe what you'd like to do

New column name * Custom

Custom column formula *

=

Available column(s)

- session_id
- title
- detail_url
- start
- end
- level
- topic

Insert column

OK Cancel

Query settings

Properties Name raw_2025_europe_sessions

Applied steps

- Source
- Navigation 1
- Navigation 2
- Navigation 3
- 1 Replaced v...
- 2 Replaced v...
- 2 Replaced v...
- Duplicated ...
- ABC Changed c...
- Added cust...
- ABC Changed c...

raw_2025_europe_sessions

Custom column

Add a column that is computed from other columns or values.

Describe what you'd like to do

New column name * Day

Custom column formula *

=

Data type

- 1.2 Decimal number
- \$ Currency
- 123 Whole number
- % Percentage
- Date/Time
- Date
- Time
- Date/Time/Zone
- Duration
- Text
- True/False
- 010 Binary

Learn more about Power Query formulas

Name raw_2025_europe_sessions

Applied steps

- Source
- Navigation 1
- Navigation 2
- Navigation 3
- 1 Replaced v...
- 2 Replaced v...
- 2 Replaced v...
- 2 Replaced v...
- Duplicated ...
- ABC Changed c...
- Added cust...
- ABC Changed c...

Data destination

No data destination

Screenshot of the Microsoft Power Query Editor interface showing the 'Custom column' dialog box.

Queries [2]

Table.TransformColumnTypes#"Added custom", {"Duration", type duration})

Custom column (?)

Add a column that is computed from other columns or values.

Describe what you'd like to do

New column name * Day

Data type Text

Custom column formula * =

Available column(s)

- session_id
- title
- detail_url
- start
- end
- level
- topic

Insert column

OK Cancel

Learn more about Power Query formulas

Properties

Name raw_2025_europe_sessions

Applied steps

- Source
- Navigation 1
- Navigation 2
- Navigation 3
- 1 Replaced v...
- 1 Replaced v...
- 1 Replaced v...
- 1 Replaced v...
- Duplicated ...
- ABC 123 Changed c...
- ABC Added cust...
- X ABC 123 Changed c...

Screenshot of the Microsoft Power Query Editor interface showing the 'Custom column' dialog box.

Custom column (?)

Add a column that is computed from other columns or values.

Describe what you'd like to do

New column name * Day

Data type Text

Custom column formula * = Date.DayOfWeekName()

Available column(s)

- code
- speakers
- conf_id
- conference
- description
- Date
- Duration

Insert column

OK Cancel

Learn more about Power Query formulas

Properties

Name raw_2025_europe_sessions

Applied steps

- Source
- Navigation 1
- Navigation 2
- Navigation 3
- 1 Replaced v...
- 1 Replaced v...
- 1 Replaced v...
- 1 Replaced v...
- Duplicated ...
- ABC 123 Changed c...
- ABC Added cust...
- X ABC 123 Changed c...

Data destination

No data destination

30

The final formula should now be:
Date.DayOfWeekName([Date])

Click "OK"

Custom column

Add a column that is computed from other columns or values.

New column name * Day

Custom column formula * = Date.DayOfWeekName([Date])

Data type Text

Available column(s)

- code
- speakers
- conf_id
- conference
- description
- Date
- Duration

Insert column

Learn more about Power Query formulas

OK Cancel

Completed (0.99 s) Columns: 15 Rows: 99+ Add default destination...

31

We'll add one more custom column to get the day of week number for sorting purposes. Click the new "Custom column" button again.

Transform FabCon Session Info

Power Query Draft saved

Home Transform Add column View Help

Column from examples

Custom column.

Quer Create a new column based on other columns, or a custom expression.

raw_2025_europe_spea...

| | Date | Duration | ABC Day |
|----|----------|------------|---------|
| 1 | 9/5/2025 | 0.08:00:00 | Friday |
| 2 | 9/5/2025 | 0.08:00:00 | Friday |
| 3 | 9/5/2025 | 0.08:00:00 | Friday |
| 4 | 9/5/2025 | 0.08:00:00 | Friday |
| 5 | 9/5/2025 | 0.08:00:00 | Friday |
| 6 | 9/5/2025 | 0.08:00:00 | Friday |
| 7 | 9/5/2025 | 0.08:00:00 | Friday |
| 8 | 9/5/2025 | 0.08:00:00 | Friday |
| 9 | 9/5/2025 | 0.08:00:00 | Friday |
| 10 | 9/5/2025 | 0.08:00:00 | Friday |
| 11 | 9/5/2025 | 0.08:00:00 | Friday |
| 12 | 9/5/2025 | 0.01:00:00 | Friday |
| 13 | 9/5/2025 | 0.01:00:00 | Friday |
| 14 | 9/5/2025 | 0.01:00:00 | Friday |
| 15 | 9/5/2025 | 0.01:00:00 | Friday |
| 16 | 9/5/2025 | 0.01:00:00 | Friday |
| 17 | 9/5/2025 | 0.01:00:00 | Friday |
| 18 | 9/5/2025 | 0.01:00:00 | Friday |
| 19 | 9/5/2025 | 0.01:00:00 | Friday |
| 20 | 9/5/2025 | 0.01:00:00 | Friday |
| 21 | 9/5/2025 | 0.01:00:00 | Friday |
| 22 | 9/5/2025 | 0.01:00:00 | Friday |

Query settings

Name raw_2025_europe_se

Applied steps

- Source
- Navigation 1
- Navigation 2
- Navigation 3
- ↳ Replaced v...
- ↳ Replaced v...
- ↳ Replaced v...
- Duplicated ...
- ABC 123 Changed ...
- Added cust...
- ABC 123 Changed ...
- Added cust...

32

Name the new column "DayNum" and choose the "Whole number" data type.

The screenshot shows the Power Query Editor interface. A 'Custom column' dialog is open, prompting the user to describe the column and providing fields for the new column name ('DayNum') and custom formula ('= Date.DayOfWeek([Date])'). The 'Data type' dropdown menu is open, with '123 Whole number' selected and highlighted by an orange circle. The background shows a list of rows from a table named 'Table.TransformColumnTypes(Table.AddColumn(#"Changed column type 1", "Day", each Date.DayOfWeekName))'.

33

The new formula should be:
Date.DayOfWeek([Date])

Click "OK"

The screenshot shows the Power Query Editor interface after the formula has been entered. The 'Custom column' dialog now displays the formula '= Date.DayOfWeek([Date])' in the formula bar and 'Whole number' in the 'Data type' dropdown. The 'OK' button at the bottom of the dialog is highlighted with an orange circle. The right pane shows the 'Applied steps' list, and the bottom right corner shows the 'Data destination' section.

34

Finally, we need a column that just has the start times, not including the date. So we can duplicate the start column and transform the type. Click "start"

The screenshot shows the Power Query Editor interface. On the left, there's a navigation pane with various options like Home, Transform, Add column, View, Help, Column from examples, and a search bar. The main area is titled 'Transform FabCon Session Info'. It shows a table with four columns: 'start', 'end', 'level', and 'topic'. The 'start' column is highlighted with a red circle. The table contains 22 rows of session data. To the right, there's a 'Query settings' pane with sections for Properties (Name: raw_2025_europe_ses...) and Applied steps (listing several steps including 'Source', 'Navigation 1', 'Navigation 2', 'Navigation 3', and 'Added cust...').

| | start | end | level | topic |
|----|-----------------------|-----------------------|--------------------------|------------------------|
| 1 | 9/5/2025, 9:00:00 AM | 9/5/2025, 5:00:00 PM | 300 - Technical | OneLake |
| 2 | 9/5/2025, 9:00:00 AM | 9/5/2025, 5:00:00 PM | 300 - Technical | Admin & Governance |
| 3 | 9/5/2025, 9:00:00 AM | 9/5/2025, 5:00:00 PM | 300 - Technical | Data Science |
| 4 | 9/5/2025, 9:00:00 AM | 9/5/2025, 5:00:00 PM | 100 - Business Level | Data Integration |
| 5 | 9/5/2025, 9:00:00 AM | 9/5/2025, 5:00:00 PM | 300 - Technical | SQL In Fabric |
| 6 | 9/5/2025, 9:00:00 AM | 9/5/2025, 5:00:00 PM | 300 - Technical | Real-Time Intelligence |
| 7 | 9/5/2025, 9:00:00 AM | 9/5/2025, 5:00:00 PM | 300 - Technical | Data Warehousing |
| 8 | 9/5/2025, 9:00:00 AM | 9/5/2025, 5:00:00 PM | 100 - Business Level | Data Dev |
| 9 | 9/5/2025, 9:00:00 AM | 9/5/2025, 5:00:00 PM | 100 - Business Level | Power BI |
| 10 | 9/5/2025, 9:00:00 AM | 9/5/2025, 5:00:00 PM | 300 - Technical | Microsoft Purview |
| 11 | 9/5/2025, 9:00:00 AM | 9/5/2025, 5:00:00 PM | 300 - Technical | Power BI |
| 12 | 9/5/2025, 10:30:00 AM | 9/5/2025, 11:30:00 AM | 200 - Feature Orientated | SQL In Fabric |
| 13 | 9/5/2025, 10:30:00 AM | 9/5/2025, 11:30:00 AM | 100 - Business Level | Data Integration |
| 14 | 9/5/2025, 10:30:00 AM | 9/5/2025, 11:30:00 AM | 100 - Business Level | Data Warehousing |
| 15 | 9/5/2025, 10:30:00 AM | 9/5/2025, 11:30:00 AM | 200 - Feature Orientated | Power BI |
| 16 | 9/5/2025, 10:30:00 AM | 9/5/2025, 11:30:00 AM | 300 - Technical | Data Engineering |
| 17 | 9/5/2025, 10:30:00 AM | 9/5/2025, 11:30:00 AM | 300 - Advanced | Azure AI Foundry |
| 18 | 9/5/2025, 10:30:00 AM | 9/5/2025, 11:30:00 AM | 200 - Feature Orientated | Microsoft Purview |
| 19 | 9/5/2025, 10:30:00 AM | 9/5/2025, 11:30:00 AM | 300 - Technical | Data Engineering |
| 20 | 9/5/2025, 10:30:00 AM | 9/5/2025, 11:30:00 AM | 300 - Technical | Data Warehousing |
| 21 | 9/5/2025, 10:30:00 AM | 9/5/2025, 11:30:00 AM | 200 - Intermediate | Data |
| 22 | 9/5/2025, 12:00:00 PM | 9/5/2025, 1:00:00 PM | 200 - Feature Orientated | Power BI |

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- Right-click the title in the "start" column
- Click "Duplicate column"
- In the formula bar at the top, highlight the words "start - Copy" because this will be the new column's name.
- Replace it with "start time" and click the checkmark to the left of the formula bar to set it.
- Click the datatype icon to the left of the column name to change it.
- Click the "Time" datatype

Transform FabCon Session Info

Power Query Draft saved

Home Transform Add column View Help

Column from examples

Queries [2]

raw_2025_europe_sess... raw_2025_europe_spea...

| | start | end | level | topic |
|----|-----------------------|-----------------------|--------------------------|------------------------|
| 1 | 9/5/2025, 9:00:00 AM | 9/5/2025, 5:00:00 PM | 300 - Technical | OneLake |
| 2 | 9/5/2025, 9:00:00 AM | 9/5/2025, 5:00:00 PM | 300 - Technical | Admin & Governance |
| 3 | 9/5/2025, 9:00:00 AM | 9/5/2025, 5:00:00 PM | 300 - Technical | Data Science |
| 4 | 9/5/2025, 9:00:00 AM | 9/5/2025, 5:00:00 PM | 100 - Business Level | Data Integration |
| 5 | 9/5/2025, 9:00:00 AM | 9/5/2025, 5:00:00 PM | 300 - Technical | SQL in Fabric |
| 6 | 9/5/2025, 9:00:00 AM | 9/5/2025, 5:00:00 PM | 300 - Technical | Real-Time Intelligence |
| 7 | 9/5/2025, 9:00:00 AM | 9/5/2025, 5:00:00 PM | 300 - Technical | Data Warehousing |
| 8 | 9/5/2025, 9:00:00 AM | 9/5/2025, 5:00:00 PM | 100 - Business Level | Data Dev |
| 9 | 9/5/2025, 9:00:00 AM | 9/5/2025, 5:00:00 PM | 100 - Business Level | Power BI |
| 10 | 9/5/2025, 9:00:00 AM | 9/5/2025, 5:00:00 PM | 300 - Technical | Microsoft Purview |
| 11 | 9/5/2025, 9:00:00 AM | 9/5/2025, 5:00:00 PM | 300 - Technical | Power BI |
| 12 | 9/5/2025, 10:30:00 AM | 9/5/2025, 11:30:00 AM | 200 - Feature Orientated | SQL In Fabric |
| 13 | 9/5/2025, 10:30:00 AM | 9/5/2025, 11:30:00 AM | 100 - Business Level | Data Integration |
| 14 | 9/5/2025, 10:30:00 AM | 9/5/2025, 11:30:00 AM | 100 - Business Level | Data Warehousing |
| 15 | 9/5/2025, 10:30:00 AM | 9/5/2025, 11:30:00 AM | 200 - Feature Orientated | Power BI |
| 16 | 9/5/2025, 10:30:00 AM | 9/5/2025, 11:30:00 AM | 300 - Technical | Data Engineering |
| 17 | 9/5/2025, 10:30:00 AM | 9/5/2025, 11:30:00 AM | 300 - Advanced | Azure AI Foundry |
| 18 | 9/5/2025, 10:30:00 AM | 9/5/2025, 11:30:00 AM | 200 - Feature Orientated | Microsoft Purview |
| 19 | 9/5/2025, 10:30:00 AM | 9/5/2025, 11:30:00 AM | 300 - Technical | Data Engineering |
| 20 | 9/5/2025, 10:30:00 AM | 9/5/2025, 11:30:00 AM | 300 - Technical | Data Warehousing |
| 21 | 9/5/2025, 10:30:00 AM | 9/5/2025, 11:30:00 AM | 200 - Intermediate | Data |
| 22 | 9/5/2025, 12:00:00 PM | 9/5/2025, 1:00:00 PM | 200 - Feature Orientated | Power BI |

Query settings

- Properties
- Name: raw_2025_europe_sess...
- Applied steps

 - Source
 - Navigation 1
 - Navigation 2
 - Navigation 3
 - Replaced v...
 - Replaced v...
 - Replaced v...
 - Replaced v...
 - Duplicated ...
 - ABC 123 Changed c...
 - Added cust...
 - ABC 123 Changed c...
 - Added cust...
 - Added cust...
 - Added cust...
 - Added cust...

Transform FabCon Session Info

Power Query Draft saved

Home Transform Add column View Help

Column from examples

Queries [2]

raw_2025_europe_sess... raw_2025_europe_spea...

| | start | level | topic |
|----|----------|--------------------|------------------------|
| 1 | 9/5/2025 | Technical | OneLake |
| 2 | 9/5/2025 | Technical | Admin & Governance |
| 3 | 9/5/2025 | Technical | Data Science |
| 4 | 9/5/2025 | Business Level | Data Integration |
| 5 | 9/5/2025 | Technical | SQL in Fabric |
| 6 | 9/5/2025 | Technical | Real-Time Intelligence |
| 7 | 9/5/2025 | Technical | Data Warehousing |
| 8 | 9/5/2025 | Business Level | Data Dev |
| 9 | 9/5/2025 | Business Level | Power BI |
| 10 | 9/5/2025 | Technical | Microsoft Purview |
| 11 | 9/5/2025 | Technical | Power BI |
| 12 | 9/5/2025 | Feature Orientated | SQL In Fabric |
| 13 | 9/5/2025 | Business Level | Data Integration |
| 14 | 9/5/2025 | Business Level | Data Warehousing |
| 15 | 9/5/2025 | Feature Orientated | Power BI |
| 16 | 9/5/2025 | Technical | Data Engineering |
| 17 | 9/5/2025 | Advanced | Azure AI Foundry |
| 18 | 9/5/2025 | Feature Orientated | Microsoft Purview |
| 19 | 9/5/2025 | Technical | Data Engineering |
| 20 | 9/5/2025 | Technical | Data Warehousing |
| 21 | 9/5/2025 | Intermediate | Data |
| 22 | 9/5/2025 | Feature Orientated | Power BI |

Query settings

- Properties
- Name: raw_2025_europe_sessions
- Applied steps

 - Source
 - Navigation 1
 - Navigation 2
 - Navigation 3
 - Replaced v...
 - Replaced v...
 - Replaced v...
 - Replaced v...
 - Duplicated ...
 - ABC 123 Changed c...
 - Added cust...
 - ABC 123 Changed c...
 - Added cust...
 - Added cust...
 - Added cust...
 - Added cust...

Transform FabCon Session Info

Power Query Draft saved

Home Transform Add column View Help

Column from examples

Queries [2]

raw_2025_europe_sessions

raw_2025_europe_sessions

Table.DuplicateColumn("Added custom 2", "start", "start - copy")

| | Date | Duration | Avg Day | 123 DayNum | start - copy |
|----|----------|------------|---------|------------|-----------------------|
| 1 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9/5/2025, 9:00:00 AM |
| 2 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9/5/2025, 9:00:00 AM |
| 3 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9/5/2025, 9:00:00 AM |
| 4 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9/5/2025, 9:00:00 AM |
| 5 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9/5/2025, 9:00:00 AM |
| 6 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9/5/2025, 9:00:00 AM |
| 7 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9/5/2025, 9:00:00 AM |
| 8 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9/5/2025, 9:00:00 AM |
| 9 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9/5/2025, 9:00:00 AM |
| 10 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9/5/2025, 9:00:00 AM |
| 11 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9/5/2025, 9:00:00 AM |
| 12 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 9/5/2025, 10:30:00 AM |
| 13 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 9/5/2025, 10:30:00 AM |
| 14 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 9/5/2025, 10:30:00 AM |
| 15 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 9/5/2025, 10:30:00 AM |
| 16 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 9/5/2025, 10:30:00 AM |
| 17 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 9/5/2025, 10:30:00 AM |
| 18 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 9/5/2025, 10:30:00 AM |
| 19 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 9/5/2025, 10:30:00 AM |
| 20 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 9/5/2025, 10:30:00 AM |
| 21 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 9/5/2025, 10:30:00 AM |
| 22 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 9/5/2025, 12:00:00 PM |

Query settings

Name raw_2025_europe_sessions

Applied steps

- Source
- Navigation 1
- Navigation 2
- Navigation 3
- Replaced v...
- Replaced v...
- Replaced v...
- Replaced v...
- Duplicated ...
- ABC 123 Changed c...
- Added cust...
- ABC 123 Changed c...
- Added cust...
- Added cust...
- Duplicated ...

Transform FabCon Session Info

Power Query Draft saved

Home Transform Add column View Help

Column from examples

Queries [2]

raw_2025_europe_sessions

raw_2025_europe_sessions

Table.DuplicateColumn("Added custom 2", "start", "start time")

| | Date | Duration | Avg Day | 123 DayNum | start time |
|----|----------|------------|---------|------------|-----------------------|
| 1 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9/5/2025, 9:00:00 AM |
| 2 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9/5/2025, 9:00:00 AM |
| 3 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9/5/2025, 9:00:00 AM |
| 4 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9/5/2025, 9:00:00 AM |
| 5 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9/5/2025, 9:00:00 AM |
| 6 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9/5/2025, 9:00:00 AM |
| 7 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9/5/2025, 9:00:00 AM |
| 8 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9/5/2025, 9:00:00 AM |
| 9 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9/5/2025, 9:00:00 AM |
| 10 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9/5/2025, 9:00:00 AM |
| 11 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9/5/2025, 9:00:00 AM |
| 12 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 9/5/2025, 10:30:00 AM |
| 13 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 9/5/2025, 10:30:00 AM |
| 14 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 9/5/2025, 10:30:00 AM |
| 15 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 9/5/2025, 10:30:00 AM |
| 16 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 9/5/2025, 10:30:00 AM |
| 17 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 9/5/2025, 10:30:00 AM |
| 18 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 9/5/2025, 10:30:00 AM |
| 19 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 9/5/2025, 10:30:00 AM |
| 20 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 9/5/2025, 10:30:00 AM |
| 21 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 9/5/2025, 10:30:00 AM |
| 22 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 9/5/2025, 12:00:00 PM |

Query settings

Name raw_2025_europe_sessions

Applied steps

- Source
- Navigation 1
- Navigation 2
- Navigation 3
- Replaced v...
- Replaced v...
- Replaced v...
- Replaced v...
- Duplicated ...
- ABC 123 Changed c...
- Added cust...
- ABC 123 Changed c...
- Added cust...
- Added cust...
- Duplicated ...

The screenshot shows the Power Query Editor interface with the following details:

- Power Query** ribbon tab: Draft saved
- Home**, **Transform**, **Add column** (underlined), **View**, **Help**
- Column from examples** button
- Queries [2]**: raw_2025_europe_sessions, raw_2025_europe_sessions
- Table.DuplicateColumn** step applied to the "Added custom 2" column.
- Columns**:
 - 1 Deployment across environments. Yet, many teams struggle to man... (Text)
 - 2 thin Microsoft Fabric. Whether you are stepping into the role of a... (Text)
 - 3 tand data more intuitively, and Microsoft Fabric's Data Agents are ... (Text)
 - 4 to help you learn how you can master the essentials of Fabric Dat... (Text)
 - 5 ons using SQL Database in Microsoft Fabric. This SaaS-native data... (Text)
 - 6 , handling and processing raw, highly granular data as well as real... (Text)
 - 7 s immersive, full-day workshop offers a deep dive into the power... (Text)
 - 8 rkloads, including Data Factory, Data Warehouse, Data Engineerin... (Text)
 - 9 world of data for the first time or finally opening that Power BI... (Text)
 - 10 rm data estate. The workshop will cover various aspects of data go... (Text)
 - 11 ts and strategies required to prepare your data for AI. It will includ... (Text)
 - 12 loy it on-premises, in the cloud or fabric. In this session you will h... (Text)
 - 13 ion and orchestration capabilities that will enable you to be mor... (Text)
 - 14 tives as well as roadmap for the next few months. (Text)
 - 15 of Tabular Model Definition Language (TMDL). Through real-worl... (Text)
 - 16 like V-Order, Z-Order, and considerations for read-heavy versus w... (Text)
 - 17 mmunity Member today to access a wealth of SharePoint and Az... (Text)
 - 18 enabling AI innovation. This session will highlight Microsoft's Purvi... (Text)
 - 19 ant potential for scalability. However, this very scalability introduc... (Text)
 - 20 you will learn the patterns and best practices for effective use of t... (Text)
 - 21 y hospitals, retail operations, manufacturing plants, energy grids, o... (Text)
 - 22 ver BI is transforming how analytics projects are delivered. Understan... (Text)
 - 23 new capabilities emerging in, with, and around Fabric, the challeng... (Text)
 - 24 ember today to access a wealth of SharePoint, and Azure knowledg... (Text)
- Query settings** pane:
 - Properties**
 - Name**: raw_2025_europe_sessions
- Applied steps** pane:
 - Source
 - Navigation 1
 - Navigation 2
 - Navigation 3
 - ① Replaced v...
 - ② Replaced v...
 - ③ Replaced v...
 - ④ Replaced v...
 - Duplicated ...
 - ABC 123 Changed ...
 - ABC 123 Changed ...
 - ABC 123 Changed ...
 - Added cust...
 - Added cust...
 - Added cust...
 - Duplicated ...

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The lakehouse tables don't actually support the time datatype. So we will do a little workaround and change it back to date/time. This will have the intended effect of giving each time value the same date, which will allow us to show it in a Power BI report without being attached to a specific date. For the formatting in the report, we will hide the date part.

Click the "time" datatype to the left of the "start time" column header and select "Date/Time."

Transform FabCon Session Info

Power Query Draft saved

Search

Home Transform Add column View Help

Column from examples

Queries [2]

raw_2025_europe_sessions

raw_2025_europe_sessions

Table.TransformColumnTypes(#"Duplicated column 1", {"start time", type time})

| | Date | Duration | Avg Day | 123 DayNum | start time |
|----|----------|------------|---------|------------|-------------|
| 1 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9:00:00 AM |
| 2 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9:00:00 AM |
| 3 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9:00:00 AM |
| 4 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9:00:00 AM |
| 5 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9:00:00 AM |
| 6 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9:00:00 AM |
| 7 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9:00:00 AM |
| 8 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9:00:00 AM |
| 9 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9:00:00 AM |
| 10 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9:00:00 AM |
| 11 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 9:00:00 AM |
| 12 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 10:30:00 AM |
| 13 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 10:30:00 AM |
| 14 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 10:30:00 AM |
| 15 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 10:30:00 AM |
| 16 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 10:30:00 AM |
| 17 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 10:30:00 AM |
| 18 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 10:30:00 AM |
| 19 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 10:30:00 AM |
| 20 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 10:30:00 AM |
| 21 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 10:30:00 AM |
| 22 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 12:00:00 PM |

Query settings

Properties

Name raw_2025_europe_sessions

Applied steps

- Source
- Navigation 1
- Navigation 2
- Navigation 3
- Replaced v...
- Replaced v...
- Replaced v...
- Duplicated ...
- ABC 123 Changed c...
- Added cust...
- ABC 123 Changed c...
- Added cust...
- ABC 123 Changed c...
- Added cust...
- Duplicated ...
- X ABC 123 Changed c...

Transform FabCon Session Info v

Power Query Draft saved

Home Transform Add column View Help

Column from examples

Queries [2]

Table.TransformColumnType(#"Duplicated column 1", {"start time", type time})

| | Date | Duration | Day | DayNum | start time |
|----|----------|------------|------------|-----------------|-------------|
| 1 | 9/5/2025 | 0.08:00:00 | 1.2 | Decimal number | 9:00:00 AM |
| 2 | 9/5/2025 | 0.08:00:00 | \$ | Currency | 9:00:00 AM |
| 3 | 9/5/2025 | 0.08:00:00 | 12 | Whole number | 9:00:00 AM |
| 4 | 9/5/2025 | 0.08:00:00 | % | Percentage | 9:00:00 AM |
| 5 | 9/5/2025 | 0.08:00:00 | Date/Time | Date | 9:00:00 AM |
| 6 | 9/5/2025 | 0.08:00:00 | Date | Date | 9:00:00 AM |
| 7 | 9/5/2025 | 0.08:00:00 | Time | Date/Time/Zone | 9:00:00 AM |
| 8 | 9/5/2025 | 0.08:00:00 | Duration | Date/Time/Zone | 9:00:00 AM |
| 9 | 9/5/2025 | 0.08:00:00 | Duration | Date/Time/Zone | 9:00:00 AM |
| 10 | 9/5/2025 | 0.08:00:00 | 9:00:00 AM | Date/Time/Zone | 9:00:00 AM |
| 11 | 9/5/2025 | 0.08:00:00 | Text | Date/Time/Zone | 9:00:00 AM |
| 12 | 9/5/2025 | 0.01:00:00 | X | True/False | 10:30:00 AM |
| 13 | 9/5/2025 | 0.01:00:00 | 010 | Binary | 10:30:00 AM |
| 14 | 9/5/2025 | 0.01:00:00 | ABC | Using locale... | 10:30:00 AM |
| 15 | 9/5/2025 | 0.01:00:00 | 123 | Using locale... | 10:30:00 AM |
| 16 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 10:30:00 AM |
| 17 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 10:30:00 AM |
| 18 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 10:30:00 AM |
| 19 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 10:30:00 AM |
| 20 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 10:30:00 AM |
| 21 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 10:30:00 AM |
| 22 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 12:00:00 PM |

Query settings

Properties

Name raw_2025_europe_sessions

Applied steps

- Source
- Navigation 1
- Navigation 2
- Navigation 3
- 1 Replaced v...
- 2 Replaced v...
- 3 Replaced v...
- 4 Replaced v...
- Duplicated ...
- ABC Changed c...
- Added cust...
- ABC Changed c...
- Added cust...
- Added cust...
- Duplicated ...
- ABC Changed c...

37

Click "Add new step." If we chose "Replace current", it would end up keeping the original date attached, which we do not want. Be sure to click "Add new step."

Queues [2]

| | Date | Duration | Day | 1 ² 3 DayNum | start time |
|--|----------|------------|--------|-------------------------|-------------|
| 1 able deployment across environments. Yet, many teams struggle to man... | 9/5/2025 | 0:08:00:00 | Friday | 5 | 9:00:00 AM |
| 2 ies within Microsoft Fabric. Whether you are stepping into the role of a ... | 9/5/2025 | 0:08:00:00 | Friday | 5 | 9:00:00 AM |
| 3 nderstand data more intuitively, and Microsoft Fabric's Data Agents are ... | 9/5/2025 | 0:08:00:00 | Friday | 5 | 9:00:00 AM |
| 4 igned to help you learn how you can master the essentials of Fabric Dat... | 9/5/2025 | 0:08:00:00 | Friday | 5 | 9:00:00 AM |
| 5 ilications using SQL Database in Microsoft Fabric. This SaaS-native data... | 9/5/2025 | 0:08:00:00 | Friday | 5 | 9:00:00 AM |
| 6 lters, handling and processing raw, highly granular data as well as real... | 9/5/2025 | 0:08:00:00 | Friday | 5 | 9:00:00 AM |
| 7 is. This immersive, full-day workshop offers a deep dive into the powerf... | 9/5/2025 | 0:08:00:00 | Friday | 5 | 9:00:00 AM |
| 8 re workloads, including Data Factory, Data Warehouse, Data Engineerin... | 9/5/2025 | 0:08:00:00 | Friday | 5 | 9:00:00 AM |
| 9 to the world of | | | | | 9:00:00 AM |
| 10 latform data e | | | | | 9:00:00 AM |
| 11 nponents and str | | | | | 10:30:00 AM |
| 12 d deploy it on | | | | | 10:30:00 AM |
| 13 formation and | | | | | 10:30:00 AM |
| 14 pterviews as w | | | | | 10:30:00 AM |
| 15 ower of Tabula | | | | | 10:30:00 AM |
| 16 rms like V-Or | | | | | 10:30:00 AM |
| 17 PC Community | | | | | 10:30:00 AM |
| 18 j and enabling AI innovation. This session will highlight Microsoft's Purv... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 10:30:00 AM |
| 19 ignificant potential for scalability. However, this very scalability introdu... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 10:30:00 AM |
| 20 sion, you will learn the patterns and best practices for effective use of t... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 10:30:00 AM |
| 21 aging hospitals, retail operations, manufacturing plants, energy grids, o... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 10:30:00 AM |
| 22 C Power BI is transforming how analytics projects are delivered. Underst... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 12:00:00 PM |
| 23 many new capabilities emerging in, with, and around Fabric; the challeng... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 12:00:00 PM |
| 24 ity Member today to access a wealth of SharePoint, and Azure knowledg... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 12:00:00 PM |
| 25 I share the latest announcements and explore how you can use Service...r... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 12:00:00 PM |
| 26 rectly. You might be the new Fabric administrator in your organisation a... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 12:00:00 PM |
| 27 leployment patterns and tools available to build an end-to-end automati... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 12:00:00 PM |
| 28 tems or the lack of robust business logic and requirements, resulting in ... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 12:00:00 PM |
| 29 tic Data Management. In this session, we'll explore how autonomous aq... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 12:00:00 PM |
| 30 lable data foundation has become critical. Azure Cosmos DB, available ... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 12:00:00 PM |
| 31 me and more secure – updating data within a few minutes. Dataverse m... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 12:00:00 PM |
| 32 ou with the necessary tools and insights to navigate these discussions of | 9/5/2025 | 0:01:00:00 | Friday | 5 | 12:00:00 PM |

Change column type

The selected column has an existing type conversion. Would you like to replace the existing conversion, or preserve the existing conversion and add the new conversion as a separate step?

Replace current Add new step Cancel

Query settings

Properties

Name: raw_2025_europe_sessions

Applied steps

- Source
- Navigation 1
- Navigation 2
- Navigation 3
- ① Replaced v...
- ② Replaced v...
- ③ Replaced v...
- Duplicated ...
- ABC 123 Changed c...
- Added cust...
- Added cust...
- Duplicated ...
- ABC 123 Changed c...
- Added cust...
- Added cust...
- Duplicated ...
- ABC 123 Changed c...

Data destination

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Scroll around and admire your handiwork! You just did some nice clean-up transformations.

The screenshot shows the Microsoft Power Query Editor interface. On the left, the 'Applied steps' pane is visible, listing various transformations such as 'Replaced v...', 'Added cust...', and 'Duplicated ...'. A red circle highlights the 'Applied steps' section. The main area displays a table titled 'Table.TransformColumnTypes("#changed column type 2", {"start time", type datetime})'. The table has columns: Date, Duration, Day, DayNum, and start time. The data consists of 33 rows of speaker session details, including start times like '9/5/2025 0.08:00:00 Friday' and end times like '5 12/30/1899, 9:00:00 AM'. At the bottom of the table, a red circle highlights the '33' indicating the number of rows. The bottom right corner of the editor window also has a red circle.

Transform the speaker data

39 Click "raw_2025_europe_speakers" in the Queries pane.

The screenshot shows the Power Query Editor interface. On the left, there's a sidebar with various icons for Copilot, Create, Browse, OneLake catalog, Apps, Metrics, Workspaces, and Transform FabCon. The main area is titled 'Transform FabCon Session Info' and shows the 'Power Query' tab is active. In the center, the 'Queries [2]' pane lists two items: 'raw_2025_europe_sessions' and 'raw_2025_europe_speakers'. The 'raw_2025_europe_speakers' item is highlighted with a red oval. To the right, the 'Query settings' pane is open, showing 'Properties' and 'Applied steps' sections. The 'Applied steps' section contains several steps, including 'Source', 'Navigation 1', 'Navigation 2', 'Navigation 3', and others.

40 In the raw speakers table we have three columns. But we can see that for MVPs, sometimes the MVP designation is in the speaker_name column and other times it's in the speaker_affiliation column. We'll clean that up in the next few steps.

The screenshot shows the Power Query Editor interface. On the left, there's a sidebar with various icons for Copilot, Create, Browse, OneLake catalog, Apps, Metrics, Workspaces, and Transform FabCon. The main area is titled 'Transform FabCon Session Info' and shows the 'Power Query' tab is active. In the center, the 'Queries [2]' pane lists the 'raw_2025_europe_speakers' item. To the right, the 'Query settings' pane is open, showing 'Properties' and 'Applied steps' sections. The 'Applied steps' section contains several steps, including 'Source', 'Navigation 1', 'Navigation 2', 'Navigation 3', and others.

| session_id | speaker_name | speaker_affiliation |
|------------|-----------------------------|--------------------------------|
| 1 | Daniel Coelho | Microsoft |
| 2 | Ester Kot | Clouds on Mars , United States |
| 3 | Just Blaibæk MVP | twoday kapacity |
| 4 | Asgeir Gunnarsson MVP | North Insights ApS. |
| 5 | Lars Andersen | Microsoft |
| 6 | Shreyas Canchi Radhakrishna | Microsoft |
| 7 | Markus Cozowicz | Microsoft |
| 8 | Mariaki Ketema | Microsoft |
| 9 | Eran Benayun | Microsoft |
| 10 | Wilson Lee | Microsoft |
| 11 | Idris Motiwala | Microsoft |
| 12 | Strahinja Rodic | Microsoft |
| 13 | Neel Ball | Microsoft |
| 14 | Devang Shah | Microsoft |
| 15 | Sander van de Velde MVP | SDG Group |
| 16 | Srdjan Matin | Microsoft |
| 17 | Filip Popović | Microsoft |
| 18 | Artur Vieira | Microsoft |
| 19 | Stephanie Bruno MVP | Data Witches |
| 20 | Santhana Lakshmi Ponnurasan | Santhana Lakshmi Ponnurasan |
| 21 | Darren Portillo | Microsoft |
| 22 | Sita Dontharaju | Microsoft |
| 23 | Liz Cox | Microsoft |
| 24 | Mohammad Ali | Microsoft |
| 25 | Sid Vemuri | Microsoft |
| 26 | Bob Ward | Microsoft |
| 27 | Priya Sathy | Microsoft |
| 28 | Wee Hyong Tok | Microsoft |

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We'll add a new Conditional column to let us know if the speaker is an MVP, Microsoft, or other. In the "Add column" section, find the button for a new Conditional column.

The screenshot shows the Microsoft Power Query Editor interface. The ribbon at the top has 'Power Query' selected. Below the ribbon, the 'Add column' tab is highlighted. A large orange circle highlights the 'Conditional column' icon in the toolbar, which is the fourth icon from the left. The main area displays a table of data with two columns: 'Index' and 'Speaker Information'. The right pane shows 'Query settings' and 'Applied steps'.

| Index | Speaker Information |
|-------|---------------------------------|
| 59 | 1030 Julie Koesmarno |
| 60 | 1030 Robert Bruckner |
| 61 | 1031 Traci Sewell |
| 62 | 1032 Jacinda Eng |
| 63 | 1033 Josh Caplan |
| 64 | 1033 Miquella de Boer |
| 65 | 1034 Nellie Gustafsson |
| 66 | 1034 Markus Weimer |
| 67 | 1035 Mohan Sankaran |
| 68 | 1035 Sid Jayadevan |
| 69 | 1036 Christian Henrik Reich |
| 70 | 1037 Peer Grennerup |
| 71 | 1038 Rick Xu |
| 72 | 1038 Arthi Ramasubramanian Iyer |
| 73 | 1039 Prasanna Pandian |
| 74 | 1039 Genis Campa |
| 75 | 1040 Ankur Gupta |
| 76 | 1040 Chris Lowe |
| 77 | 1040 Eric Melcher |
| 78 | 1040 Per Olav Marthinsen |
| 79 | 1041 Gaston Cru |
| 80 | 1041 Alev Rostan |

42

Click the "New column name" field we'll name it something like "designation." Then we'll add three conditions:

1. If the "speaker_name" contains "MVP" then "MVP"
2. If the "speaker_affiliation" contains "MVP" then "MVP"
3. If the "speaker_affiliation" contains "Microsoft" then "Microsoft"
4. Otherwise "Other"

Home Transform Add column View Help

Column from examples

Queries [2]

| session_id | speaker_name | speaker_affiliation |
|------------|--------------------------------|--------------------------|
| 58 | Theodorus Leonardus van Kra... | Microsoft |
| 59 | Julie Koesmarno | Microsoft, United States |
| 60 | Robert Bruckner | Microsoft, United States |
| 61 | Traci Sewell | Sewells Consulting |
| 62 | Jacinda Eng | Microsoft |

Add conditional column

Add a conditional column that is computed from the other columns or values.

New column name *

Column name * Operator * Value Then

Add clause

Else

OK Cancel

Home Transform Add column View Help

Column from examples

Queries [2]

| session_id | speaker_name | speaker_affiliation |
|------------|--------------------------------|--------------------------|
| 58 | Theodorus Leonardus van Kra... | Microsoft |
| 59 | Julie Koesmarno | Microsoft, United States |
| 60 | Robert Bruckner | Microsoft, United States |
| 61 | Traci Sewell | Sewells Consulting |
| 62 | Jacinda Eng | Microsoft |

Add conditional column

Add a conditional column that is computed from the other columns or values.

New column name *

Column name * Operator * Value Then ...

Add clause

Else

OK Cancel

Queries [2]

| i23 session_id | A _C speaker_name | A _C speaker_affiliation |
|----------------|-------------------------------------|------------------------------------|
| 58 | 1029 Theodorus Leonardus van Kra... | Microsoft |
| 59 | 1030 Julie Koesmarno | Microsoft, United States |
| 60 | 1030 Robert Bruckner | Microsoft, United States |
| 61 | 1031 Traci Sewell | Sewells Consulting |
| 62 | 1032 Jacinda Eng | Microsoft |

Add conditional column ?

Add a conditional column that is computed from the other columns or values.

New column name * designation

If *i23 session_id* **Operator *** equals *A_C speaker_name* Then *A_C speaker_affiliation*

Else *A_C speaker_name*

OK **Cancel**

Query settings

- Properties
- Name raw_2025_europe_spe...
- Applied steps

Data destination

Column from examples

Queries [2]

| i23 session_id | A _C speaker_name | A _C speaker_affiliation |
|----------------|-------------------------------------|------------------------------------|
| 58 | 1029 Theodorus Leonardus van Kra... | Microsoft |
| 59 | 1030 Julie Koesmarno | Microsoft, United States |
| 60 | 1030 Robert Bruckner | Microsoft, United States |
| 61 | 1031 Traci Sewell | Sewells Consulting |
| 62 | 1032 Jacinda Eng | Microsoft |

Add conditional column ?

Add a conditional column that is computed from the other columns or values.

New column name * designation

If *A_C speaker_name* **Operator *** equals *A_C speaker_name* Then *A_C speaker_affiliation*

Else *A_C speaker_name*

OK **Cancel**

Query settings

- Properties
- Name raw_2025_europe_spe...
- Applied steps

Screenshot of Power BI desktop showing the 'Add conditional column' dialog box.

Add conditional column

Add a conditional column that is computed from the other columns or values.

New column name * designation

If $\text{A}[\text{speaker_name}]$ Operator * equals Value ⓘ Enter a value Then Output ⓘ

Else ⓘ

Column name * $\text{A}[\text{speaker_name}]$ Operator * equals
does not equal
begins with
does not begin with
ends with
does not end with
contains
does not contain

OK Cancel

Completed (0.96 s) Columns: 3 Rows: 277 Add default destination...

Screenshot of Power BI desktop showing the 'Add conditional column' dialog box.

Add conditional column

Add a conditional column that is computed from the other columns or values.

New column name * designation

If $\text{A}[\text{speaker_name}]$ Operator * contains Value ⓘ Enter a value Then Output ⓘ ...

Else ⓘ

Column name * $\text{A}[\text{speaker_name}]$ Operator * contains
Value ⓘ Enter a value Then Output ⓘ ...

OK Cancel

Queries [2] # "Navigation 2"([{"Id": "raw_2025_europe_speakers", "ItemKind": "Table"}])[Data]

Query settings Properties Name raw_2025_europe_speakers Applied steps

Queries [2]

| | session_id | speaker_name | speaker_affiliation |
|----|------------|--------------------------------|--------------------------|
| 58 | 1029 | Theodorus Leonardus van Kra... | Microsoft |
| 59 | 1030 | Julie Koesmarno | Microsoft, United States |
| 60 | 1030 | Robert Bruckner | Microsoft, United States |
| 61 | 1031 | Traci Sewell | Sewells Consulting |
| 62 | 1032 | Jacinda Eng | Microsoft |

Add conditional column ?

Add a conditional column that is computed from the other columns or values.

New column name * designation

If Operator * contains Value Then ...

Add clause

Else ...

OK Cancel

Query settings

- Properties
 - Name raw_2025_europe_speake...
- Applied steps
 - Action 1
 - Action 2
 - Action 3

Queries [2]

| | session_id | speaker_name | speaker_affiliation |
|----|------------|--------------------------------|--------------------------|
| 58 | 1029 | Theodorus Leonardus van Kra... | Microsoft |
| 59 | 1030 | Julie Koesmarno | Microsoft, United States |
| 60 | 1030 | Robert Bruckner | Microsoft, United States |
| 61 | 1031 | Traci Sewell | Sewells Consulting |
| 62 | 1032 | Jacinda Eng | Microsoft |

Add conditional column ?

Add a conditional column that is computed from the other columns or values.

New column name * designation

If Operator * contains Value Then ...

Add clause

Else ...

OK Cancel

Query settings

- Properties
 - Name raw_2025_europe_sp...
- Applied steps
 - Action 1
 - Action 2
 - Action 3

Data destination

Queries [2]

| session_id | speaker_name | speaker_affiliation |
|------------|--------------------------------|--------------------------|
| 58 | Theodorus Leonardus van Kra... | Microsoft |
| 59 | Julie Koesmarno | Microsoft, United States |
| 60 | Robert Bruckner | Microsoft, United States |
| 61 | Traci Sewell | Sewells Consulting |

Add conditional column ?

Add a conditional column that is computed from the other columns or values.

New column name * designation

If contains Then

Else if equals Then

Add clause

Else

OK **Cancel**

| session_id | speaker_name | speaker_affiliation |
|------------|----------------------|--------------------------|
| 59 | 1030 Julie Koesmarno | Microsoft, United States |
| 60 | 1030 Robert Bruckner | Microsoft, United States |
| 61 | 1031 Traci Sewell | Sewells Consulting |

Add conditional column ?

Add a conditional column that is computed from the other columns or values.

New column name * designation

If contains Then

Else if equals Then

Add

Else

OK **Cancel**

Completed (0.96 s) Columns: 3 Rows: 277

Queries [2]

| session_id | speaker_name | speaker_affiliation |
|------------|-------------------------------|--------------------------|
| 58 | Theodoor Leonardus van Kra... | Microsoft |
| 59 | 1030 Julie Koesmarno | Microsoft, United States |
| 60 | 1030 Robert Bruckner | Microsoft, United States |
| 61 | 1031 Traci Sewell | Sewells Consulting |

Add conditional column

Add a conditional column that is computed from the other columns or values.

New column name * designation

If $\text{A}_C \text{ speaker_name}$ contains MVP Then $\text{A}_C \text{ MVP}$

Else if $\text{A}_C \text{ speaker_affiliat...}$ equals Enter a value Then $\text{A}_C \text{ } \dots$

Output $\text{A}_C \text{ MVP}$

OK **Cancel**

raw_2025_europe_spea...

| session_id | speaker_name | speaker_affiliation |
|------------|----------------------|--------------------------|
| 59 | 1030 Julie Koesmarno | Microsoft, United States |
| 60 | 1030 Robert Bruckner | Microsoft, United States |
| 61 | 1031 Traci Sewell | Sewells Consulting |

Add conditional column

Add a conditional column that is computed from the other columns or values.

New column name * designation

If $\text{A}_C \text{ speaker_name}$ contains MVP Then $\text{A}_C \text{ MVP}$

Else if $\text{A}_C \text{ speaker_affiliat...}$ equals Enter a value Then $\text{A}_C \text{ } \dots$

Output $\text{A}_C \text{ MVP}$

OK **Cancel**

raw_2025_europe_spea...

| session_id | speaker_name | speaker_affiliation |
|------------|----------------------|--------------------------|
| 59 | 1030 Julie Koesmarno | Microsoft, United States |
| 60 | 1030 Robert Bruckner | Microsoft, United States |
| 61 | 1031 Traci Sewell | Sewells Consulting |

Completed (0.96 s) Columns: 3 Rows: 277

Add default destination...

Queries [2] # "Navigation 2" {[Id = "raw_2025_europe_speakers", ItemKind = "Table"]} [Data]

| | session_id | speaker_name | speaker_affiliation |
|----|------------|--------------------------------|--------------------------|
| 58 | 1029 | Theodorus Leonardus van Kra... | Microsoft |
| 59 | 1030 | Julie Koesmarno | Microsoft, United States |
| 60 | 1030 | Robert Bruckner | Microsoft, United States |
| 61 | 1031 | Traci Sewell | Sewells Consulting |

Query settings >
Properties
Name
raw_2025_europe_speake...

Add conditional column

Add a conditional column that is computed from the other columns or values.

New column name * designation

Column name * If contains Value Then Output MVP

Else if contains Value Enter a value Then ...

Else

Add clause

OK **Cancel**

Designation

| | session_id | speaker_name | speaker_affiliation |
|----|------------|-------------------|---|
| 80 | 1041 | Alex Rostan | Slalom |
| 81 | 1042 | Sean Lally | The Lean Learning Professional, Ireland |
| 82 | 1043 | Mike Carlo | MVP, PowerBItips |
| 83 | 1043 | Sujata Narayana | Microsoft |
| 84 | 1044 | Justyna Lucznik | Microsoft |
| 85 | 1045 | Yitzhak Kesselman | Microsoft |
| 86 | 1045 | Tessa Kloster | Microsoft |
| 87 | 1046 | Sara Vredevoogd | Microsoft |

Queries [2] # "Navigation 2" {[Id = "raw_2025_europe_speakers", ItemKind = "Table"]} [Data]

| | session_id | speaker_name | speaker_affiliation |
|----|------------|--------------------------------|--------------------------|
| 58 | 1029 | Theodorus Leonardus van Kra... | Microsoft |
| 59 | 1030 | Julie Koesmarno | Microsoft, United States |
| 60 | 1030 | Robert Bruckner | Microsoft, United States |
| 61 | 1031 | Traci Sewell | Sewells Consulting |

Query settings >
Properties
Name
raw_2025_europe_speake...

Add conditional column

Add a conditional column that is computed from the other columns or values.

New column name * designation

Column name * If contains Value Then Output MVP

Else if contains Value Then ...

Else

Add clause

OK **Cancel**

Designation

| | session_id | speaker_name | speaker_affiliation |
|----|------------|-------------------|---|
| 80 | 1041 | Alex Rostan | Slalom |
| 81 | 1042 | Sean Lally | The Lean Learning Professional, Ireland |
| 82 | 1043 | Mike Carlo | MVP, PowerBItips |
| 83 | 1043 | Sujata Narayana | Microsoft |
| 84 | 1044 | Justyna Lucznik | Microsoft |
| 85 | 1045 | Yitzhak Kesselman | Microsoft |
| 86 | 1045 | Tessa Kloster | Microsoft |
| 87 | 1046 | Sara Vredevoogd | Microsoft |

Screenshot of the Power BI 'Add conditional column' dialog box.

Add conditional column

Add a conditional column that is computed from the other columns or values.

New column name * designation

| | | | |
|--|------------|------------|-----------------|
| Column name * | Operator * | Value ⓘ | Output ⓘ |
| If <i>A₁ speaker_name</i> | contains | <i>MVP</i> | Then <i>MVP</i> |
| Else if <i>A₂ speaker_affiliat...</i> | contains | <i>MVP</i> | Then <i>MVP</i> |
| Add clause | | | |
| Else ⓘ | | | |

OK Cancel

Below the dialog box, there is a preview of the data:

| | | | |
|----|------|-------------------|---|
| 80 | 1047 | Alex Kostan | Starom |
| 81 | 1042 | Sean Lally | The Lean Learning Professional, Ireland |
| 82 | 1043 | Mike Carlo | MVP, PowerBI.tips |
| 83 | 1043 | Sujata Narayana | Microsoft |
| 84 | 1044 | Justyna Lucznik | Microsoft |
| 85 | 1045 | Yitzhak Kesselman | Microsoft |
| 86 | 1045 | Tessa Kloster | Microsoft |
| 87 | 1046 | Sara Vredevoogd | Microsoft |
| 88 | 1046 | Maya Shenhav | Microsoft |
| 89 | 1047 | Bob Ward | Microsoft |

Screenshot of the Power BI 'Add conditional column' dialog box.

Add conditional column

Add a conditional column that is computed from the other columns or values.

New column name * designation

| | | | |
|--|------------|----------------------|---------------------------|
| Column name * | Operator * | Value ⓘ | Output ⓘ |
| If <i>A₁ speaker_name</i> | contains | <i>MVP</i> | Then <i>MVP</i> |
| Else if <i>A₂ speaker_affiliat...</i> | contains | <i>MVP</i> | Then <i>MVP</i> |
| Else if <i>i₂3 session_id</i> | equals | <i>Enter a value</i> | Then <i>Enter a value</i> |
| Add clause | | | |
| Else ⓘ | | | |

OK Cancel

Below the dialog box, there is a preview of the data:

| | | | |
|----|------|-------------------|---|
| 81 | 1042 | Sean Lally | The Lean Learning Professional, Ireland |
| 82 | 1043 | Mike Carlo | MVP, PowerBI.tips |
| 83 | 1043 | Sujata Narayana | Microsoft |
| 84 | 1044 | Justyna Lucznik | Microsoft |
| 85 | 1045 | Yitzhak Kesselman | Microsoft |
| 86 | 1045 | Tessa Kloster | Microsoft |
| 87 | 1046 | Sara Vredevoogd | Microsoft |
| 88 | 1046 | Maya Shenhav | Microsoft |

Add conditional column

Add a conditional column that is computed from the other columns or values.

New column name * designation

| | | | |
|--|------------|------------------------------------|-------------------------------|
| Column name * | Operator * | Value ⓘ | Output ⓘ |
| If $\text{A}_1 \text{ speaker_name}$ | contains | <input type="text"/> MVP | Then <input type="text"/> MVP |
| Else if $\text{A}_2 \text{ speaker_affiliat...}$ | contains | <input type="text"/> MVP | Then <input type="text"/> MVP |
| Else if $\text{A}_3 \text{ session_id}$ | equals | <input type="text"/> Enter a value | Then <input type="text"/> |
| Add $\text{A}_4 \text{ speaker_name}$ | | | |
| Else ⓘ $\text{A}_5 \text{ speaker_affiliation}$ | | | |
| <input type="button"/> <input type="button"/> <input type="button"/> | | | |

OK **Cancel**

Completed (0.96 s) Columns: 3 Rows: 277 Add default destination...

Queries [2]

raw_2025_europe_sessions
raw_2025_europe_speakers

Add conditional column

Add a conditional column that is computed from the other columns or values.

New column name * designation

| | | | |
|---|------------|------------------------------------|-------------------------------|
| Column name * | Operator * | Value ⓘ | Output ⓘ |
| If $\text{A}_1 \text{ speaker_name}$ | contains | <input type="text"/> MVP | Then <input type="text"/> MVP |
| Else if $\text{A}_2 \text{ speaker_affiliat...}$ | contains | <input type="text"/> MVP | Then <input type="text"/> MVP |
| Else if $\text{A}_3 \text{ speaker_affiliat...}$ | equals | <input type="text"/> Enter a value | Then <input type="text"/> |
| Add clause | | | |
| <input type="button"/> does not equal <input type="button"/> begins with <input type="button"/> does not begin with <input type="button"/> ends with <input type="button"/> does not end with <input type="button"/> contains <input type="button"/> does not contain | | | |
| <input type="button"/> <input type="button"/> <input type="button"/> | | | |

Query settings

Properties

Name raw_2025_europe_sp

Completed (0.96 s) Columns: 3 Rows: 277 Add default destination...

Browse raw_2025_europe_speakers

| | | | |
|----|------|-----------------|--------------------------|
| 59 | 1030 | Julie Koesmarno | Microsoft, United States |
| 60 | 1030 | Robert Bruckner | Microsoft, United States |

Add conditional column ?

Add a conditional column that is computed from the other columns or values.

New column name * designation

If contains Then

Else if contains Then

Else if equals Then

Else

Completed (0.96 s) Columns: 3 Rows: 277

Queries [2]

| | | |
|--------------------------|----|---|
| raw_2025_europe_sessions | fx | #"Navigation 2"{{Id = "raw_2025_europe_speakers", ItemKind = "Table"}}[data] |
| raw_2025_europe_speakers | | 1 2 session_id <input type="button" value="A>C speaker_name"/> <input type="button" value="A>C speaker_affiliation"/> |
| | | 58 1029 Theodorus Leonardus van Kra... Microsoft |
| | | 59 1030 Julie Koesmarno Microsoft, United States |
| | | 60 1030 Robert Bruckner Microsoft, United States |

Query settings

Properties

Name raw_2025_europe_speakers

Add conditional column ?

Add a conditional column that is computed from the other columns or values.

New column name * designation

If contains Then

Else if contains Then

Else if contains Then

Else

Completed (0.96 s) Columns: 3 Rows: 277

Queries [2]

| | session_id | speaker_name | speaker_affiliation |
|----|------------|--------------------------------|--------------------------|
| 58 | 7029 | Theodorus Leonardus van Kra... | Microsoft |
| 59 | 1030 | Julie Koesmarno | Microsoft, United States |
| 60 | 1030 | Robert Bruckner | Microsoft, United States |

Query settings

Add conditional column ?

Add a conditional column that is computed from the other columns or values.

New column name * designation

If contains Then

Else if contains Then

Else if contains Then

Output

Else

OK **Cancel**

| | session_id | speaker_name | speaker_affiliation |
|----|------------|-------------------|---|
| 81 | 1042 | Sean Lally | The Lean Learning Professional, Ireland |
| 82 | 1043 | Mike Carlo | MVP, PowerBI.tips |
| 83 | 1043 | Sujata Narayana | Microsoft |
| 84 | 1044 | Justyna Lucznik | Microsoft |
| 85 | 1045 | Yitzhak Kesselman | Microsoft |
| 86 | 1045 | Tessa Kloster | Microsoft |
| 87 | 1046 | Sara Vredevoogd | Microsoft |
| 88 | 1046 | Maya Shenhav | Microsoft |
| 89 | 1047 | Bob Ward | Microsoft |
| 90 | 1047 | Uros Milanovic | Microsoft |

Browse

- OneLake catalog
- Apps
- Metrics
- Workspaces
- GSMF 069
- Transform FabCon ...
- fabcon_sessi on_info
- fabcon_sessi on_info
- ...
- Power BI

raw_2025_europe_spe...

| | session_id | speaker_name | speaker_affiliation |
|----|------------|-----------------|--------------------------|
| 59 | 1030 | Julie Koesmarno | Microsoft, United States |
| 60 | 1030 | Robert Bruckner | Microsoft, United States |

Name raw_2025_europe_sp...

Add conditional column ?

Add a conditional column that is computed from the other columns or values.

New column name * designation

If contains Then

Else if contains Then

Else if contains Then

Output

Else

OK **Cancel**

| | session_id | speaker_name | speaker_affiliation |
|----|------------|-------------------|---|
| 81 | 1042 | Sean Lally | The Lean Learning Professional, Ireland |
| 82 | 1043 | Mike Carlo | MVP, PowerBI.tips |
| 83 | 1043 | Sujata Narayana | Microsoft |
| 84 | 1044 | Justyna Lucznik | Microsoft |
| 85 | 1045 | Yitzhak Kesselman | Microsoft |
| 86 | 1045 | Tessa Kloster | Microsoft |
| 87 | 1046 | Sara Vredevoogd | Microsoft |
| 88 | 1046 | Maya Shenhav | Microsoft |
| 89 | 1047 | Bob Ward | Microsoft |
| 90 | 1047 | Uros Milanovic | Microsoft |

Completed (0.96 s) Columns: 3 Rows: 277 [Add default destination...](#)

43 When you're finished it should look like this. Click "OK"

raw_2025_europe_spea... 59 1030 Julie Koesmarino Microsoft, United States Name raw_2025_europe_spea...

60 1030 Robert Bruckner Microsoft, United States

Add conditional column ?

Add a conditional column that is computed from the other columns or values.

New column name *

designation

Column name * Operator * Value ⓘ Output ⓘ

If B_C speaker_name contains MVP Then B_C MVP

Else if B_C speaker_affiliat... contains MVP Then B_C MVP

Else if B_C speaker_affiliat... contains Microsoft Then B_C Microsoft

Add clause

Else ⓘ B_C Other

OK Cancel

Completed (0.96 s) Columns: 3 Rows: 277 Data destination + No data destination Step

| Row | ID | Name | Description |
|-----|------|-------------------|---|
| 81 | 1042 | Sean Lally | The Lean Learning Professional, Ireland |
| 82 | 1043 | Mike Carlo | MVP, PowerBI.tips |
| 83 | 1043 | Sujata Narayana | Microsoft |
| 84 | 1044 | Justyna Lucznik | Microsoft |
| 85 | 1045 | Yitzhak Kesselman | Microsoft |
| 86 | 1045 | Tessa Kloster | Microsoft |
| 87 | 1046 | Sara Vredevoogd | Microsoft |
| 88 | 1046 | Maya Shenhav | Microsoft |
| 89 | 1047 | Bob Ward | Microsoft |
| 90 | 1047 | Uros Milanovic | Microsoft |

44 Convert the new designation column to the Text type.
Click "Text"

The screenshot shows the Microsoft Power Query Editor interface. The top navigation bar includes 'Transform FabCon Session Info', 'Search', and various icons. Below the bar, the status bar shows 'Power Query' and 'Draft saved'. The menu bar has 'Home', 'Transform', 'Add column' (underlined), 'View', and 'Help'. The ribbon below the menu bar contains icons for 'Column from examples', 'Navigation', 'Text', 'Date/Time', 'Calculated column', 'Calculated table', 'New table', 'New model', 'New connection', 'New query', 'New blank query', and 'New blank model'. The main area is titled 'Queries [2]' and lists two queries: 'raw_2025_europe_sess...' and 'raw_2025_europe_spea...'. A table view shows data with columns: session_id, speaker_name, speaker_affiliation, and designation. A dropdown menu is open over the 'designation' column, with the option 'Text.Contains([speaker_name], "MVP") then' highlighted. The right side of the screen displays 'Query settings' with sections for 'Properties' (Name: raw_2025_europe_speake...) and 'Applied steps' (Source, Navigation 1, Navigation 2, Navigation 3, Inserted co...). A large orange circle highlights the dropdown menu over the 'designation' column.

Queries [2]

Table.AddColumn(#"Navigation 3", "designation", each if Text.Contains([speaker_name], "MVP") then

| session_id | speaker_name | speaker_affiliation | designation |
|------------|-----------------------------|--------------------------------|-------------|
| 1000 | Daniel Coelho | Microsoft | Microsoft |
| 1000 | Esteria Kot | Clouds or Mars , United States | Other |
| 1001 | Just Blidbæk MVP | twoday kapacity | MVP |
| 1001 | Ásgaeir Gunnarsson MVP | North Insights ApS. | MVP |
| 1001 | Lars Andersen | Microsoft | Microsoft |
| 1002 | Shreyas Canchi Radhakrishna | Microsoft | Microsoft |
| 1002 | Markus Cozwicz | Microsoft | Microsoft |
| 1003 | Maraki Ketemi | Microsoft | Microsoft |
| 1003 | Eran Benayun | Microsoft | Microsoft |
| 1003 | Wilson Lee | Microsoft | Microsoft |
| 1004 | Idris Motiwala | Microsoft | Microsoft |
| 1004 | Strahinja Rodic | Microsoft | Microsoft |
| 1004 | Neel Ball | Microsoft | Microsoft |
| 1005 | Devang Shah | SDG Group | Microsoft |
| 1005 | Sander van de Velde MVP | Microsoft | Microsoft |
| 1006 | Srdjan Matin | Microsoft | Microsoft |
| 1006 | Filip Popović | Microsoft | Microsoft |
| 1006 | Artur Vieira | Microsoft | Microsoft |
| 1007 | Stephanie Bruno MVP | Data Witches | MVP |
| 1008 | Santhana Lakshmi Ponnurasan | Santhana Lakshmi Ponnurasan | Other |
| 1009 | Darren Portillo | Microsoft | Microsoft |
| 1009 | Sita Dontharaju | Microsoft | Microsoft |
| 1009 | Liz Cox | Microsoft | Microsoft |
| 1010 | Mohammad Ali | Microsoft | Microsoft |
| 1010 | Sid Vemuri | Microsoft | Microsoft |
| 1011 | Bob Ward | Microsoft | Microsoft |
| 1011 | Priya Sathy | Microsoft | Microsoft |

Query settings

Applied steps

45

In the "speaker_name" column we can now get rid of the word "MVP" at the end of the speaker's name because we have that designation in the new column.

- Right-click "speaker_name"
- Click "Replace values..."
- Type "MVP"
- Click "OK"

Transform FabCon Session Info

Power Query Draft saved

Home Transform Add column View Help

Queries [2]

Table.TransformColumnTypes(#"Inserted conditional column", {"designation", type text})

| session_id | speaker_name | speaker_affiliation | designation |
|------------|-----------------------------|--------------------------------|-------------|
| 1000 | Daniel Coelho | Microsoft | Microsoft |
| 1000 | Esteria Kot | Clouds or Mars , United States | Other |
| 1001 | Just Blidbæk MVP | twoday kapacity | MVP |
| 1001 | Ásgaeir Gunnarsson MVP | North Insights ApS. | MVP |
| 1001 | Lars Andersen | Microsoft | Microsoft |
| 1002 | Shreyas Canchi Radhakrishna | Microsoft | Microsoft |
| 1002 | Markus Cozwicz | Microsoft | Microsoft |
| 1003 | Maraki Ketemi | Microsoft | Microsoft |
| 1003 | Eran Benayun | Microsoft | Microsoft |
| 1003 | Wilson Lee | Microsoft | Microsoft |
| 1004 | Idris Motiwala | Microsoft | Microsoft |
| 1004 | Strahinja Rodic | Microsoft | Microsoft |
| 1004 | Neel Ball | Microsoft | Microsoft |
| 1005 | Devang Shah | Microsoft | Microsoft |
| 1005 | Sander van de Velde MVP | SDG Group | MVP |
| 1006 | Srdjan Matin | Microsoft | Microsoft |
| 1006 | Filip Popović | Microsoft | Microsoft |
| 1006 | Artur Vieira | Microsoft | Microsoft |
| 1007 | Stephanie Bruno MVP | Data Witches | MVP |
| 1008 | Santhana Lakshmi Ponnurasan | Santhana Lakshmi Ponnurasan | Other |
| 1009 | Darren Portillo | Microsoft | Microsoft |
| 1009 | Sita Dontharaju | Microsoft | Microsoft |

Query settings

Applied steps

The screenshot shows the Power BI Data Editor interface. A context menu is open over the 'designation' column in a table named 'Table.TransformColumnTypes(#"Inserted conditional column", [{"designation": type text})'. The menu includes options like Copy preview data, Remove columns, Remove other columns, Duplicate column, Add column from examples..., Remove duplicates, Remove errors, Split column, Replace values..., and Replace errors... (which is circled in red). Other options like Change type, Transform column, Group by..., Unpivot columns, Unpivot other columns, Unpivot only selected columns, Rename..., Resize..., Move, Drill down, and Add as new query are also visible.

| session_id | speaker_name | designation |
|------------|----------------------------------|-------------|
| 1 | 1000 Daniel Coelho | Microsoft |
| 2 | 1000 Esteria Kot | Other |
| 3 | 1001 Just Blindbaek MVP | MVP |
| 4 | 1001 Ásgeir Gunnarsson | MVP |
| 5 | 1001 Lars Andersen | Microsoft |
| 6 | 1002 Shreyas Canchi Radhakrishna | Microsoft |
| 7 | 1002 Markus Cozwicz | Microsoft |
| 8 | 1003 Maraki Ketema | Microsoft |
| 9 | 1003 Eran Benayun | Microsoft |
| 10 | 1003 Wilson Lee | Microsoft |
| 11 | 1004 Idris Motiwala | Microsoft |
| 12 | 1004 Strahinja Rodic | Microsoft |
| 13 | 1004 Neel Ball | Microsoft |
| 14 | 1005 Devang Shah | Microsoft |
| 15 | 1005 Sander van de Velde | MVP |
| 16 | 1006 Srdjan Matin | Microsoft |
| 17 | 1006 Filip Popović | Microsoft |
| 18 | 1006 Artur Vieira | Microsoft |
| 19 | 1007 Stephanie Bruno | MVP |
| 20 | 1008 Santhana Lakshmi P | Other |
| 21 | 1009 Darren Portillo | Microsoft |
| 22 | 1009 Sita Dontharaju | Microsoft |
| 23 | 1009 Liz Cox | Microsoft |
| 24 | 1010 Mohammad Ali | Microsoft |
| 25 | 1010 Sid Venuri | Microsoft |
| 26 | 1011 Bob Ward | Microsoft |

The screenshot shows the 'Replace values...' dialog box. It has two input fields: 'Value to find' containing 'MVP' and 'Replace with' containing an empty text box. Below the fields are 'Basic' and 'Advanced' radio buttons, and 'OK' and 'Cancel' buttons. The 'OK' button is circled in red.

| session_id | speaker_name | designation |
|------------|----------------------------------|--------------------------------|
| 2 | 1000 Esteria Kot | Clouds on Mars , United States |
| 3 | 1000 Just Blindbaek MVP | twoday capacity |
| 4 | 1001 Ásgeir Gunnarsson MVP | North Insights ApS. |
| 5 | 1001 Lars Andersen | Microsoft |
| 6 | 1002 Shreyas Canchi Radhakrishna | Microsoft |
| 7 | 1002 Markus Cozwicz | Microsoft |
| 8 | 1003 Maraki Ketema | Microsoft |
| 9 | 1003 Eran Benayun | Microsoft |
| 10 | 1003 Wilson Lee | Microsoft |
| 11 | 1004 Idris Motiwala | Microsoft |
| 12 | 1004 Strahinja Rodic | Microsoft |
| 13 | 1004 Neel Ball | Microsoft |
| 14 | 1005 Devang Shah | Microsoft |
| 15 | 1005 Sander van de Velde | MVP |
| 16 | 1006 Srdjan Matin | Microsoft |
| 17 | 1006 Filip Popović | Microsoft |
| 18 | 1006 Artur Vieira | Microsoft |
| 19 | 1007 Stephanie Bruno | MVP |
| 20 | 1008 Santhana Lakshmi P | Other |
| 21 | 1009 Darren Portillo | Microsoft |
| 22 | 1009 Sita Dontharaju | Microsoft |
| 23 | 1009 Liz Cox | Microsoft |
| 24 | 1010 Mohammad Ali | Microsoft |
| 25 | 1010 Sid Venuri | Microsoft |
| 26 | 1011 Bob Ward | Microsoft |
| 27 | 1011 Priya Satthy | Microsoft |
| 28 | 1012 Wee Hyong Tok | Microsoft |
| 29 | 1012 Faisal Mohamood | Microsoft |
| 30 | 1013 Bogdan Crivat | Microsoft |
| 31 | 1014 Roger Uhnholz | B5group Data Analytics |
| 32 | 1014 Ivo Schindelholz | B5group Data Analytics AG |
| 33 | 1015 Thibaud Croonenborghs | AE |

46 We can do the same for "speaker_affiliation".

- Right-click "speaker_affiliation"
- Click "Replace values..."
- Type "MVP,"
- Click "OK"

Transform FabCon Session Info

Power Query Draft saved

Home Transform Add column View Help

Column from examples

Queries [2]

| | i ² 3 session_id | fx Table.ReplaceValue(#"Changed column type", "MVP", "", Replacer.ReplaceText, {"speaker_name"}) | A _C speaker_affiliation | A _C designation |
|----|-----------------------------|--|------------------------------------|----------------------------|
| 1 | 1000 | Daniel Coelho | Microsoft | Microsoft |
| 2 | 1000 | Ester Kot | Clouds on Mars , United States | Other |
| 3 | 1001 | Just Blindbæk | twoday kapacity | MVP |
| 4 | 1001 | Ásgeir Gunnarsson | North Insights ApS. | MVP |
| 5 | 1001 | Lars Andersen | Microsoft | Microsoft |
| 6 | 1002 | Shreyas Canchi Radhakrishna | Microsoft | Microsoft |
| 7 | 1002 | Markus Cozowicz | Microsoft | Microsoft |
| 8 | 1003 | Maraki Ketema | Microsoft | Microsoft |
| 9 | 1003 | Eran Benayun | Microsoft | Microsoft |
| 10 | 1003 | Wilson Lee | Microsoft | Microsoft |
| 11 | 1004 | Idris Motiwala | Microsoft | Microsoft |
| 12 | 1004 | Strahinja Rodic | Microsoft | Microsoft |
| 13 | 1004 | Neel Ball | Microsoft | Microsoft |
| 14 | 1005 | Devang Shah | Microsoft | Microsoft |
| 15 | 1005 | Sander van de Velde | SDG Group | MVP |
| 16 | 1006 | Srdjan Matin | Microsoft | Microsoft |
| 17 | 1006 | Filip Popović | Microsoft | Microsoft |
| 18 | 1006 | Artur Vieira | Microsoft | Microsoft |
| 19 | 1007 | Stephanie Bruno | Data Witches | MVP |
| 20 | 1008 | Santhana Lakshmi Ponnurasan | Santhana Lakshmi Ponnurasan | Other |
| 21 | 1009 | Darren Portillo | Microsoft | Microsoft |
| 22 | 1009 | Sita Dontharaju | Microsoft | Microsoft |

Query settings

Properties

Name: raw_2025_europe_speake...

Applied steps

- Source
- Navigation 1
- Navigation 2
- Navigation 3
- Inserted co...
- ABC 123 Changed c...
- X ABC 123 Replaced v...

Home Transform Add column View Help

Column from examples

Queries [2]

| | i ² 3 session_id | fx Table.ReplaceValue(#"Changed column type", "MVP", "", Replacer.ReplaceText, {"speaker_name"}) | A _C speaker_affiliation | A _C designation |
|----|-----------------------------|--|------------------------------------|----------------------------|
| 1 | 1000 | Daniel Coelho | Microsoft | Microsoft |
| 2 | 1000 | Ester Kot | Clouds on Mars , United States | Other |
| 3 | 1001 | Just Blindbæk | twoday kapacity | MVP |
| 4 | 1001 | Ásgeir Gunnarsson | North Insights ApS. | MVP |
| 5 | 1001 | Lars Andersen | Microsoft | Microsoft |
| 6 | 1002 | Shreyas Canchi Radhakrishna | Microsoft | Microsoft |
| 7 | 1002 | Markus Cozowicz | Microsoft | Microsoft |
| 8 | 1003 | Maraki Ketema | Microsoft | Microsoft |
| 9 | 1003 | Eran Benayun | Microsoft | Microsoft |
| 10 | 1003 | Wilson Lee | Microsoft | Microsoft |
| 11 | 1004 | Idris Motiwala | Microsoft | Microsoft |
| 12 | 1004 | Strahinja Rodic | Microsoft | Microsoft |
| 13 | 1004 | Neel Ball | Microsoft | Microsoft |
| 14 | 1005 | Devang Shah | Microsoft | Microsoft |
| 15 | 1005 | Sander van de Velde | SDG Group | MVP |
| 16 | 1006 | Srdjan Matin | Microsoft | Microsoft |
| 17 | 1006 | Filip Popović | Microsoft | Microsoft |
| 18 | 1006 | Artur Vieira | Microsoft | Microsoft |
| 19 | 1007 | Stephanie Bruno | Data Witches | MVP |
| 20 | 1008 | Santhana Lakshmi Ponnurasan | Santhana Lakshmi Ponnurasan | Other |
| 21 | 1009 | Darren Portillo | Microsoft | Microsoft |
| 22 | 1009 | Sita Dontharaju | Microsoft | Microsoft |
| 23 | 1009 | Liz Cox | Microsoft | Microsoft |
| 24 | 1010 | Mohammad Ali | Microsoft | Microsoft |
| 25 | 1010 | Sid Vemuri | Microsoft | Microsoft |
| 26 | 1011 | Roh Ward | Microsoft | Microsoft |

Query settings

Properties

Name: raw_2025_europe_speake...

Applied steps

- Source
- Navigation 1
- Navigation 2
- Navigation 3
- Inserted co...
- ABC 123 Changed c...
- X ABC 123 Replaced v...

Right-click context menu open over the 'speaker_name' column header, showing options like Copy preview data, Remove columns, Split column (circled in orange), Replace values..., and others.

The screenshot shows the Power Query Editor interface. A 'Replace values' dialog box is open over a table of data. The table contains columns for ID, speaker_name, speaker_affiliation, and designation. The 'Replace values' dialog has 'Basic' selected, 'Value to find' set to 'MVP,' and 'Replace with' empty. The 'OK' button is highlighted with a yellow circle.

Load the session data to the lakehouse

- 47 Click the "raw_2025_europe_sessions" query.

The screenshot shows the Power Query Editor interface with the 'raw_2025_europe_sessions' query selected. The table view shows columns: speaker_name, speaker_affiliation, and designation. The 'Applied steps' pane on the right shows a step for 'Replaced v...'. The 'Query settings' pane on the right shows the name 'raw_2025_europe_sessions'.

48

Click the "+" button next to Data destination to land the results of the query to a lakehouse table.

The screenshot shows the Microsoft Power Query Editor interface. On the left, there's a sidebar with various icons for Home, Transform, Add column, Column from examples, and so on. The main area displays a query titled 'raw_2025_europe_sessions' which contains 33 rows of data. The columns are 'session_id' (containing values like 1000, 1001, etc.), 'title' (containing session titles), and 'detail_url' (containing URLs). To the right of the data grid is the 'Applied steps' pane, which lists several steps such as 'Source', 'Navigation 1', 'Navigation 2', 'Navigation 3', and various 'Replaced v...' and 'Changed c...' steps. At the bottom right of the editor, there's a section labeled 'Data destination' with a red circle around the '+' button, indicating where to click to add a new data destination.

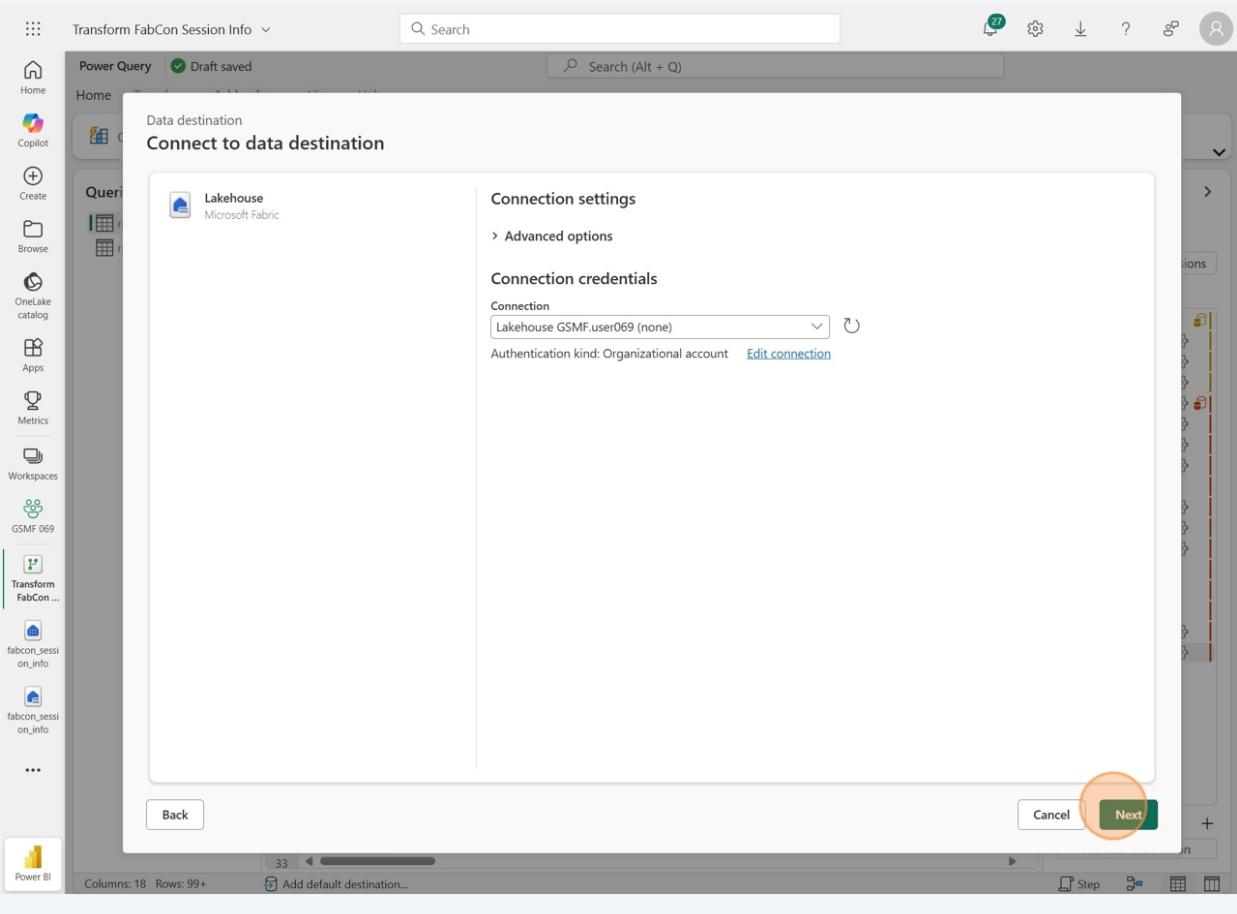
49

Click "Lakehouse"

The screenshot shows the Microsoft Power Query Editor interface. A query named "raw_2025_europe_sessions" is open, displaying a table with 99+ rows and 18 columns. The table contains session details such as session ID, title, and detail URL. In the "Applied steps" pane, several steps are listed, including "Replaced v..." and "Added cust...". The "Data destination" pane at the bottom right is open, showing options like "Lakehouse", "Warehouse", "SQL database", and "SharePoint". The "Lakehouse" option is highlighted with an orange circle.

50

Click "Next" on the connection settings page. Your connection should already be there.



51

Navigate down to the folder that is the name of your lakehouse. If you expand it you'll see your two raw tables. We can't have two tables with the same name in the lakehouse, so change the name of the table here to "sessions."

The screenshot shows two identical instances of the Microsoft Power Query 'Choose destination target' dialog box, overlaid on a Power BI interface. The dialog is used to define where the transformed data will be stored.

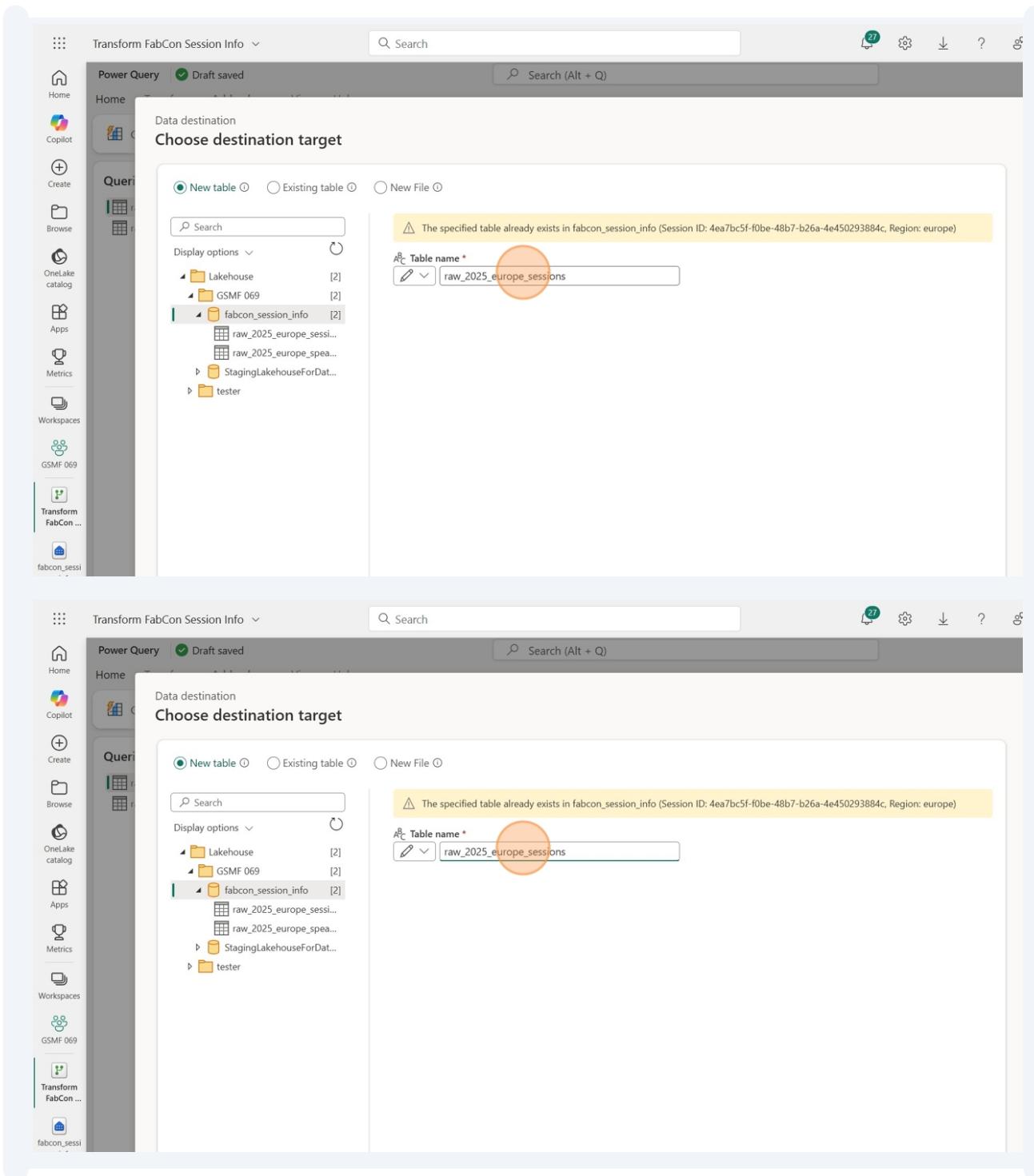
Top Dialog (Original Configuration):

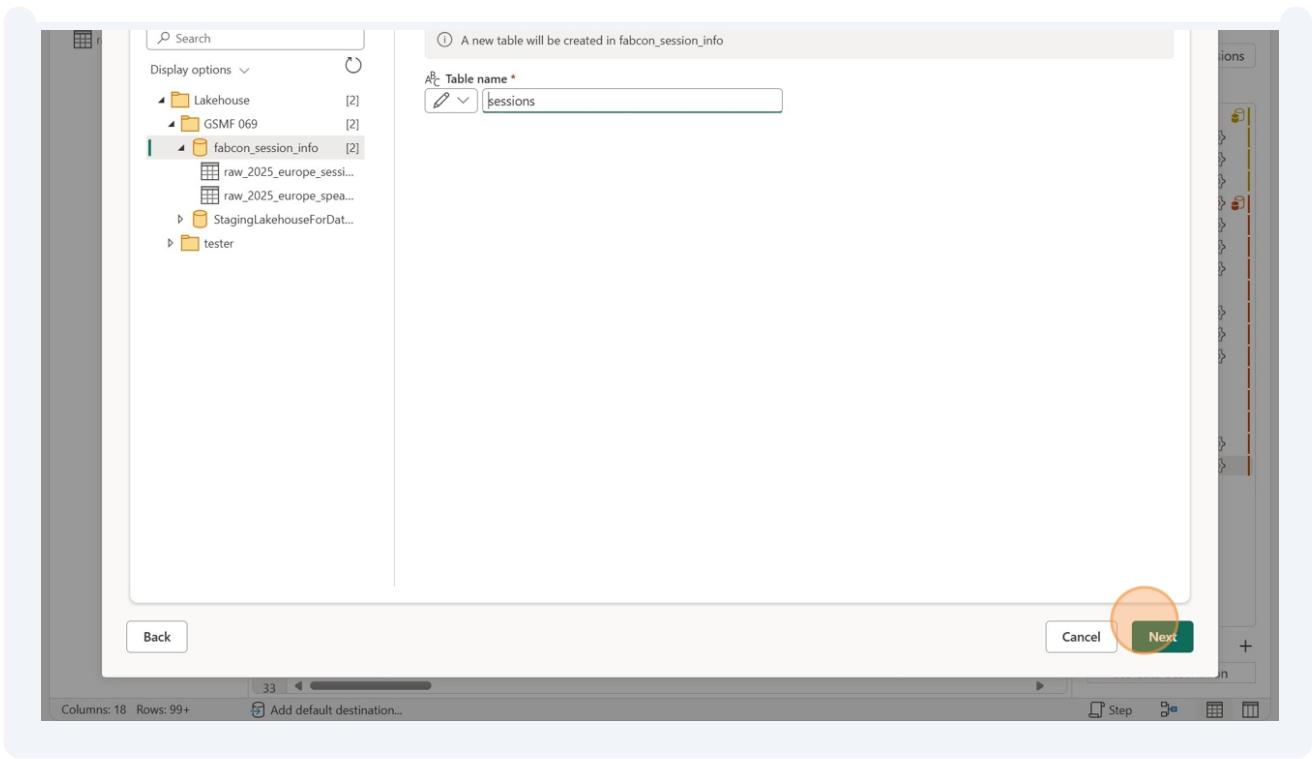
- Destination:** New table (radio button selected).
- Container:** Lakehouse > GSMF 069 (highlighted with an orange circle).
- Table Name:** raw_2025_europe_sessions

Bottom Dialog (Modified Configuration):

- Destination:** New table (radio button selected).
- Container:** Lakehouse > GSMF 069 > fabcon_session_info (highlighted with an orange circle).
- Table Name:** raw_2025_europe_sessions

In both cases, a tooltip message appears above the table name input field: "A new table will be created in fabcon_session_info".





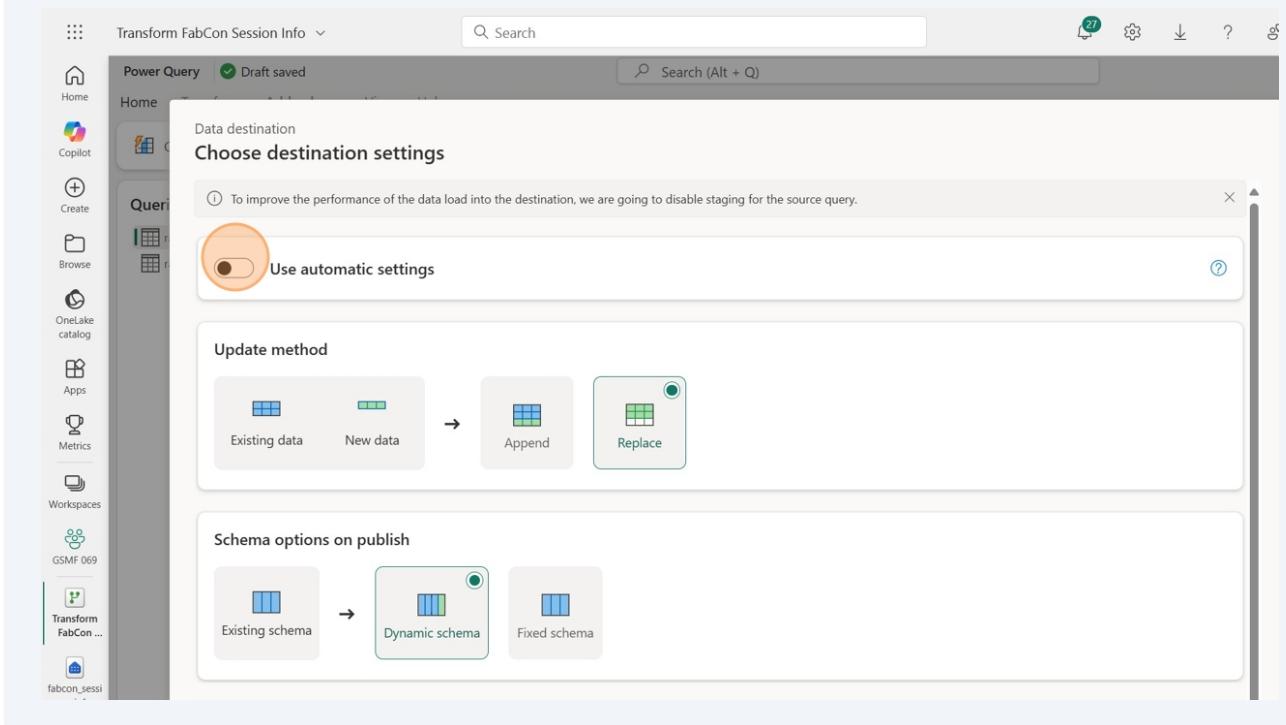
52

We'll use the automatic settings in this case, but feel free to turn that off temporarily if you'd like to see what the options are for changing the settings.

The screenshot shows the 'Choose destination settings' dialog in Power Query. A tooltip 'Use automatic settings' points to a toggle switch which is turned on. Below the dialog, the 'Column mapping' table is displayed:

| Source | Source type | Destination | Destination type |
|------------|--------------|-------------|------------------|
| session_id | Whole number | session_id | Whole number |
| title | Text | title | Text |
| detail_url | Text | detail_url | Text |
| start | Date/Time | start | Date/Time |
| end | Date/Time | end | Date/Time |
| level | Text | level | Text |
| topic | Text | topic | Text |
| track | Text | track | Text |

53 Turn the automatic settings selection back on to hide the details.



54

Scroll down to examine the column mapping for each of the columns.

The screenshot shows the 'Transform FabCon Session Info' Power Query editor. A modal window titled 'Choose destination settings' is open. It contains a note: 'To improve the performance of the data load into the destination, we are going to disable staging for the source query.' Below this is a toggle switch labeled 'Use automatic settings'. The main area is titled 'Column mapping' and lists 11 columns with their source and destination details:

| Source | Source type | Destination | Destination type |
|------------|--------------|-------------|------------------|
| session_id | Whole number | session_id | Whole number |
| title | Text | title | Text |
| detail_url | Text | detail_url | Text |
| start | Date/Time | start | Date/Time |
| end | Date/Time | end | Date/Time |
| level | Text | level | Text |
| topic | Text | topic | Text |
| track | Text | track | Text |
| code | Text | code | Text |
| speakers | Text | speakers | Text |
| conf_id | Whole number | conf_id | Whole number |
| conference | Text | conference | Text |

On the right side of the 'Column mapping' table, there is a vertical scroll bar with a circular orange highlight around its middle section. At the bottom of the dialog are 'Back', 'Cancel', and 'Save settings' buttons. The status bar at the bottom of the Power Query interface shows 'Columns: 18 Rows: 99+' and 'Add default destination...'. The overall interface is light gray with dark blue header and sidebar elements.

55

Uh oh! Why is the Duration column in italics? The lakehouse tables do not support the "Duration" datatype. We'll have to go back and change it before we can load it to the lakehouse.

The screenshot shows the 'Column mapping' dialog in Power BI Data Flow. The 'Source' column contains fields like topic, track, code, speakers, conf_id, conference, description, Date, Duration, Day, DayNum, and start time. The 'Source type' column lists various datatypes such as Text, Whole number, and Date. The 'Destination' and 'Destination type' columns map these to their equivalents in the destination table. A tooltip for the 'Duration' column states: 'This column cannot be included because its type is not supported.' The 'Source type' dropdown for 'Duration' is highlighted with a red circle.

56

Click the info icon to see the error details.

The screenshot shows the 'Column mapping' dialog in Power BI Data Flow. The 'Source' column contains fields like topic, track, code, speakers, conf_id, conference, description, Date, Duration, Day, DayNum, and start time. The 'Source type' column lists various datatypes such as Text, Whole number, and Date. A tooltip for the 'Duration' column states: 'This column cannot be included because its type is not supported.' The info icon (circled in orange) is located next to the 'Duration' column header.

57

Click "Cancel" to exit the data destination configuration. We'll go fix the Duration column's type and redo these steps. Fortunately it's very simple!

| Source | Source type | Destination | Destination type |
|-------------|--------------|-------------|------------------|
| topic | Text | topic | Text |
| track | Text | track | Text |
| code | Text | code | Text |
| speakers | Text | speakers | Text |
| conf_id | Whole number | conf_id | Whole number |
| conference | Text | conference | Text |
| description | Text | description | Text |
| Date | Date | Date | Date |
| Duration | Duration | Duration | Duration |
| Day | Text | Day | Text |
| DayNum | Whole number | DayNum | Whole number |
| start time | Date/Time | start time | Date/Time |

58

Here's the fix we need. Click the "Duration" type icon to the left of the "Duration" column's name.

| | Date | Duration | Day | DayNum | start time |
|----|----------|------------|--------|--------|-------------------------|
| 1 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 2 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 3 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 4 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 5 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 6 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 7 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 8 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 9 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 10 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 11 | 9/5/2025 | 0.08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 12 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 13 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 14 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 15 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 16 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 17 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 18 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 19 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 20 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 21 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 22 | 9/5/2025 | 0.01:00:00 | Friday | 5 | 12/30/1899, 12:00:00 PM |

59

Select the "Text" type.

| ID | Content | Duration | Day | DayNum | start time | |
|----|--|------------|------------|--------|-------------------------|-------------------------|
| 1 | ployment across environments. Yet, many teams | 0:08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM | |
| 2 | in Microsoft Fabric. Whether you are stepping i | 0:08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM | |
| 3 | nd more intuitively, and Microsoft Fabric's | 0:08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM | |
| 4 | o help you learn how you can master the essent | 0:08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM | |
| 5 | s using SQL Database in Microsoft Fabric. This | 0:08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM | |
| 6 | handling and processing raw, highly granular da | 0:08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM | |
| 7 | mmersive, full-day workshop offers a deep dive | 0:08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM | |
| 8 | loads, including Data Factory, Data Warehouse, | 0:08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM | |
| 9 | world of data for the first time or finally opening | 0:08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM | |
| 10 | n data estate. The workshop will cover various a | 0:08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM | |
| 11 | nd strategies required to prepare your data fo | 0:08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM | |
| 12 | y it on-premises, in the cloud or fabric. In thi | 0:08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM | |
| 13 | on and orchestration capabilities, that will enab | 0:01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM | |
| 14 | ves as well as roadmap for the next few months... | 0:01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM | |
| 15 | f Tabular Model Definition Language (TMDL). Th | 0:01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM | |
| 16 | e V-Order, Z-Order, and considerations for read-heavy versus w... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 17 | munity Member today to access a wealth of SharePoint, and Az... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 18 | abling AI innovation. This session will highlight Microsoft's Purvi... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 19 | nt potential for scalability. However, this very scalability introduc... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 20 | ou will learn the patterns and best practices for effective use of t... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 21 | ospitals, retail operations, manufacturing plants, energy grids, o... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 22 | BI is transforming how analytics projects are delivered. Underst... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 12/30/1899, 12:00:00 PM |
| 23 | ew capabilities emerging in, with, and around Fabric, the challeng... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 12/30/1899, 12:00:00 PM |
| 24 | ber today to access a wealth of SharePoint, and Azure knowled... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 12/30/1899, 12:00:00 PM |
| 25 | he latest announcements and explore how you can use serverle... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 12/30/1899, 12:00:00 PM |
| 26 | 'ou might be the new Fabric administrator in your organisation a... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 12/30/1899, 12:00:00 PM |
| 27 | ent patterns and tools available to build an end-to-end automat... | 9/5/2025 | 0:01:00:00 | Friday | 5 | 12/30/1899, 12:00:00 PM |

60 Click the "+" button next to "Data destination" again. We'll try again!

The screenshot shows the Microsoft Power Query Editor interface. On the left, the 'Queries [2]' pane lists two queries: 'raw_2025_europe_sessions' and 'raw_2025_europe_sessions'. The main area displays a table with columns: Date, Duration, Day, DayNum, and start time. The 'Applied steps' pane on the right shows a list of steps, including 'Source', 'Navigation 1', 'Navigation 2', 'Navigation 3', and several 'Replaced v...' steps. At the bottom right of the 'Applied steps' pane, there is a section titled 'Data destination' with a '+' button. This '+ Data destination' button is highlighted with a red oval.

61

Click "Lakehouse"

Screenshot of the Microsoft Power Query Editor interface showing the transformation of session data.

Power Query Draft saved

Queries [2]

- raw_2025_europe_sessions
- raw_2025_europe_sessions

The main pane displays a table with the following columns:

| | Date | Duration | Day | DayNum | start time |
|----|----------|----------|--------|--------|-------------------------|
| 1 | 9/5/2025 | 08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 2 | 9/5/2025 | 08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 3 | 9/5/2025 | 08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 4 | 9/5/2025 | 08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 5 | 9/5/2025 | 08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 6 | 9/5/2025 | 08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 7 | 9/5/2025 | 08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 8 | 9/5/2025 | 08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 9 | 9/5/2025 | 08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 10 | 9/5/2025 | 08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 11 | 9/5/2025 | 08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 12 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 13 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 14 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 15 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 16 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 17 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 18 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 19 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 20 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 21 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 22 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 12:00:00 PM |
| 23 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 12:00:00 PM |
| 24 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 12:00:00 PM |
| 25 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 12:00:00 PM |
| 26 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 12:00:00 PM |
| 27 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 12:00:00 PM |
| 28 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 12:00:00 PM |
| 29 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 12:00:00 PM |
| 30 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 12:00:00 PM |
| 31 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 12:00:00 PM |
| 32 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 12:00:00 PM |
| 33 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 12:00:00 PM |

Query settings

- Properties** Name: raw_2025_europe_sessions
- Applied steps**
 - Source
 - Navigation 1
 - Navigation 2
 - Navigation 3
 - Replaced v...
 - Replaced v...
 - Replaced v...
 - Replaced v...
 - Duplicated ...
 - ABC Changed c...
 - Added cust...
 - ABC 123 ChANGED...
 - Added cust...
 - Added cust...

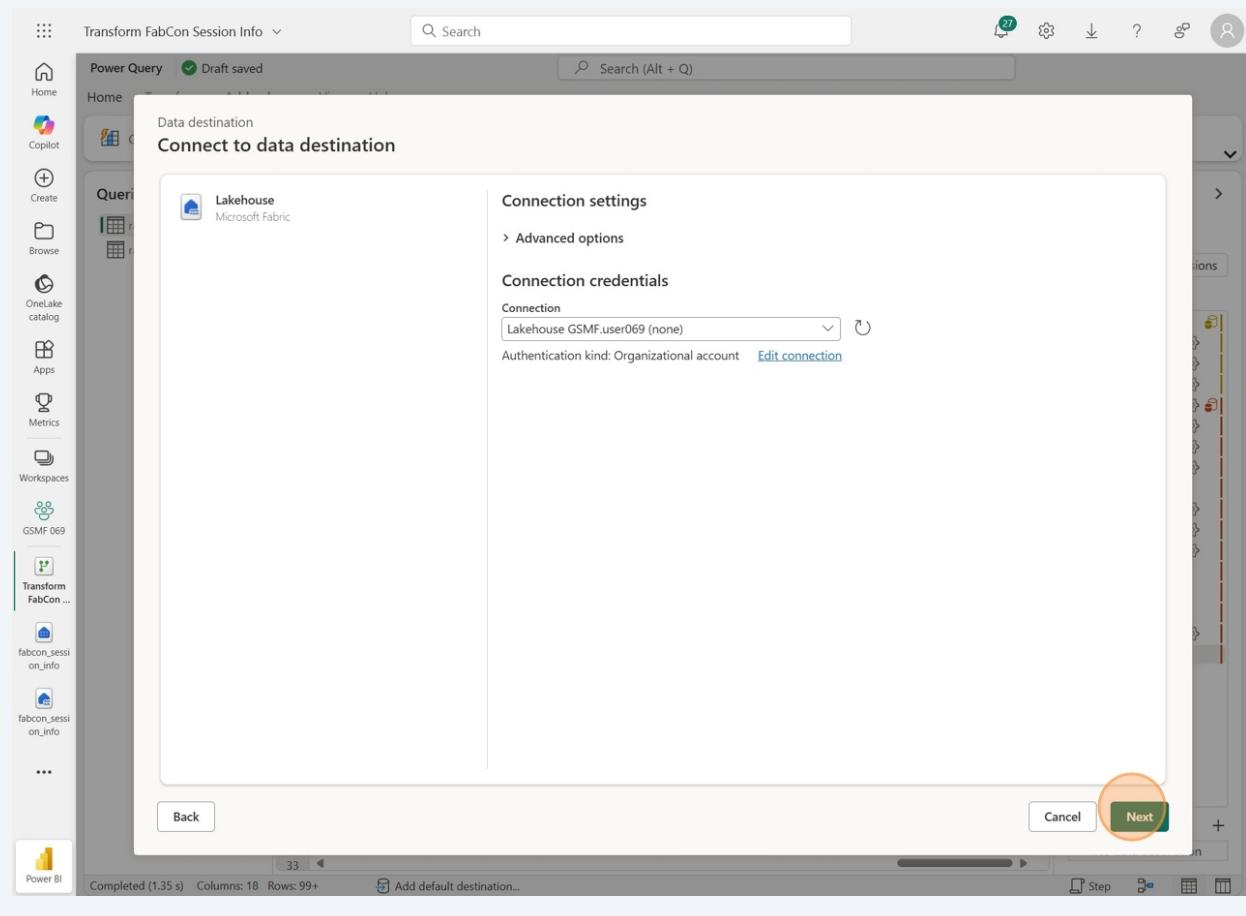
Default destination No default destination available

New destination Lakehouse (highlighted with a red circle)

Lakehouse
Warehouse
SQL database
SharePoint
More...

Data destination No data destination

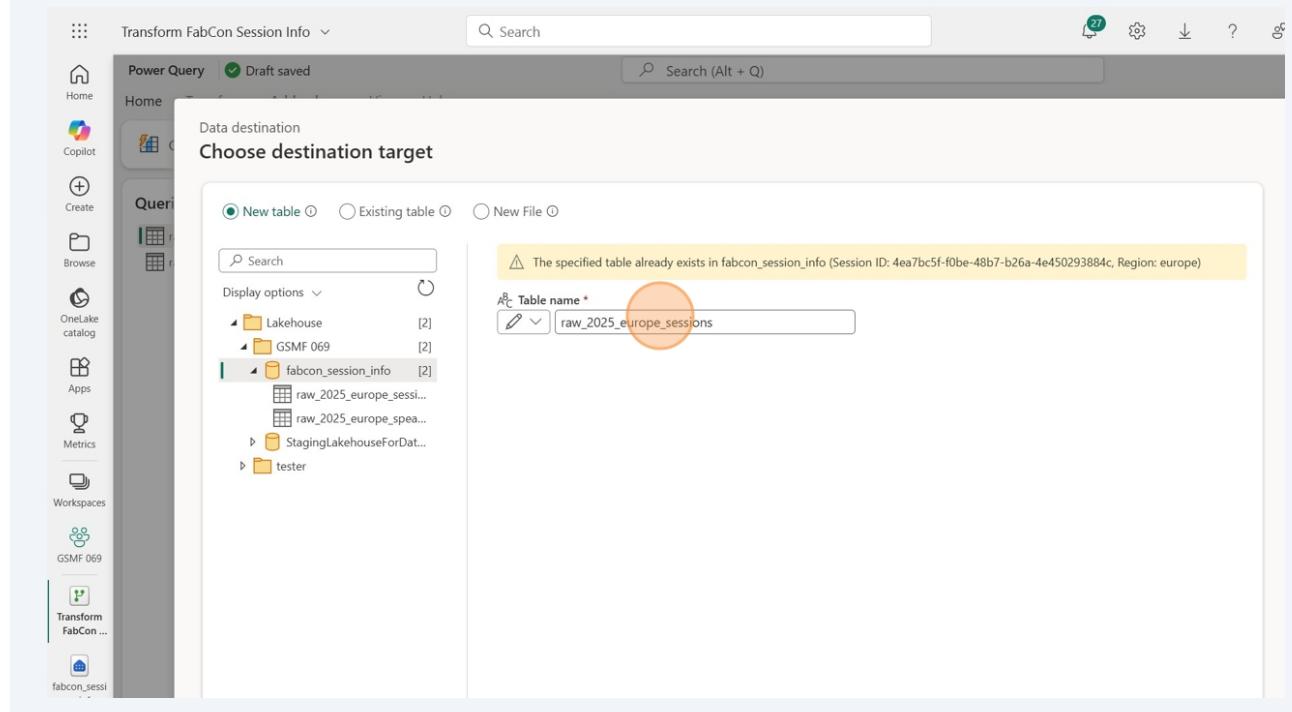
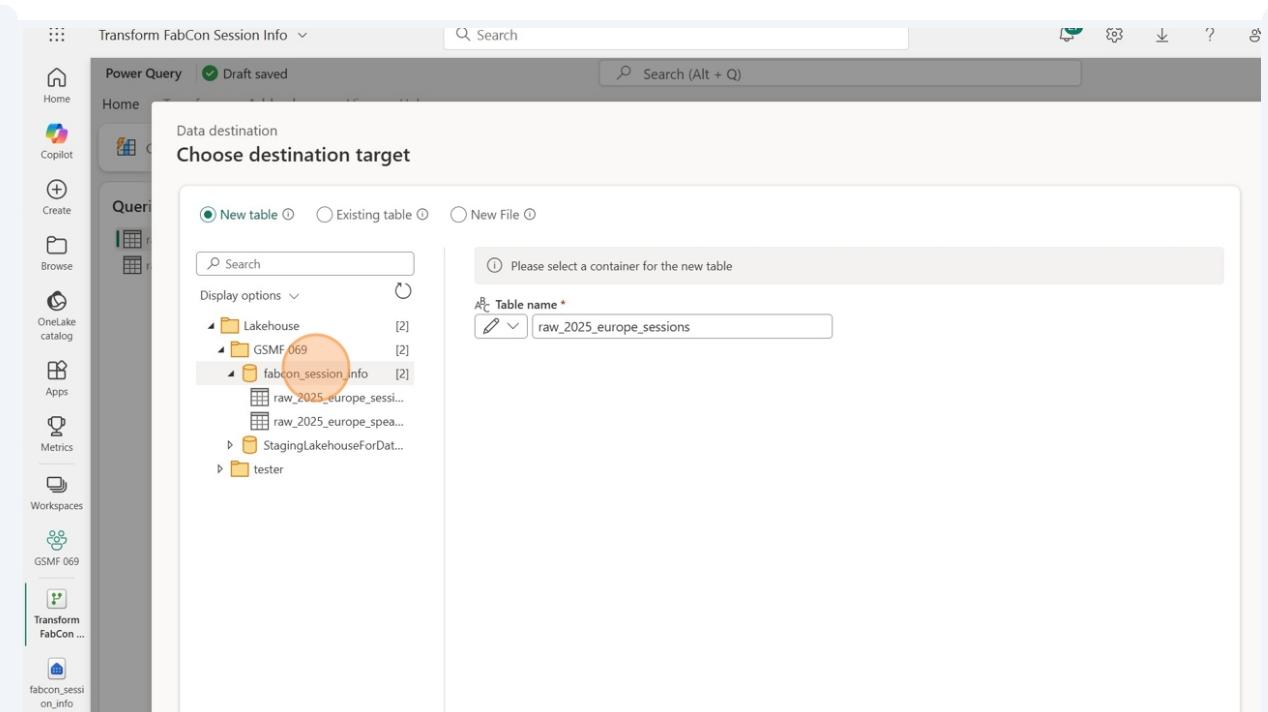
62 Click "Next" on the Connection settings screen again.

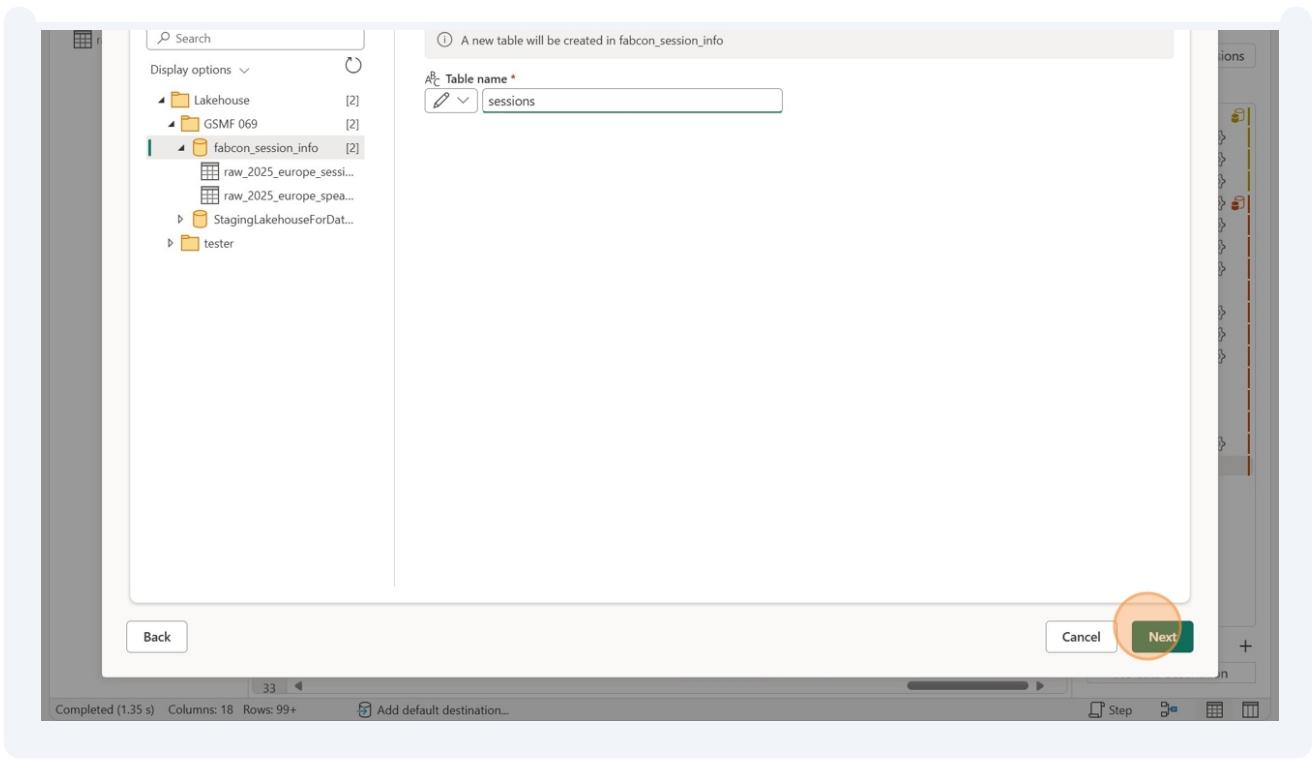


63 Navigate back to your lakehouse and update the new table's name to "sessions" and click "Next."

The screenshot displays two identical instances of the Microsoft Power Query 'Choose destination target' dialog box side-by-side, likely from a split-screen view or a comparison tool. Both instances show the 'Data destination' screen with the following details:

- Power Query** ribbon tab is selected.
- Draft saved** status indicator.
- Search** bar at the top right.
- Choose destination target** title.
- New table** radio button is selected.
- Table name** field contains `raw_2025_europe_sessions`.
- Container selection**:
 - Display options** dropdown.
 - Lakehouse** container is expanded, showing:
 - GSMF 069** folder (containing [2] items).
 - fabcon_session_info** folder (containing [2] items).
 - StagingLakehouseForData...** folder.
 - tester** folder.
- Please select a container for the new table** instruction.





64 Scroll down to the "Duration" column to see if we've fixed the issue.

The screenshot shows the 'Choose destination settings' step in Power BI Data Flow. The left sidebar lists datasets: Home, Copilot, Create, Browse, OneLake catalog, Apps, Metrics, Workspaces, GSMF 069, Transform FabCon ..., fabcon_session_info, and fabcon_session_info. The main area shows 'Data destination' and 'Choose destination settings'. A message says: 'To improve the performance of the data load into the destination, we are going to disable staging for the source query.' Below is a 'Use automatic settings' toggle. The 'Column mapping' section lists 18 columns with their source and destination types. A vertical scroll bar on the right side of the column mapping table is circled in orange. At the bottom are 'Back', 'Cancel', and 'Save settings' buttons.

65

Looks good! No more error message and it isn't in italics anymore. Excellent!

The screenshot shows the 'Data destination' interface with the title 'Choose destination settings'. A note at the top says: 'To improve the performance of the data load into the destination, we are going to disable staging for the source query.' Below is a 'Use automatic settings' toggle. The main area is 'Column mapping' with a table:

| Source | Source type | Destination | Destination type |
|-------------|--------------|-------------|------------------|
| topic | Text | topic | Text |
| track | Text | track | Text |
| code | Text | code | Text |
| speakers | Text | speakers | Text |
| conf_id | Whole number | conf_id | Whole number |
| conference | Text | conference | Text |
| description | Text | description | Text |
| Date | Date | Date | Date |
| Duration | Text | Duration | Text |
| Day | Text | Day | Text |
| DayNum | Whole number | DayNum | Whole number |
| start time | Date/Time | start time | Date/Time |

66

Click "Save settings"

The screenshot shows the 'Data destination' interface with the title 'Choose destination settings'. The 'Column mapping' table is identical to the previous one. At the bottom right, there are 'Cancel' and 'Save settings' buttons. The 'Save settings' button is highlighted with an orange circle.

Load the speakers data to the lakehouse

67

Click "raw_2025_europe_speakers"

The screenshot shows the Microsoft Power Query Editor interface. On the left, there's a sidebar with various icons for Home, Create, Browse, OneLake catalog, Apps, Metrics, Workspaces, and a specific item labeled 'GSMF 069'. The main area displays two queries in the 'Queries [2]' pane:

- raw_2025_europe_sessions**: This query contains 22 rows of data, each with a timestamp and a short description.
- raw_2025_europe_speakers**: This query is currently selected, indicated by an orange circle around its icon in the list. It also contains 22 rows of data.

The data grid for the selected query shows columns: Date, Duration, Day, DayNum, and start time. The first few rows of data are as follows:

| | Date | Duration | Day | DayNum | start time |
|----|----------|----------|--------|--------|-------------------------|
| 1 | 9/5/2025 | 08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 2 | 9/5/2025 | 08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 3 | 9/5/2025 | 08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 4 | 9/5/2025 | 08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 5 | 9/5/2025 | 08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 6 | 9/5/2025 | 08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 7 | 9/5/2025 | 08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 8 | 9/5/2025 | 08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 9 | 9/5/2025 | 08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 10 | 9/5/2025 | 08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 11 | 9/5/2025 | 08:00:00 | Friday | 5 | 12/30/1899, 9:00:00 AM |
| 12 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 13 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 14 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
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| 17 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 18 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 19 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 20 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 21 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 10:30:00 AM |
| 22 | 9/5/2025 | 01:00:00 | Friday | 5 | 12/30/1899, 12:00:00 PM |

On the right side of the editor, there are 'Query settings' sections for 'Properties' (Name: raw_2025_europe_se) and 'Applied steps', which list various data transformation steps like 'Changed column type 2', 'Replaced v...', and 'Changed c...'. There are also buttons for 'Source', 'Navigation 1', 'Navigation 2', 'Navigation 3', and 'Duplicated ...'.

68

Click the "+" button next to "Data destination".

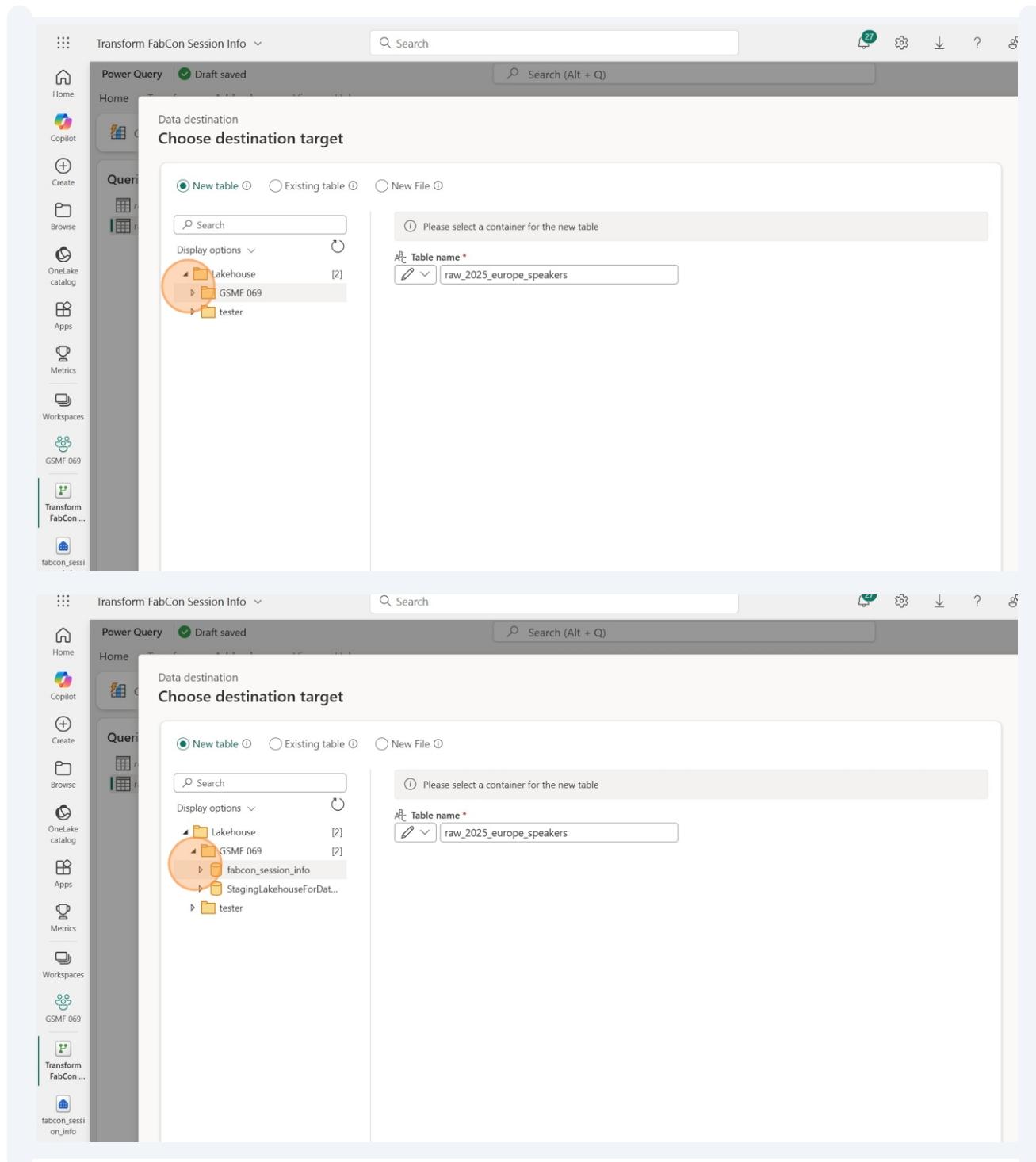
The screenshot shows the Microsoft Power Query Editor interface. A query named "raw_2025_europe_speakers" is open, displaying a table with four columns: session_id, speaker_name, speaker_affiliation, and designation. The table contains 33 rows of speaker data. In the "Applied steps" pane, several steps are listed, including "Source", "Navigation 1", "Navigation 2", "Navigation 3", "Inserted co...", "Changed co...", "Replaced v...", and "Replaced v...". At the bottom right of the editor, there is a "Data destination" section with a button labeled "+" highlighted with a red circle. The status bar at the bottom left indicates "Columns: 4 Rows: 99+".

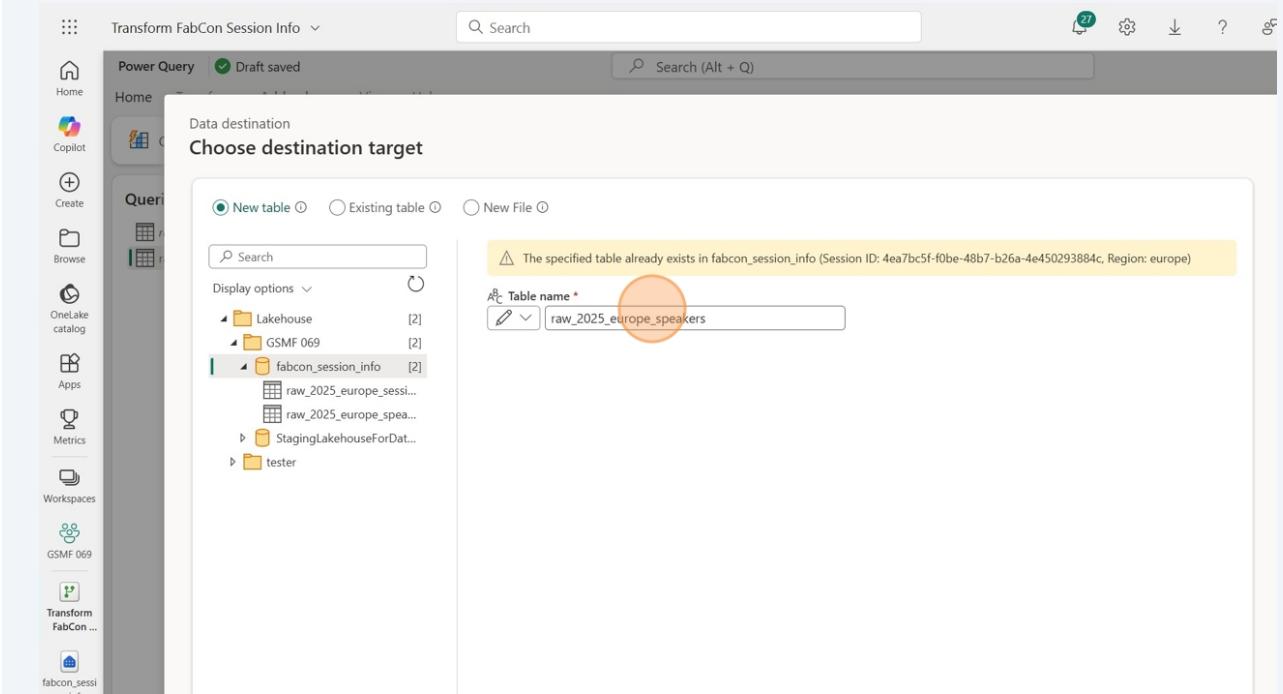
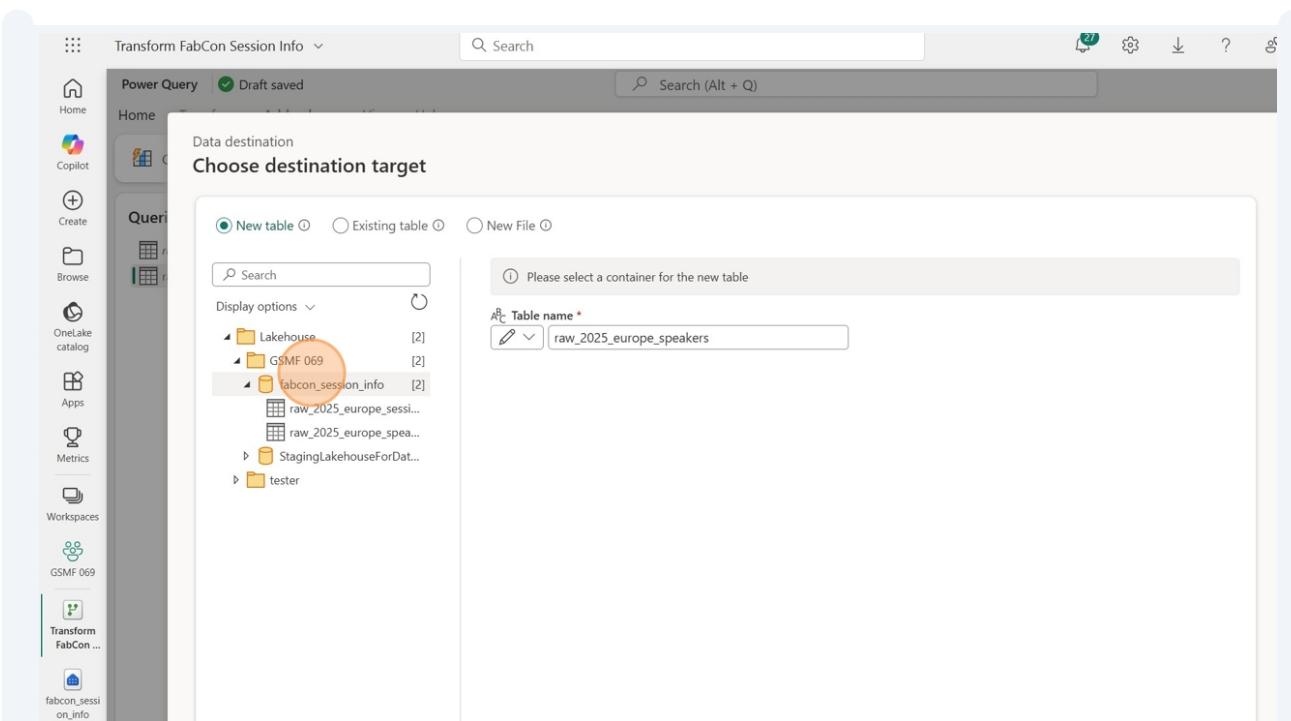
69 Click "Lakehouse"

The screenshot shows the Power BI Data Flow interface. On the left, there is a preview of a table with 99+ rows. The table has columns: ID, Name, Company, and Role. The 'Name' column contains names like Estera Kot, Just Blindbæk, Ásgeir Gunnarsson, etc. The 'Role' column contains roles like Other, MVP, Microsoft, etc. On the right, there is a sidebar titled 'Applied steps' which lists several data flow operations. Below it is a section for 'Default destination' which says 'No default destination available'. Under 'New destination', 'Lakehouse' is selected and highlighted with a red circle. Other options include Warehouse, SQL database, and SharePoint. At the bottom, there are buttons for 'Step', 'Back', 'Next', and 'Cancel'.

70 Navigate to the lakehouse again and rename the new table to "speakers." Click "Next."

The screenshot shows the 'Connection credentials' step in the Power BI Data Flow interface. It displays the connection settings for the previous step. The 'Connection' dropdown shows 'Lakehouse GSMF.user069 (none)'. The 'Authentication kind' is set to 'Organizational account' with a link to 'Edit connection'. At the bottom, there are buttons for 'Back', 'Cancel', and 'Next'. The 'Next' button is highlighted with a red circle.





Transform FabCon Session Info

Power Query Draft saved

Home

Browse

OneLake catalog

Apps

Metrics

Workspaces

GSMF-069

Transform FabCon ...

fabcon_sessi on_info

Data destination

Choose destination target

New table Existing table New File

Search

Display options

Lakehouse

GSMF 069

fabcon_session_info

raw_2025_europe_sessi...

raw_2025_europe_spea...

StagingLakehouseForDat...

tester

A new table will be created in fabcon_session_info

Table name * speakers

Back Next

Cancel

Step

33 1015 Thibault Croonenborghs AE Other

Columns: 4 Rows: 99+ Add default destination...

71

Click "Save settings"

The screenshot shows the 'Transform FabCon Session Info' Power Query interface. A modal dialog titled 'Choose destination settings' is open. It contains a note: 'To improve the performance of the data load into the destination, we are going to disable staging for the source query.' Below this is a toggle switch labeled 'Use automatic settings'. The main area is 'Column mapping' with four columns: Source, Source type, Destination, and Destination type. The mappings are:

| Source | Source type | Destination | Destination type |
|---------------------|--------------|---------------------|------------------|
| session_id | Whole number | session_id | Whole number |
| speaker_name | Text | speaker_name | Text |
| speaker_affiliation | Text | speaker_affiliation | Text |
| designation | Text | designation | Text |

At the bottom right of the dialog are 'Cancel' and 'Save settings' buttons. The 'Save settings' button is highlighted with a yellow circle.

Save the Dataflow Gen2 and Load the data

72

Click "Home"

The screenshot shows the Microsoft Power Query Editor interface. The top navigation bar has tabs: Power Query, Home, Transform, Add column, View, and Help. The 'Home' tab is highlighted with a red circle. The main area displays a table titled 'Table.ReplaceValue(#"Replaced value", "MVP", "", Replacer.ReplaceText, {"speaker_affiliation"})'. The table contains 22 rows of data. On the right side, there is a 'Query settings' pane and an 'Applied steps' pane. The 'Applied steps' pane lists several steps, including 'Source', 'Navigation 1', 'Navigation 2', 'Navigation 3', 'Inserted co...', 'ABC 123 Changed c...', '1 Replaced v...', and '2 Replaced v...'. A green checkmark indicates that the query is 'Draft saved'.

73

Click the down arrow next to the Save icon.

This screenshot is identical to the one above, showing the Power Query Editor with the 'Home' tab selected. However, the save icon in the top right corner now has a small orange circle with a downward arrow, indicating it is active or being used. The rest of the interface, including the table data, query settings, and applied steps pane, remains the same.

74

Click "Save, run & close"

The screenshot shows the Power Query Editor interface. On the left, there's a navigation pane with various icons and a workspace list. The main area displays a table with columns: speaker_affiliation, designation, and a formula bar above it. A context menu is open at the top of the table, with the 'Save & run' option highlighted by a red circle. To the right, there are 'Query settings' and 'Applied steps' panes.

Explore the new tables

75

Navigate to your lakehouse from the workspace or the navigation on the left.

The screenshot shows the Power BI workspace interface. On the left, there's a navigation pane with various icons and a workspace list. The main area displays a list of items under a folder named 'GSMF 069'. One item, 'fabcon_session_info', is highlighted with a red circle. The list includes columns: Name, Type, Task, Owner, Refreshed, Next refresh, Endorsement, Sensitivity, and Included in app.

76

Click the refresh icon to pull in the new tables. It may take a few minutes before they show up because the Dataflow Gen2 may still be running.

The screenshot shows the Azure Data Explorer interface. On the left, the sidebar has a 'Create' button, a 'Browse' section with 'OneLake catalog' and 'Apps', and a 'Metrics' section. The main area shows a table named 'raw_2025_europe_speakers' in 'Table view'. The table has columns: session_id, speaker_name, and speaker_affiliation. The data includes rows for Daniel Coelho, Estera Kot, Just Blindbæk MVP, Ásgeir Gunnarsson MVP, Lars Andersen, Shreyas Canchi Radhakrishna, Markus Cozwicz, Maraki Ketema, Eran Benayun, Wilson Lee, Idris Motiwala, Strahinja Rodic, Neel Ball, Devang Shah, Sander van de Velde MVP, and Srdjan Matin. A message at the top says: 'A SQL analytics endpoint for SQL querying was created with this item.' A refresh icon in the top right corner is highlighted with a yellow circle.

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When you first click the refresh button, and while the new tables are loading, you may momentarily see an "Unidentified" folder, but it will quickly disappear.

The screenshot shows the Azure Data Explorer interface. The sidebar includes 'ilate', 'ate', 'wse', 'Lake log', 'ips', 'etrics', 'itor', 'paces', 'F 069', '1_sessi', and 'n_sessi'. The main area shows the same 'raw_2025_europe_speakers' table as before. In the 'Tables' section of the Explorer sidebar, there is an 'Unidentified' folder highlighted with a red box. Below the table, a status bar says 'Loading preview...'. A message at the top says: 'A SQL analytics endpoint for SQL querying was created with this item.'

78 Click the new "sessions" table to admire your work.

The screenshot shows the OneLake interface. On the left is a sidebar with various icons: Home, Copilot, Create, Browse, OneLake catalog, Apps, Metrics, Monitor, Workspaces, and a workspace named 'GSMF 069'. The main area has a 'Home' tab selected at the top. Below it are buttons for 'Get data', 'New semantic model', 'Open notebook', 'Manage OneLake data access (preview)', and 'Update all variables'. A message indicates a SQL analytics endpoint was created. The 'Explorer' section on the left shows a tree view with 'fabcon_session_info' expanded, revealing 'Tables' which contains 'raw_2025_europe....' and 'GSMF 069.fabcon_session_info.sessions'. The 'sessions' table is highlighted with a red circle. To the right, the 'raw_2025_europe_speakers' table is displayed with 21 rows of data. The columns are 'session_id', 'speaker_name', and 'speaker_affiliation'. The data includes speakers like Daniel Coelho, Estera Kot, Just Blindbæk MVP, Ásgeir Gunnarsson MVP, Lars Andersen, Shreyas Canchi Radhakrishna, Markus Cozowicz, Maraki Ketema, Eran Benayun, Wilson Lee, Idris Motiwala, Strahinja Rodic, Neel Ball, Devang Shah, Sander van de Velde MVP, Srdjan Matin, and Filip Popović, all affiliated with Microsoft.

| session_id | speaker_name | speaker_affiliation |
|------------|-----------------------------|--------------------------------|
| 1000 | Daniel Coelho | Microsoft |
| 1000 | Estera Kot | Clouds on Mars , United States |
| 1001 | Just Blindbæk MVP | twoday kapacity |
| 1001 | Ásgeir Gunnarsson MVP | North Insights ApS. |
| 1001 | Lars Andersen | Microsoft |
| 1002 | Shreyas Canchi Radhakrishna | Microsoft |
| 1002 | Markus Cozowicz | Microsoft |
| 1003 | Maraki Ketema | Microsoft |
| 1003 | Eran Benayun | Microsoft |
| 1003 | Wilson Lee | Microsoft |
| 1004 | Idris Motiwala | Microsoft |
| 1004 | Strahinja Rodic | Microsoft |
| 1004 | Neel Ball | Microsoft |
| 1005 | Devang Shah | Microsoft |
| 1005 | Sander van de Velde MVP | SDG Group |
| 1006 | Srdjan Matin | Microsoft |
| 1006 | Filip Popović | Microsoft |

79 Click "Refresh" if you see the below message.

The screenshot shows the Databricks interface. In the top left, it says "fabcon_session_info". The top right has a search bar and various icons. Below that, there's a navigation bar with "Home", "Copilot", "Create", "Browse", "OneLake catalog", "Apps", "Metrics", "Monitor", "Workspaces", "GSMF 069", "fabcon_session_info", "fabcon_session_info", and "Power BI". The main area is titled "Explorer" and shows a tree view under "fabcon_session_info". The "Tables" node is expanded, showing "raw_2025_europe_..." and "sessions". The "sessions" node is selected. To its right is a "Table view" dropdown set to "Table view". In the center, there's a large circular icon with a paperclip and some stars, indicating an error. Below it, the text reads "Unable to load table view" and "Try to refresh again. Details". A red circle highlights the "Refresh" button at the bottom of the error message.

80 Click "speakers" to see your speakers table.

The screenshot shows the OneLake interface with the following details:

- Left Sidebar:** Includes icons for Home, Copilot, Create, Browse, OneLake catalog, Apps, Metrics, Monitor, Workspaces, GSMF 069, fabcon_session_info, and Power BI.
- Top Bar:** Features a search bar, a message about a SQL analytics endpoint, and buttons for Lakehouse, Share, and Help.
- Central Area:** The title is "sessions" and it says "Showing 158 rows".
- Table View:** A grid of 158 rows with columns: session_id, title, detail_url, start, end, level, topic, and track.
- Explorer Sidebar:** Shows the database structure. Under "fabcon_session_info", there are "Tables" (raw_2025_europe_..., raw_2025_europe_..., speakers) and "Files". The "speakers" table is highlighted with a red circle.
- Status Bar:** Shows "Succeeded (2 sec 267 ms)" and "Columns 18 Rows 158".