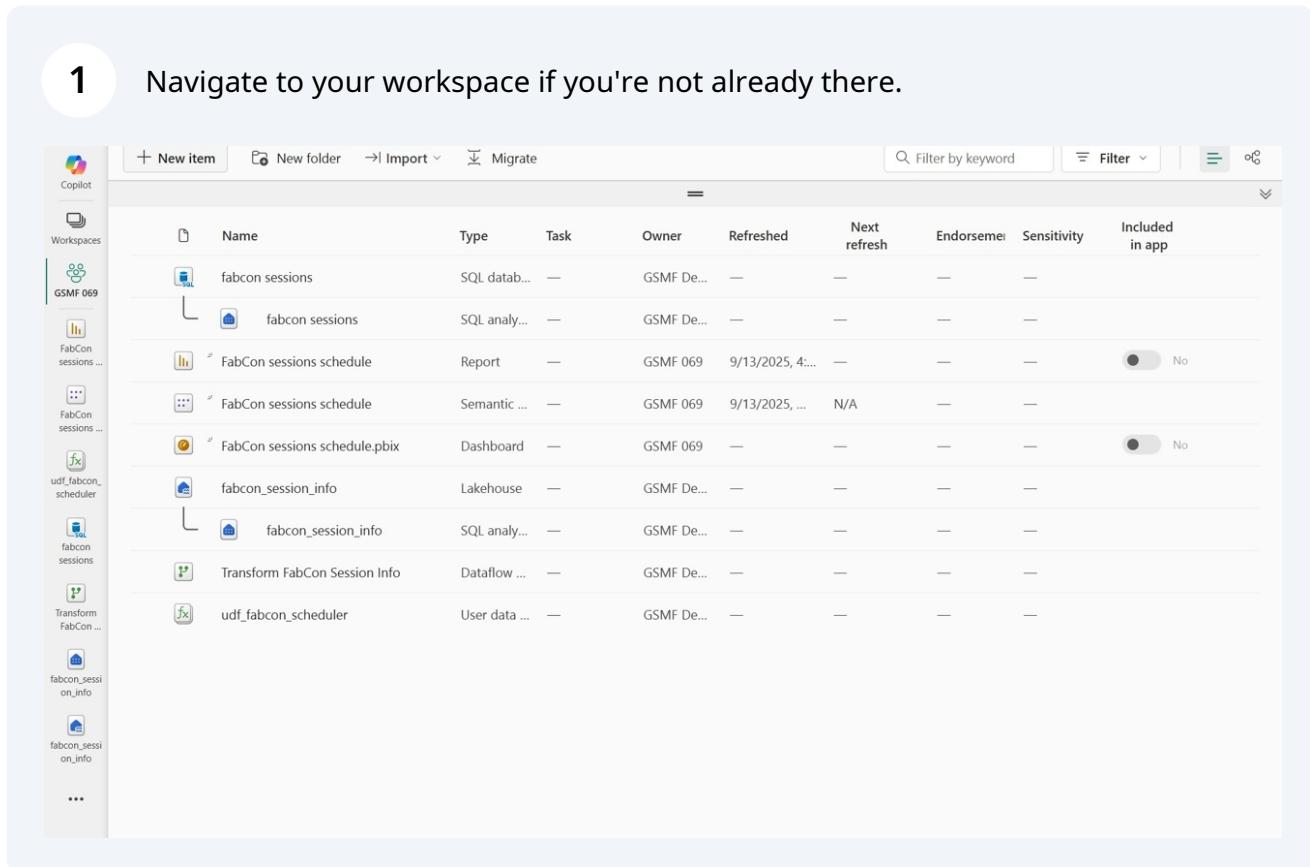


4c. Create a Power BI report with write-back

Training. 

1

Navigate to your workspace if you're not already there.



The screenshot shows the Power BI workspace list view. On the left, there's a sidebar with workspace navigation. The main area displays a table with columns: Name, Type, Task, Owner, Refreshed, Next refresh, Endorsement, Sensitivity, and Included in app. The table lists several items:

Name	Type	Task	Owner	Refreshed	Next refresh	Endorsement	Sensitivity	Included in app
fabcon sessions	SQL database	—	GSMF De...	—	—	—	—	No
fabcon sessions	SQL analysis	—	GSMF De...	—	—	—	—	No
FabCon sessions schedule	Report	—	GSMF 069	9/13/2025, 4:...	—	—	—	No
FabCon sessions schedule.pbix	Semantic model	—	GSMF 069	9/13/2025, ...	N/A	—	—	No
fabcon_session_info	Dashboard	—	GSMF 069	—	—	—	—	No
fabcon_session_info	Lakehouse	—	GSMF De...	—	—	—	—	No
Transform FabCon Session Info	SQL analysis	—	GSMF De...	—	—	—	—	No
udf_fabcon_scheduler	Dataflow	—	GSMF De...	—	—	—	—	No
udf_fabcon_scheduler	User data	—	GSMF De...	—	—	—	—	No

2

Click your semantic model to see the details.

The screenshot shows the Power BI workspace interface. The left sidebar lists various workspaces, with 'GSMF 069' selected. The main area displays a table of semantic model details. One row, 'FabCon sessions schedule', is highlighted with a red circle. The table columns include Name, Type, Task, Owner, Refreshed, Next refresh, Endorsement, Sensitivity, and Included in app. The 'Included in app' column for the highlighted row shows a switch set to 'No'.

Name	Type	Task	Owner	Refreshed	Next refresh	Endorsement	Sensitivity	Included in app
fabcon sessions	SQL database	—	GSMF 069	—	—	—	—	No
fabcon sessions	SQL analysis	—	GSMF 069	—	—	—	—	No
FabCon sessions schedule	Report	—	GSMF 069	9/13/2025, 4:17:20 PM	—	—	—	No
FabCon sessions schedule.pbix	Semantic model	—	GSMF 069	9/13/2025, 4:17:20 PM	N/A	—	—	No
fabcon_session_info	Dashboard	—	GSMF 069	—	—	—	—	No
fabcon_session_info	Lakehouse	—	GSMF 069	—	—	—	—	No
Transform FabCon Session Info	SQL analysis	—	GSMF 069	—	—	—	—	No
udf_fabcon_scheduler	Dataflow	—	GSMF 069	—	—	—	—	No
udf_fabcon_scheduler	User data	—	GSMF 069	—	—	—	—	No

Create a new report

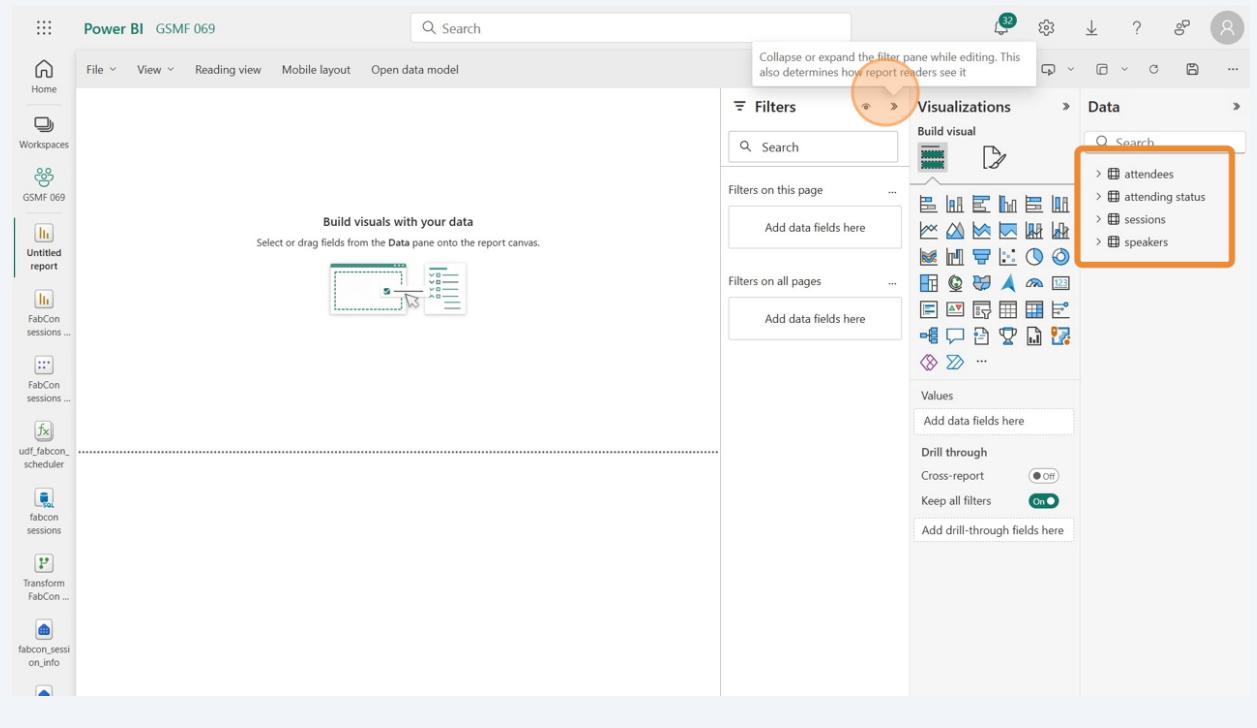
3

Click the "Explore" button and then "Create a blank report".

The screenshot shows the semantic model details page for 'FabCon sessions schedule'. The 'Explore' button in the top navigation bar is highlighted with a red circle. A dropdown menu is open, showing options: 'Explore this data', 'Auto-create a report', 'Create a blank report' (which is also highlighted with a red circle), and 'Create a paginated report'. To the right, there's a 'Tables' section where users can select tables and columns to view or export data. Below the navigation bar, there are sections for 'Discover business insights' and 'Share this data', each with a corresponding button: 'Explore this data' and 'Share semantic model'.

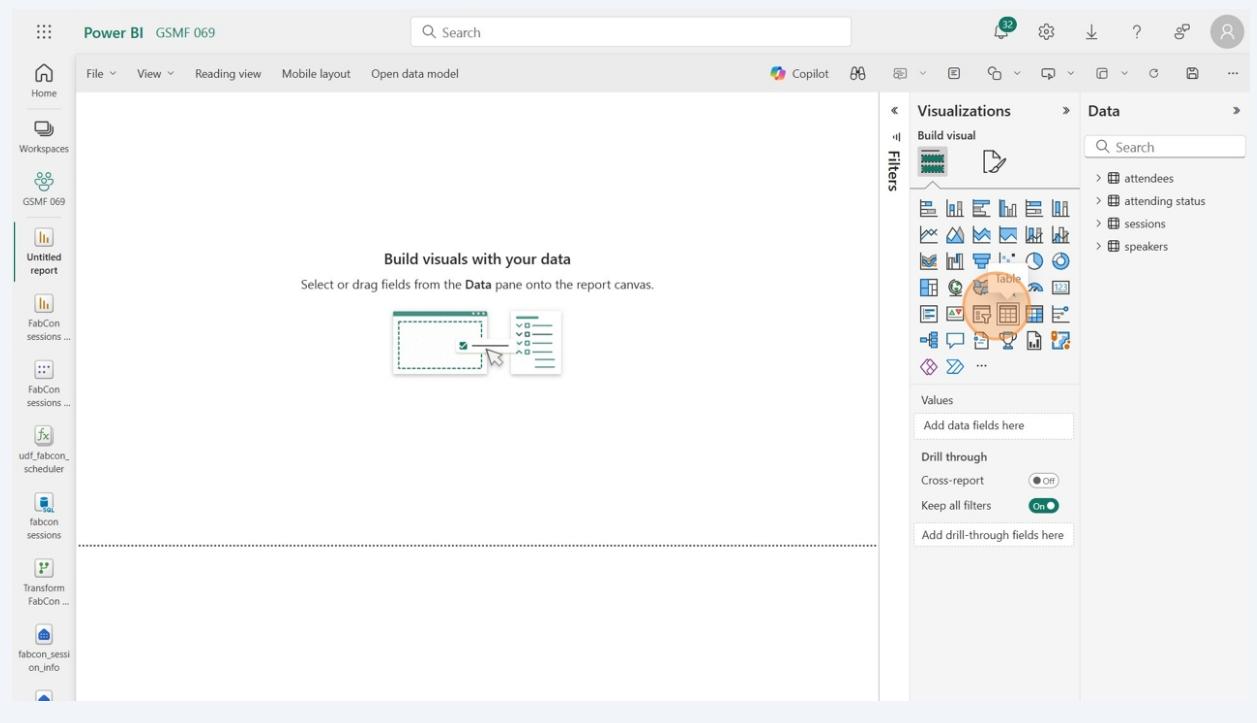
4

Now we're in a report editor and are connected to the semantic model. You can see the four tables for the model in the Data pane on the right side. We won't work with the Filter pane today so you can minimize it to get more space on the canvas.



5

First let's add a table to the canvas to see a list of FabCon sessions. Click on the "Table" visual in the Visualizations pane to add a table to the canvas.



- 6 With the table visual selected, open up the "sessions" table and some of the fields to the table, such as the session_id, the title, maybe the day.

The screenshot shows the Power BI desktop interface. On the left, the 'FabCon sessions' workspace is selected. In the center, a table visual displays a list of sessions with columns: session_id, Day, and Title. The first few rows of data are:

session_id	Day	Title
1000	Monday	Mastering Data Engineering Pipelines and CI/CD in Microsoft Fabric
1001	Monday	Mastering Fabric Administration
1002	Monday	A Practical Guide to Building and Deploying Fabric Data Agents for Deeper Insights
1003	Monday	Mastering the Essentials of Data Factory
1004	Monday	Build AI-Ready Apps with SQL Database in Microsoft Fabric (Hands-on)
1005	Monday	Masterclass in building event-driven architectures using Microsoft Fabric (Hands-on)
1006	Monday	Hands-On Approach to Building Scalable Data Warehouse Solutions with Microsoft Fabric
1007	Monday	Getting Started with Microsoft Fabric
1008	Monday	Getting Started with Power BI: A Hands-On Workshop
1009	Monday	What's New in Governing Your Data Estate with Microsoft Purview
1010	Monday	Chat with Your Data: Unlocking AI Insights in Power BI
1011	Tuesday	CORENOTE: The roadmap for Microsoft SQL ground to cloud to fabric
1012	Tuesday	CORENOTE: Fabric Data Factory: What's New and Roadmap
1013	Tuesday	CORENOTE: Fabric Data Warehouse - what's new, what's next
1014	Tuesday	TMDL Playoffs: Boost Your Power BI Productivity
1015	Tuesday	Demystifying Spark Profile Optimizations in Microsoft Fabric
1016	Tuesday	Building Multi-Agent Systems for Enterprise Data with Azure AI Foundry & Fabric Data Agents
1017	Tuesday	CORENOTE: Microsoft Purview Data Governance in the era of AI
1018	Tuesday	Trust Your Data's Journey: Deep Dive into Technical Logging for Fabric's Meta-Driven Pipelines

To the right, the 'Data' pane is open, showing the 'sessions' table with several fields selected: session_id, Day, and Title. The 'Drill through' section is set to 'On'. The 'Add drill-through fields here' button is visible.

7

Now add another table to the canvas to see an attendee list. Click away from the first table, somewhere in the whitespace of the canvas. Then click the table visual again to add another table to the canvas. Add the session_id from the sessions table.

The screenshot shows the Power BI canvas with two tables added. The first table, 'sessions', has columns: session_id, Day, Title. The second table, 'attendees', has columns: session_id, Attendee. In the 'attendees' table, the 'Selected Status' checkbox is checked. A red box highlights the 'Attendee' column in the 'attendees' table. The 'Columns' pane on the right shows session_id and Attendee selected.

8

Expand the attendees table and add the Attendee column to the table. As soon as you add it you'll notice the table displays no rows. This is because we have no data in the attendee table yet. We'll add some with your UDF and then it will appear here.

The screenshot shows the Power BI canvas with the 'attendees' table expanded. The 'Attendee' column has been added to the table. The 'Attendee' column is highlighted with a red box. The 'Columns' pane shows session_id and Attendee selected.

9

We're going to add another visual to the canvas to show us the values that will be saved to the database. Click in the white space on the canvas so you don't accidentally modify the existing visuals.

The screenshot shows the Power BI interface with the 'FabCon sessions' report selected. The left sidebar lists various datasets and reports. The main area displays a table with columns: session_id, Day, and Title. The 'Visualizations' pane on the right contains a grid of icons representing different types of charts and cards. A large orange circle is drawn over the empty white space on the canvas, indicating where a new visual should be placed without modifying the existing ones.

10

Click the "Multi-row card" visual to add it to the canvas.

This screenshot is similar to the previous one, showing the 'FabCon sessions' report in Power BI. The 'Visualizations' pane now has the 'Multi-row card' icon highlighted with a large orange circle, indicating it is the selected visual to be placed on the canvas.

11 Add three measures to the multi-row card:

- User
- Selected Session
- Selected Status

The screenshot shows a Power BI report titled "Power BI GSMF 069". The left sidebar lists various datasets: "GSMF 069", "Untitled report", "FabCon sessions ...", "FabCon sessions", "udf_fabcon_scheduler", "fabcon_sessions", "Transform FabCon ...", "fabcon_session_info", "fabcon_session_info", and "...". The main area displays a table with columns "session_id" and "Title". A multi-row card is present, containing the following text:
GSMFuser069@fabcon25e...
User
(Blank)
Selected Session
(Blank)
Selected Status

The "Fields" pane on the right shows three selected fields: "User", "Selected Session", and "Selected Status". The "Data" pane on the right is expanded, showing categories for "attendees", "sessions", and "speakers". Under "speakers", the following fields are listed with checkboxes:
Selected Session (checked)
Selected Sta... (checked)
session_id
Speaker count
Speakers
startdt
Time
Title
Topic
Track
URL
User (checked)

12

When you haven't clicked any rows in the table, "Selected session" shows as (Blank). Click a row in the table to see a value populate in the card. Click the same row again to de-select it and see "Selected Session" go back to (Blank). This will be important for the write-back functionality.

The screenshot shows a Power BI report titled "Power BI GSMF 069". On the left, there's a navigation pane with various workspace and report options. The main area contains a table with columns: session_id, Day, and Title. One row, "1007 Monday Getting Started with Microsoft Fabric", is highlighted with an orange border. To the right, a "Selected Session" card displays the session ID "1007" and the status "(Blank)". The "Filters" pane on the far right shows the selected session ID "1007" under the "Selected Session" section.

13

Next we'll add a slicer to the canvas to allow the user to select an attending status. Click in the white space of the canvas before adding another visual to make sure the other visuals on the page are not selected.

This screenshot is similar to the previous one, showing the same Power BI report and table of sessions. The "Selected Session" card now shows the status "Selected Status". The "Filters" pane on the right is expanded, showing the "Selected Session" and "Selected Status" filters. A large orange circle is drawn over the white space of the canvas area, indicating where a user should click to add a new visual without selecting existing ones.

14

Click this Slicer visual to add it to the canvas.

The screenshot shows the Power BI desktop interface. On the left, the 'Visualizations' pane is open, displaying various visualization icons. One specific icon, a grid with a circular filter symbol, is highlighted with a red oval. This is the 'Slicer' visual. The main workspace shows a table named 'sessions' with columns 'session_id', 'Day', and 'Title'. The 'Data' pane on the right lists fields such as 'Attendee', 'Status', and 'attending status'. The 'attending status' field is expanded, showing its sub-fields: 'status' and 'Selected Status'.

15

Add the status column from the "attending status" table to the slicer.

This screenshot is similar to the previous one but focuses on the 'Data' pane. The 'attending status' table is expanded, and the 'status' field is highlighted with a red oval. A tooltip above the field says 'Select or drag fields to populate this'. In the 'Visualizations' pane, a small preview of the Slicer visual is shown with a red oval around it, indicating where the selected field should be placed.

16

Now we'll just do a little formatting on the slicer. Click the paintbrush to enter the formatting section.

The screenshot shows a Power BI report titled "Power BI GSMF 069". On the left, there's a navigation pane with various workspace items. The main area displays a table with columns "session_id", "Day", and "Title". A slicer is present at the bottom of the table, with the field "status" selected. The "Filters" pane on the right shows the status filter with two options: "Definitely" and "Maybe". The "Format your visual" pane is open, and the "Build visual" tab is selected. A large orange circle highlights the paintbrush icon in the top right corner of this pane.

17

Expand "Slicer settings" and "Options". In the Style section change it from "Vertical List" to "Tile."

This screenshot is similar to the previous one but shows the "Slicer settings" and "Options" sections expanded in the "Format visual" pane. The "Style" dropdown is open, showing "Vertical list", "Tile", and "Dropdown". A large orange circle highlights the "Tile" option. The rest of the interface is identical to the first screenshot, showing the workspace navigation, table data, and filter panes.

18

Expand the "Selection" group and toggle Single-select to "On" to force a single selection. You can also turn the Slicer header off if you like.

The screenshot shows a Power BI interface with a list of sessions on the left and a slicer configuration on the right.

Left Side (List of Sessions):

session_id	Attendee	Status
1000	Monday	Mastering Data Engineering git and CI/CD in Microsoft Fabric
1001	Monday	Mastering Fabric Administration
1002	Monday	A Practical Guide to Building and Deploying Fabric Data Agents for Deeper Insights
1003	Monday	Mastering the Essentials of Data Factory
1004	Monday	Build AI-Ready Apps with SQL Database in Microsoft Fabric (Hands-on)
1005	Monday	Masterclass in building event-driven architectures using Microsoft Fabric (Hands-on)
1006	Monday	Hands-On Approach to Building Scalable Data Warehouse Solutions with Microsoft Fabric
1007	Monday	Getting Started with Microsoft Fabric
1008	Monday	Getting Started with Power BI: A Hands-On Workshop
1009	Monday	What's New in Governance: Your Data Estate with Microsoft Purview
1010	Monday	Chart with Your Data: Unlocking AI Insights in Power BI
1011	Tuesday	CORENOTE: Microsoft Fabric from Microsoft SQL ground to cloud to fabric
1012	Tuesday	CORENOTE: Fabric Data Factory: What's New and Roadmap
1013	Tuesday	CORENOTE: Fabric Data Warehouse - what's new, what's next
1014	Tuesday	TMDI Playoffs: Boost Your Powers BI Production!
1015	Tuesday	Demystifying Spark Profile Optimizations in Microsoft Fabric
1016	Tuesday	Building Multi-Agent Systems for Enterprise Data with Azure AI Foundry & Fabric Data Agents
1017	Tuesday	CORENOTE: Microsoft Purview Data Governance in the era of AI
1018	Tuesday	Trust Your Data's Journey: Deep Dive into Technical Logging for Fabric's Meta-Driven Pipelines

Right Side (Slicer Configuration):

- Filters:** GSMF user 069@fabcon25e...
- Selected Session:** 1007
- Selected Status:** (Blank)
- Slicer settings:**
 - Style:** Tile
 - Selection:** Single select (radio button selected, highlighted with a red oval)
 - Multi-select with C...** (radio button)
 - Show "Select all" o...** (radio button)
- Slicer header:** On (radio button)
- Values:** A list of various session properties: session_id, attendee, status, attending status, sessions, attendee_count, conf_id, conference, date, day, daynum, description, end, enddt, length, level, location, selected_session, selected_status, session_id, speaker_count, speakers, startdt, time, title, topic.

Add an action button to trigger a UDF

19

Now it's time to make the write-back magic happen! We'll add a button to the page to hook up your UDF. Click again in the blank space on the page.

The screenshot shows the Microsoft Power BI interface. The ribbon at the top has 'File', 'View', 'Reading view', 'Mobile layout', and 'Open data model'. The main area displays a table with columns 'session_id', 'Day', and 'Title'. A tooltip for the 'Title' column shows a list of sessions from 1000 to 1018. To the right is the 'Visualizations' pane, which includes a 'Build visual' section, a 'Filters' section with dropdowns for 'User', 'Selected Session', 'Definitely', and 'Selected Status', and a large orange circular placeholder for a button. The 'Data' pane on the far right lists various data fields like 'attendees', 'attending status', 'sessions', etc., with checkboxes next to them.

20

Click the "Buttons" icon in the ribbon and select "Blank."

This screenshot is similar to the previous one, showing the Power BI interface with the ribbon and Visualizations pane. The difference is that a context menu is open from the 'Buttons' icon in the ribbon. The menu items include 'Left arrow', 'Right arrow', 'Reset', 'Back', 'Information', 'Help', 'Q&A', 'Bookmark', and 'Blank'. The 'Blank' option is highlighted with an orange circle. The rest of the interface remains the same, with the orange circular placeholder in the Visualizations pane.

21

It automatically puts the button on the top left part of the canvas. Click it and drag it down below the slicer.

The screenshot shows a Power BI report titled "Power BI GSMF 069". On the left, there's a navigation pane with various workspace and data source icons. The main area displays a list of sessions with columns for session_id, Day, Title, and Description. A blank button is selected in the top-left corner of the canvas. The "Format button" pane is open, showing the "General" tab with "Definitely" selected. The "Style" tab is expanded, showing the "Text" section with "Add/Update" entered. The "attendees" filter is applied to the "Status" field.

22

With the new blank button selected, expand the "Style" section. Turn the "Text" toggle to "On" and enter "Add/Update" for the text. This will be the button that saves the selection to the attendees table.

The screenshot shows the same Power BI report as the previous one, but with the blank button now positioned below the slicer. The "Format button" pane shows the "Text" section with "Add/Update" selected and the "On" toggle turned on. The "attendees" filter is still applied to the "Status" field.

23

Scroll to the bottom of the "Style" section and turn the "Action" toggle on. This is where we tell the button what to do.

The screenshot shows a Power BI report with a table of sessions on the left and a 'Definitely Selected Status' button on the right. The 'Style' pane is open, showing various options like Text, Icon, Fill, Border, Shadow, and Glow. The 'Action' section is expanded, showing a dropdown menu with options: Back, Bookmarks, Drill through, Page navigation, Q&A, Web URL, Apply all slicers, Clear all slicers, and Data function. The 'Data function' option is highlighted with an orange circle. The 'On' toggle switch for the Action section is also highlighted with an orange circle.

24

Change the "Type" dropdown from "Back" to "Data function."

The screenshot shows the same Power BI report and 'Style' settings as the previous image. The 'Action' section is still expanded, but the 'Type' dropdown has been changed from 'Back' to 'Data function'. The 'Data function' option is highlighted with an orange circle. The 'On' toggle switch for the Action section is also highlighted with an orange circle.

25

As soon as you select "Data function", you'll get more options to fill out.

The screenshot shows the Scribe interface with a report titled 'Untitled report'. The report content lists sessions from Monday to Tuesday, including titles like 'Getting Started with Microsoft Fabric' and 'CORENOTE: The roadmap for Microsoft SQL ground to cloud to fabric'. On the right, the 'Action' panel is open, showing various styling options. A dropdown menu under 'Action Type' is set to 'Data function'. The 'Workspace' dropdown is highlighted with an orange circle, showing options like 'None', 'My workspace', 'GSMF 069', and 'tester'. The 'Function Set' dropdown is also visible. Other settings like 'Refresh the report ...' and 'Tooltip' are shown below.

26

First choose your workspace in the "Workspace" dropdown, which will then populate the "Function Set" dropdown.

This screenshot is similar to the previous one, but the 'Function Set' dropdown has been populated with options corresponding to the chosen workspace. For example, if 'My workspace' was selected, the dropdown would show 'My workspace' and other specific function sets defined in that workspace. The rest of the interface, including the report content and styling panel, remains the same.

27

In the Function Set dropdown, you should see the name of your User Defined Function. Select that, which will then populate the "Data function" dropdown.

The screenshot shows the Power BI Report Builder interface. On the left, there's a list of datasets and tables. In the center, a table is displayed with columns for session_id, Attendee, and Status. A button is being configured on the right. The 'Function Set' dropdown in the Action pane is set to 'udf.fabcon_scheduler', which is circled in red. The 'Data function' dropdown below it shows 'None' at the top, followed by 'save_to_agenda' and 'delete_from_agenda'. Other options like 'Icon', 'Fill', and 'Border' are also visible in the Action pane.

28

In the Data function dropdown, select the "save_to_agenda" function. We'll add another button later for the delete function.

This screenshot is similar to the previous one but focuses on a different button configuration. The 'Data function' dropdown is now set to 'save_to_agenda', which is circled in red. The 'Action' section still has 'Type' set to 'Data function'. The rest of the interface, including the table and the 'Function Set' dropdown, remains the same.

29

Now we get even more dropdown! Once you choose the data function, you'll get additional dropdowns for each parameter of the data function. If you remember from your testing, you need three parameters for this function. For the SessionId parameter, click the little "fx" button.

The screenshot shows the Power BI desktop interface. On the left, there's a data view pane with a list of sessions. In the center, a card visual displays 'Definitely Selected Status' with two options: 'Definitely' and 'Maybe'. Below it is an 'Add/Update' button. On the right, the 'Format' pane is open, specifically the 'Action' section under 'Conditional formatting'. A dropdown menu for 'session_id' is expanded, showing 'None' and an 'fx' button, which is circled in red. Other dropdowns for 'Attendee' and 'Status' are also visible, along with a tooltip section and a 'Reset to default' button.

30

Expand the dropdown and find your "Selected Session" measure.

The screenshot shows the 'Format' pane in Power BI with the 'Data' tab selected. A search bar at the top right is empty. The main area shows a dropdown menu titled 'Select an option' with 'Data in this visual' and 'All data' sections. Under 'All data', 'Location' is expanded, showing 'Selected Session' (which is circled in red), 'Selected Status', 'session_id', and 'Speaker count'. At the bottom of the dialog are 'OK' and 'Cancel' buttons, and a link to 'Learn more about conditional formatting'.

31

Click "OK"

The screenshot shows the 'Conditional style' dialog box in Power BI. The 'Field value' dropdown is set to 'Field value'. The 'What field should we base this on?' dropdown is set to 'Selected Session'. A large orange circle highlights the 'OK' button at the bottom right of the dialog. The background shows a Power BI report with a table containing session details like date, title, and speaker.

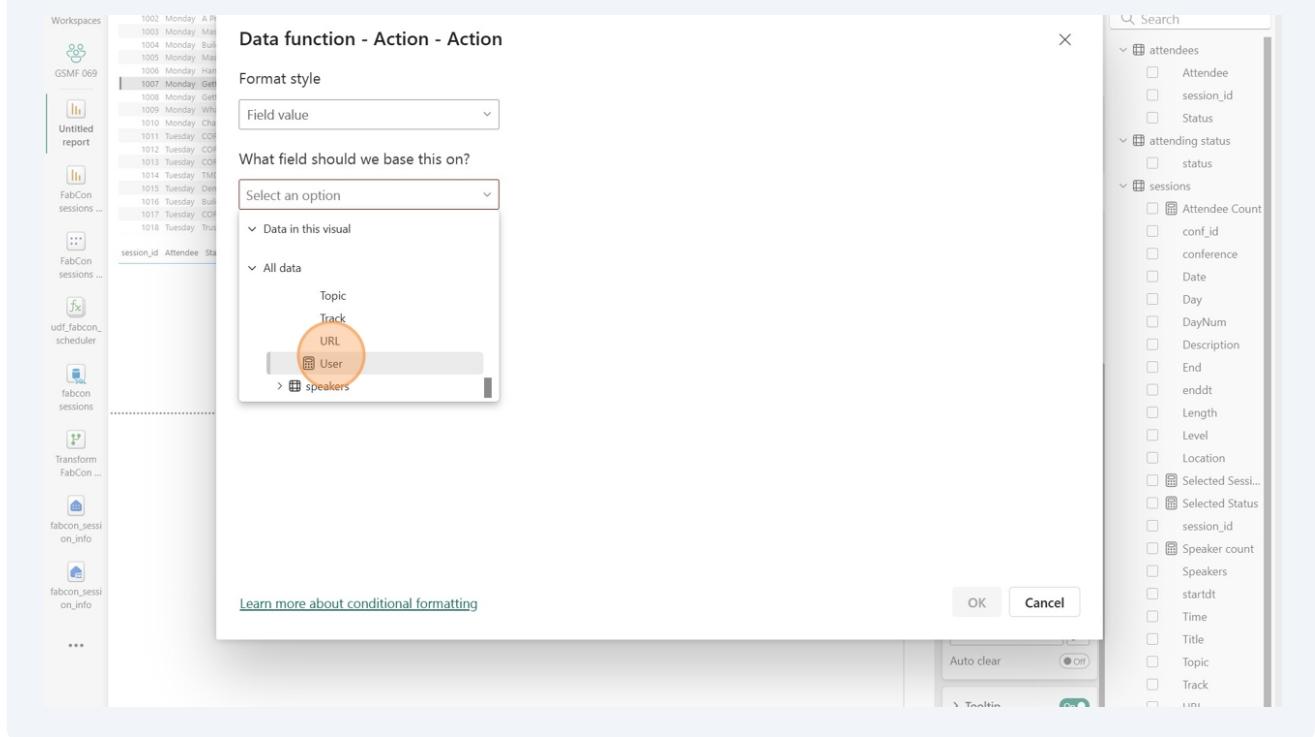
32

Click the "fx" button next to the "Attendee" dropdown.

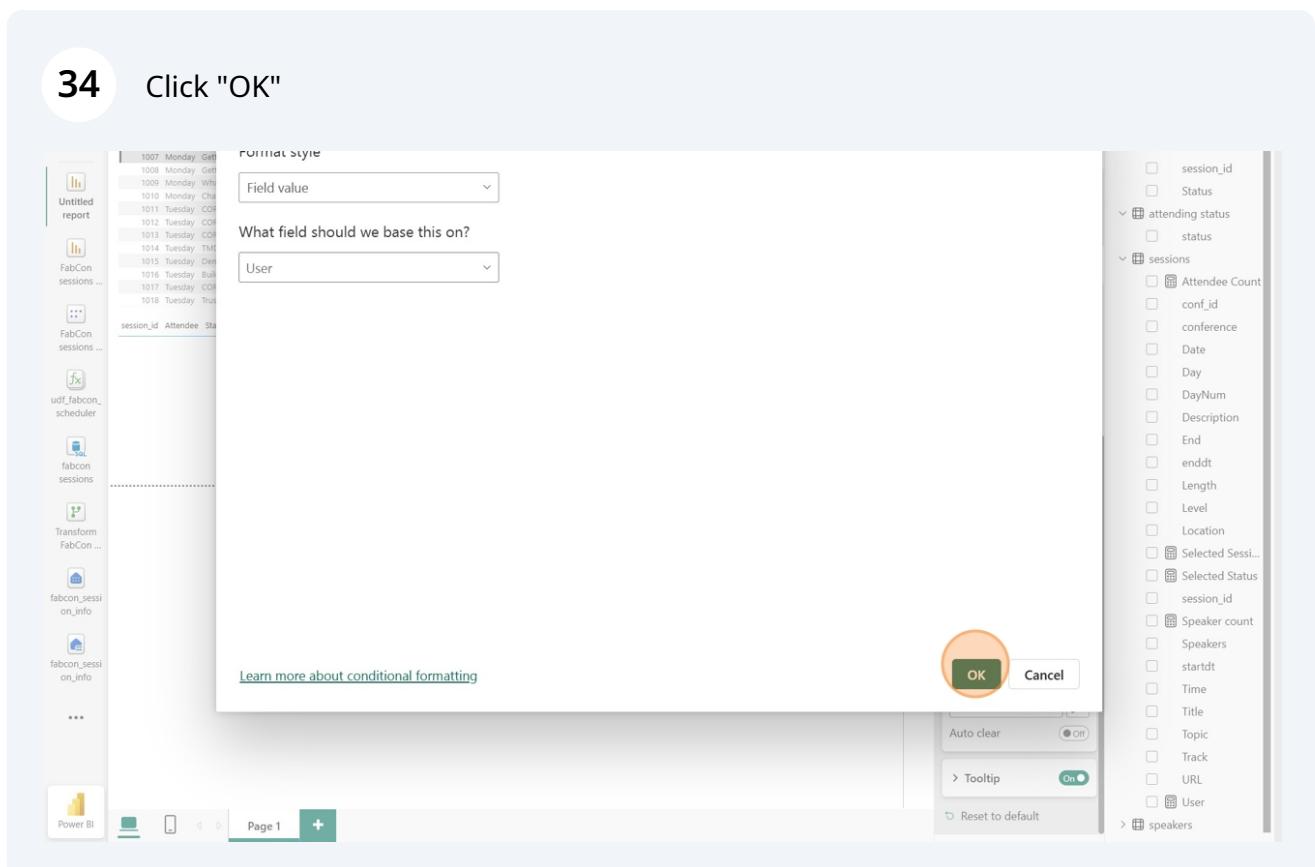
The screenshot shows the 'Conditional style' dialog box in Power BI. The 'Field value' dropdown is set to 'Field value'. The 'What field should we base this on?' dropdown is set to 'Selected Status'. A large orange circle highlights the 'fx' button in the 'Attendee' dropdown under the 'Conditional formatting' section. The background shows a Power BI report with a table containing session details like date, title, and speaker.

33

Expand the dropdown and select your "User" measure.

**34**

Click "OK"



35

Last one! Click the "fx" button next to the "Status" dropdown.

The screenshot shows the Power BI Conditional Formatting dialog box. On the right, there's a tree view of fields under 'Selected Status'. A dropdown menu for 'Status' is open, showing options like 'None', 'Time', 'Title', etc., with 'None' selected. An orange circle highlights the 'fx' button next to the dropdown. The main area shows a 'Definitely Selected Status' card with two buttons: 'Definitely' and 'Maybe'. Below it is a 'Conditional formatting' section with a tooltip: 'Make this property change under different conditions that you define.' The 'fx' button is also highlighted here.

36

Expand the dropdown and choose the "Selected Status" measure.

The screenshot shows the 'Data function - Action - Action' dialog. In the center, there's a 'Format style' dropdown set to 'Field value'. Below it is a dropdown for 'What field should we base this on?'. The 'All data' section is expanded, showing 'Selected Session' and 'Selected Status' under the 'session_id' column. An orange circle highlights the 'Selected Status' option. To the right, a search bar and a tree view of fields are visible. At the bottom, there are 'OK' and 'Cancel' buttons.

37

Click "OK"

The screenshot shows the 'Conditional Style' dialog box in Power BI. It has a dropdown menu 'Field value' set to 'Selected Status'. Below it, a question asks 'What field should we base this on?' with a dropdown menu also set to 'Selected Status'. At the bottom left is a link 'Learn more about conditional formatting'. On the right, there's a preview of a button with 'OK' and 'Cancel' buttons, and a settings panel with 'Auto clear' (off), 'Tooltip' (on), and 'Reset to default'.

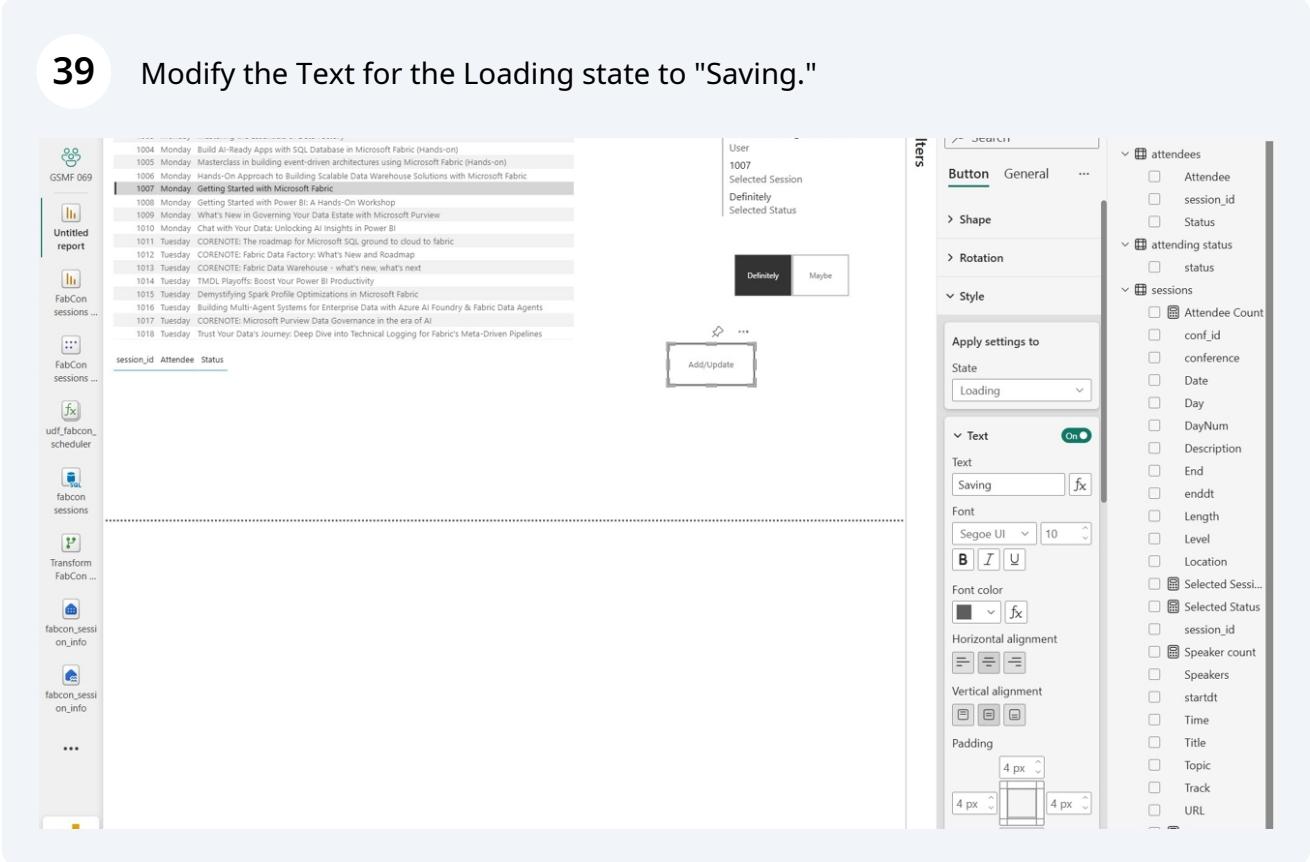
38

User Data Functions can take a few seconds to run and return data to the report, so we want a way to let our end users know that it's processing. To do this we can update the text on the button while the function is running.

Click the "Apply setting to" dropdown in the Style section and select "Loading."

The screenshot shows the 'Style' pane for a button. The 'State' dropdown is set to 'Default', which is highlighted with a red circle. Other options include 'On hover', 'On press', 'Disabled', and 'Loading'. The 'Loading' option is also circled in red. The right side of the pane shows various styling options like 'Font color', 'Horizontal alignment', 'Vertical alignment', and 'Padding'.

39 Modify the Text for the Loading state to "Saving."



Test the button action

40

Select a row in the table so you can see a value for "Selected Session." The values you see in the multi-row card are the values that will be sent through the UDF. Notice that if you don't have selected values, the "Add/Update" button is greyed out. It doesn't become enabled unless there are values for it.

With a row selected click CTRL+Click on the Add/Update button to trigger that action. (Once the report is published, end users only need to click it, not hold down the CTRL key)

The screenshot shows the Power BI desktop interface. On the left, there's a navigation pane with various workspace and data source icons. The main area displays a table with columns: session_id, Day, and Title. A specific row is selected, showing details like session_id 1007, Day Monday, and Title "Selected Session". To the right of the table is a multi-row card with two buttons: "Definitely" and "Maybe". Below the card is a large orange circle highlighting the "Add/Update" button, which is located in the bottom right corner of the card. The ribbon at the top has tabs for File, View, Reading view, Mobile layout, Open data model, Copilot, and other options. The Data pane on the right lists various fields under categories like attendees, sessions, and values, with checkboxes for selecting them.

41 Notice the button says "Saving" while it's running.

A screenshot of the Microsoft Power BI interface. On the left, there's a navigation pane with various workspace and report options. The main area shows a table with columns: session_id, Attendee, and Status. A specific row is selected, and its details are shown on the right: User (GSMF.user069@fabcon25e...), Selected Session (1007), Definitely (Selected Status). Below this, there are two buttons: 'Definitely' and 'Maybe'. In the center, there's a large orange-bordered box containing a white rectangle with the letter 'C' and the word 'Saving' below it. To the right, the 'Visualizations' pane is open, showing various chart and report options. The 'Data' pane on the far right lists various fields and their properties, such as attendees, attending status, and sessions.

42 Also notice the pop-up that lets you know your function was completed.

A screenshot of the Microsoft Power BI interface. The layout is similar to the previous one, with a navigation pane on the left and a main workspace on the right. The table in the center has a single row selected, showing User (GSMF.user069@fabcon25e...), Selected Session (1007), Definitely (Selected Status). Below the table are two buttons: 'Definitely' and 'Maybe'. In the center, there's a white rectangular box with the text 'Add/Update' inside. To the right, the 'Visualizations' pane is visible. A prominent feature is a pop-up window titled 'Request submitted' with the message 'The action on your report was completed successfully'. This window has a green checkmark icon and a close button. The 'Details' section of the pop-up also lists some fields like Attendee, session_id, Status, attending status, status, and sessions. The 'Data' pane on the far right is also present.

43

And finally, you have an attendee row added!! Ta-da!!

The screenshot shows a Power BI report interface. On the left, there's a navigation pane with various workspace and data source icons. The main area displays a table with two columns: 'session_id' and 'Attendee'. A new row has been added, containing '1007' and 'GSMFuser069@fabcon25eu.onmicrosoft.com'. This row is highlighted with a red box. To the right of the table is a 'Filters' section with 'Definitely' and 'Maybe' buttons. Below the table is an 'Add/Update' button. On the far right, there's a 'Visualizations' pane with various chart and map options, and a 'Data' pane listing various fields and their properties.

Add the delete button

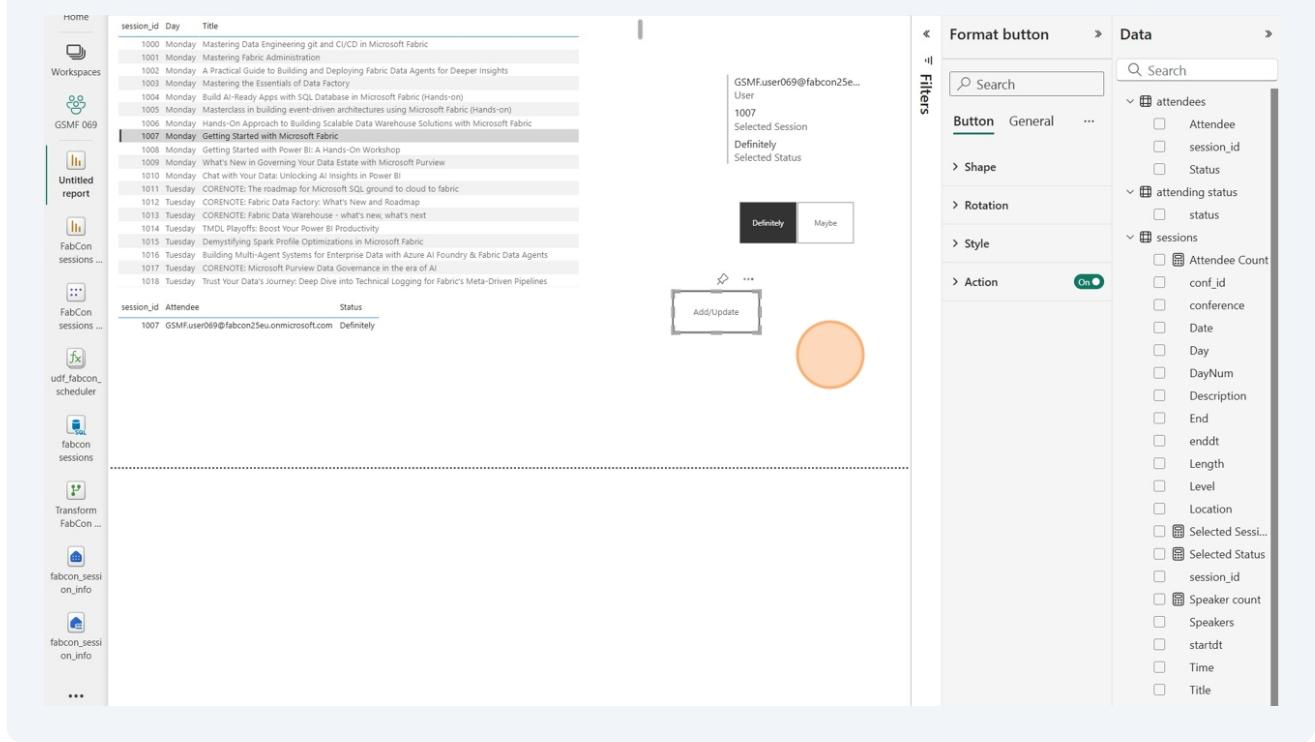
44

Click (not with CTRL) the Add/Update button and copy it by pressing ctrl+c.

This screenshot is similar to the previous one but includes a tooltip over the 'Add/Update' button. The tooltip says 'CTRL+click here to invoke the function'. The rest of the interface, including the table, filters, and data pane, is identical to the previous screenshot.

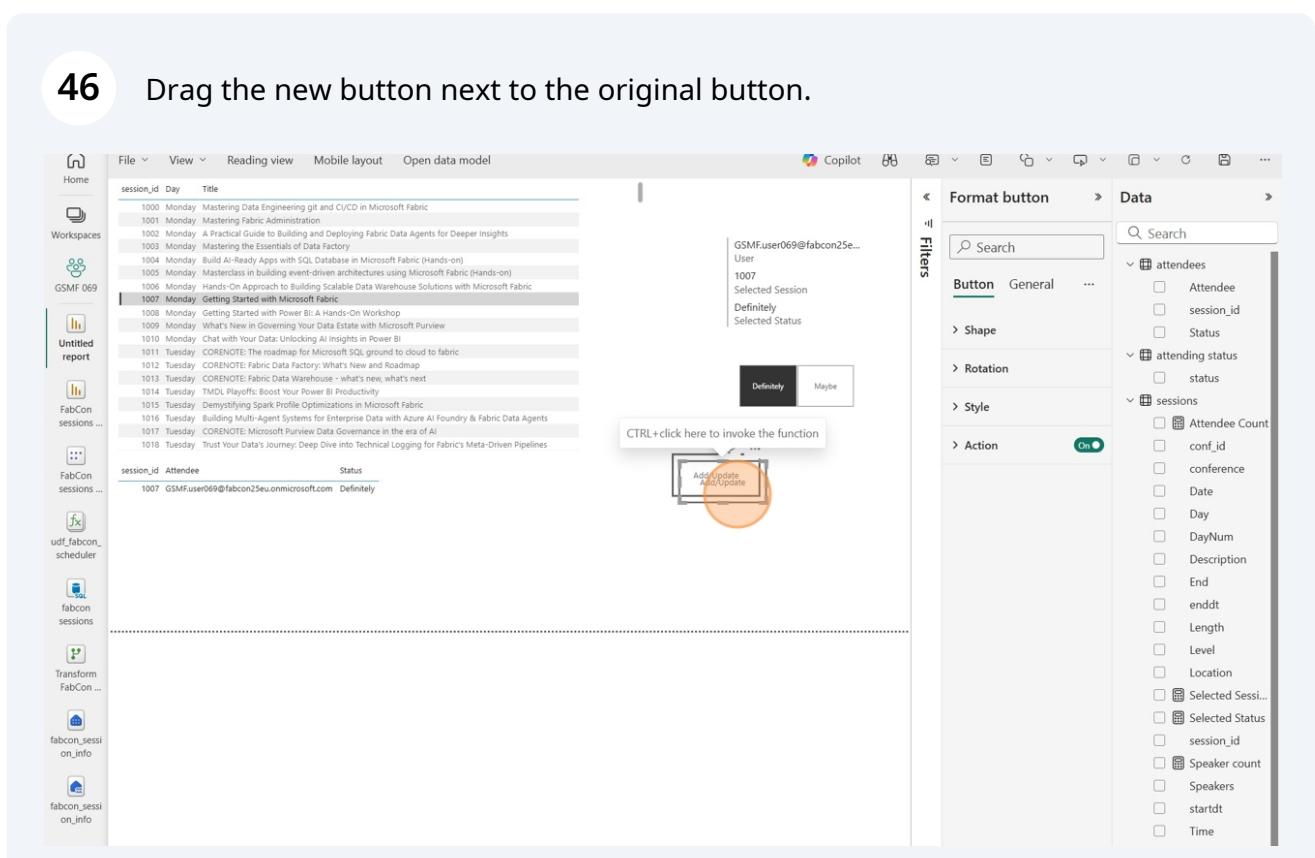
45

Click on the canvas and press ctrl+v to paste a copy of the button to the canvas.

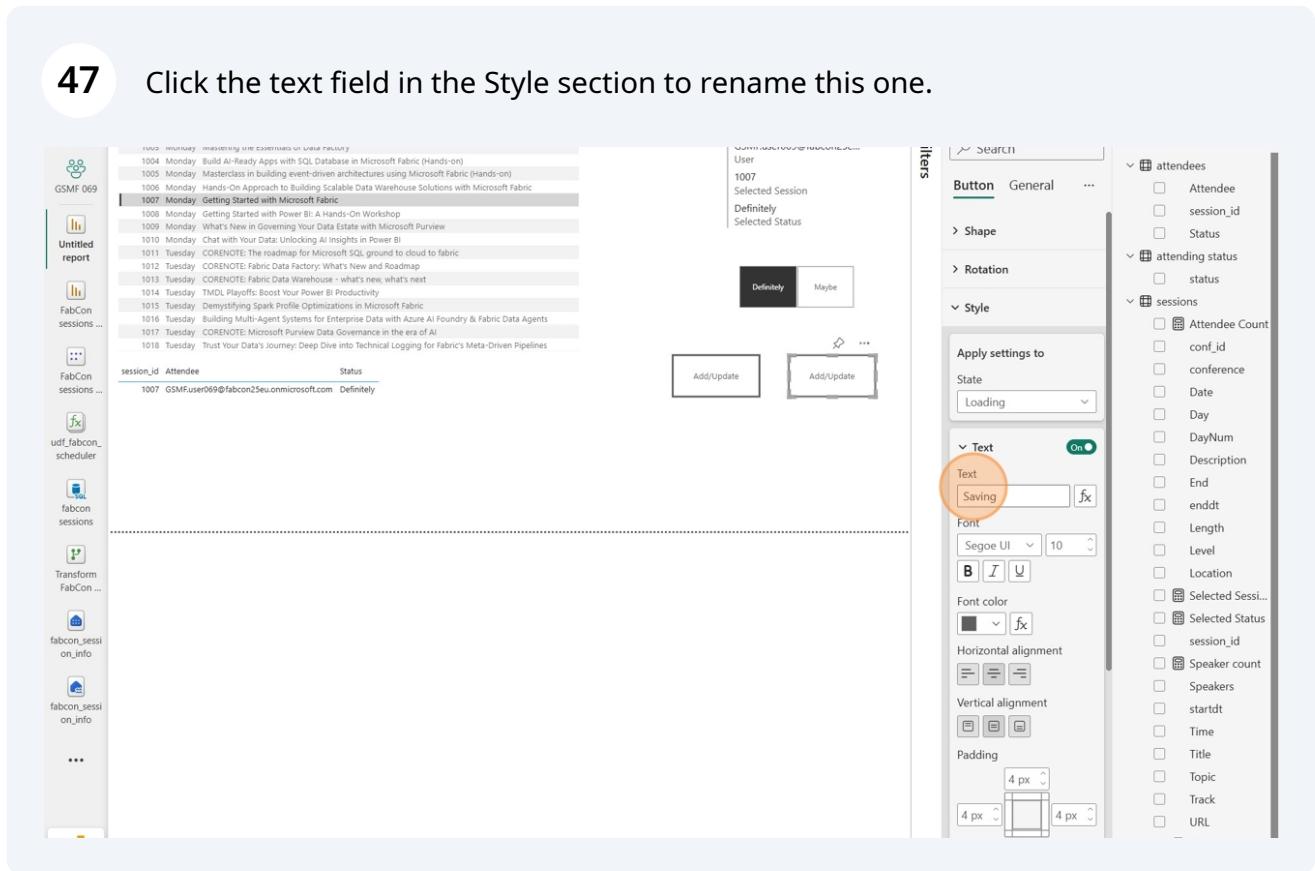


46

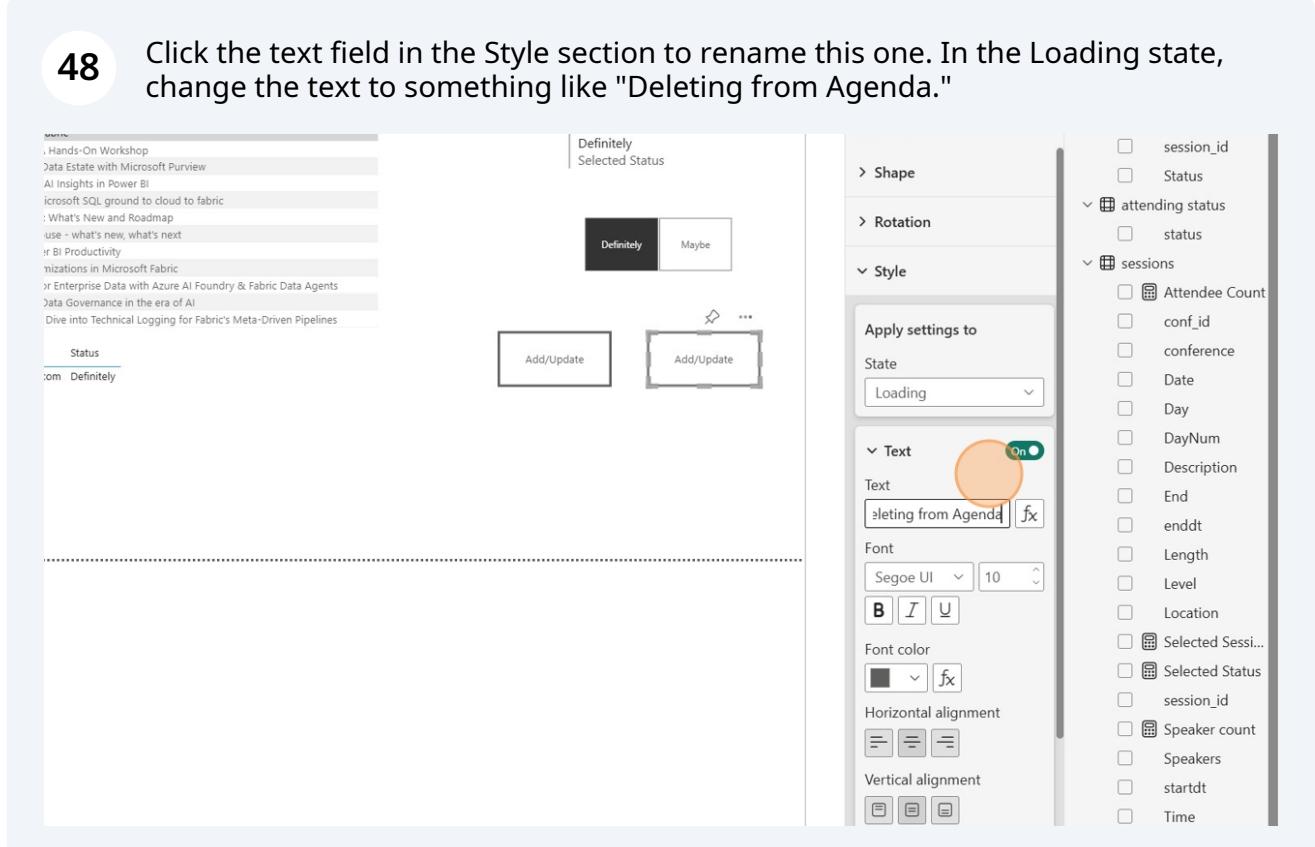
Drag the new button next to the original button.



47 Click the text field in the Style section to rename this one.

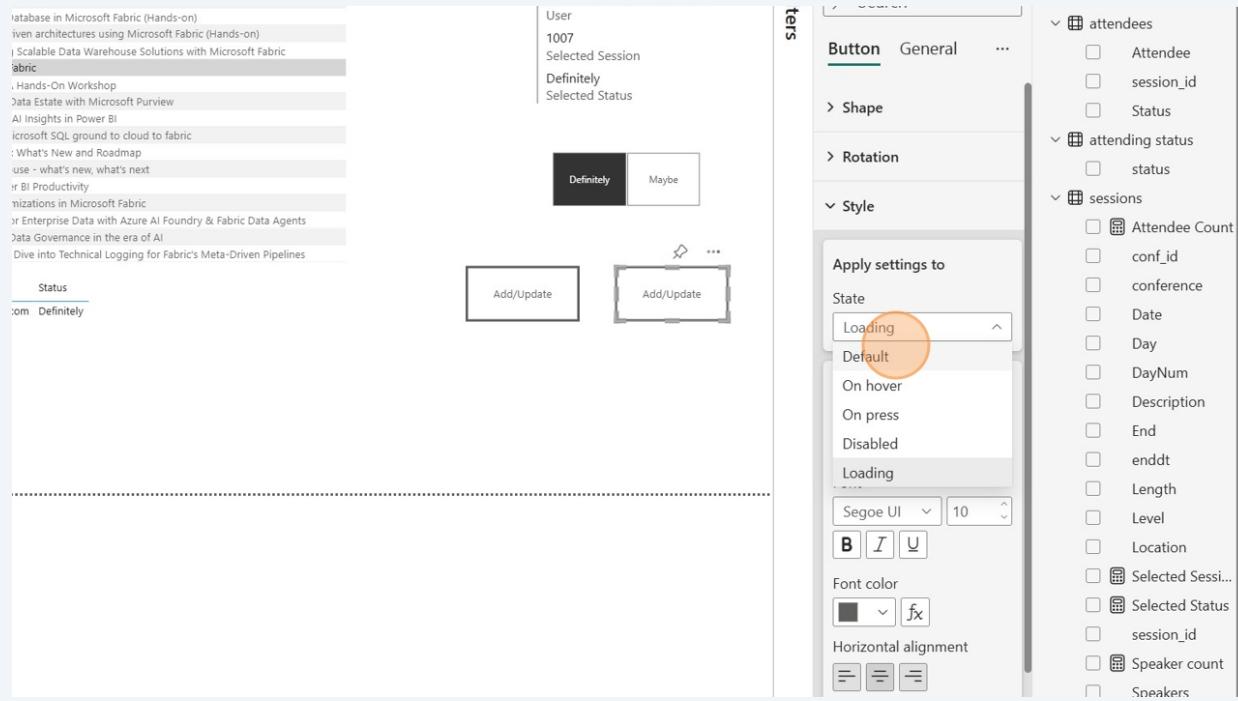


48 Click the text field in the Style section to rename this one. In the Loading state, change the text to something like "Deleting from Agenda."



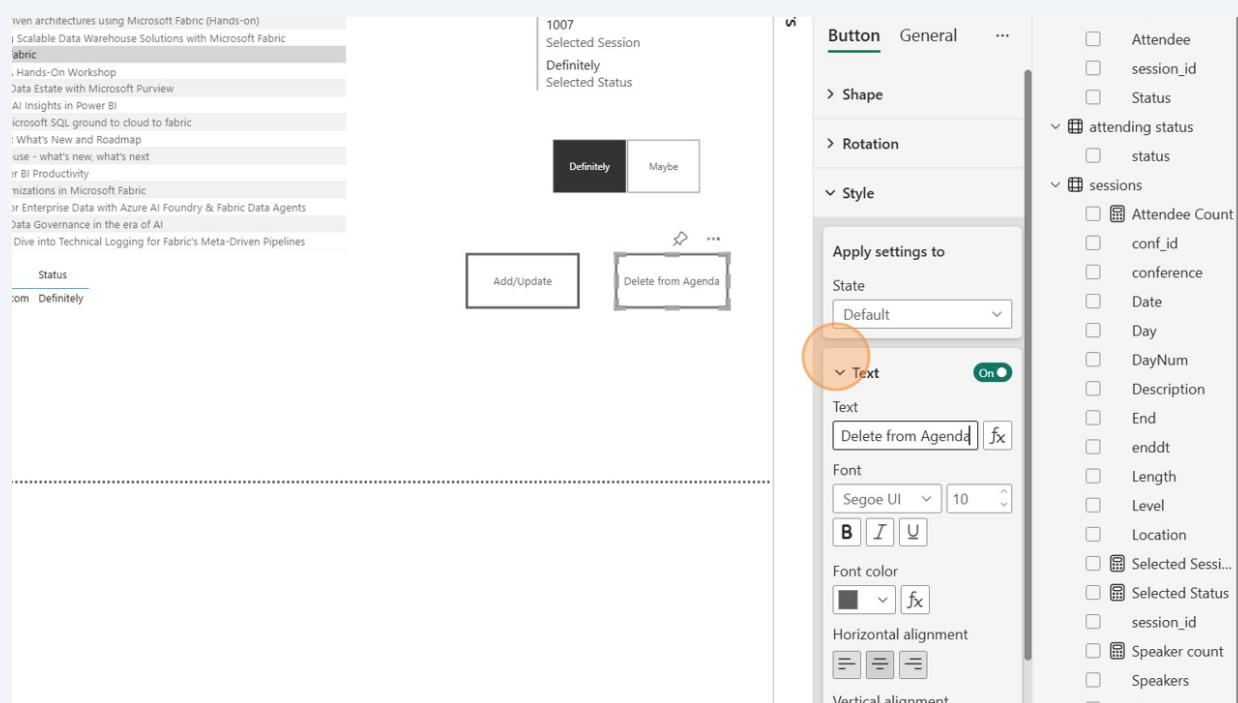
49

Change the state dropdown from "Loading" to "Default" to modify the default text.



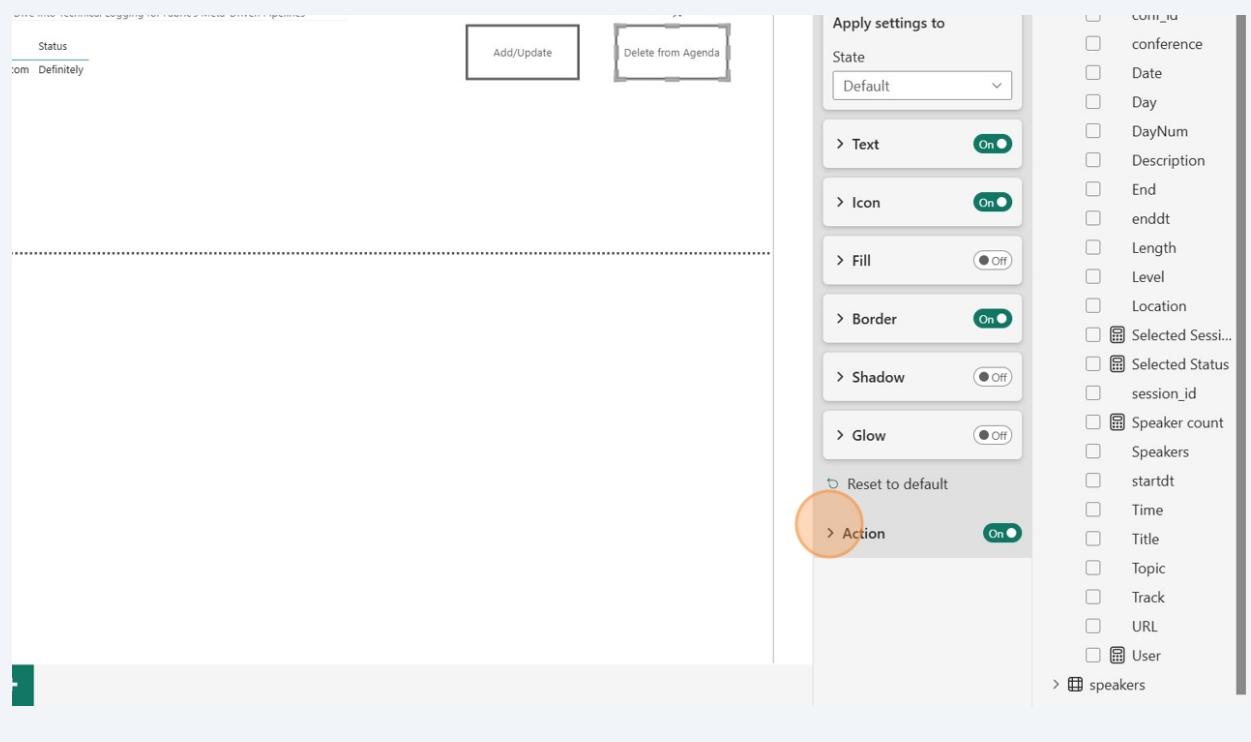
50

Change the Default text to something like "Delete from Agenda."



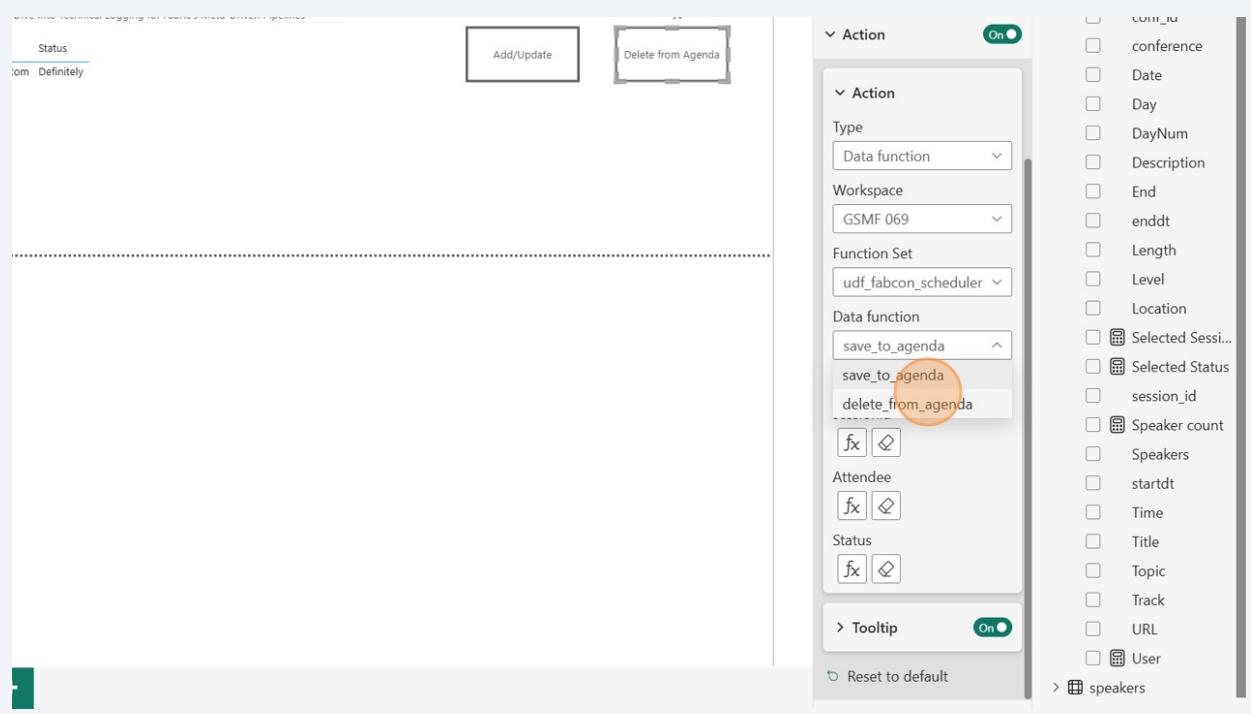
51

Next we'll switch which user defined function this button uses. Scroll to the bottom of the Style section and expand "Action."



52

Everything is already wired up, so we only need to change the Data function from the "save_to_agenda" function to the "delete_from_agenda" function.



53

Once you change the function, notice the only two parameters listed are the ones for the delete function. The Status dropdown has disappeared because the delete function does not use that parameter.

The screenshot shows a software interface with a sidebar on the right containing a list of parameters. A specific section in the center is highlighted with an orange rectangle. This highlighted section contains the following fields:

- Type: Data function
- Workspace: GSMF 069
- Function Set: udf_fabcon_scheduler
- Data function: delete_from_agenda
- sessionid: (fx) (refresh)
- Attendee: (fx) (refresh)

The sidebar on the right lists various parameters with checkboxes:

- com_ru
- conference
- Date
- Day
- DayNum
- Description
- End
- enddt
- Length
- Level
- Location
- Selected Session
- Selected Status
- session_id
- Speaker count
- Speakers
- startdt
- Time
- Title
- Topic
- Track
- URL
- User
- speakers

Test the delete button

54

Click the row in the table for the session you've added to your agenda.

The screenshot shows a Power BI report titled "Power BI GSMF 069". On the left, there's a navigation pane with various workspace options like "Home", "FabCon sessions ...", and "Transform FabCon ...". The main area displays a table with columns "session_id", "Day", and "Title". One row in the table is highlighted with a yellow background, corresponding to session 1007. To the right of the table is a "Data" pane containing filters for "Attendees", "Attending status", and "Sessions". At the bottom right of the table area, there are two buttons: "Add/Update" and "Delete from Agenda". The "Delete from Agenda" button is circled in orange.

55

With the session selected, CTRL+click the delete button.

This screenshot is similar to the previous one, showing the same Power BI report and table of sessions. The row for session 1007 is still highlighted. A tooltip appears over the "Delete from Agenda" button, stating "CTRL+click here to invoke the function". The "Delete from Agenda" button is circled in orange. The "Data" pane on the right is also visible.

56 Notice the button label changes while the function is running.

The screenshot shows the Microsoft Fabric Data Explorer interface. On the left, there's a list of sessions. In the center, a session details card for '1007 Selected Session' is displayed, showing 'Definitely' as the status. Below the card are two buttons: 'Add/Update' and 'Delete from Agenda'. The 'Delete from Agenda' button has a progress indicator (a circular icon with a dot) and the text 'Deleting from Agenda'. To the right, a sidebar titled 'Button General' shows the current state: 'Shape' is set to 'Rectangular', 'Rotation' is 0 degrees, 'Style' is 'Solid', and 'Action' is 'On'. An orange box highlights the 'Delete from Agenda' button.

57 You also get the message letting you know that the function ran.

The screenshot shows the Microsoft Fabric Data Explorer interface. On the left, there's a list of sessions. In the center, a session details card for '1007 Selected Session' is displayed, showing 'Definitely' as the status. Below the card are two buttons: 'Add/Update' and 'Delete from Agenda'. A success message box is overlaid on the interface, stating 'Request submitted' and 'The action on your report was completed successfully'. The message box has a green checkmark icon and an 'X' button. To the right, a sidebar titled 'Filters' is open, showing various filter options like 'Attendee', 'session_id', 'Status', etc., with some items expanded. An orange box highlights the success message box.

58

And the row is gone from the attendees table!!

The screenshot shows the Power BI desktop interface with a data model view. On the left, there's a list of datasets: 'FabCon sessions ...', 'udf_fabcon_scheduler', 'fabcon_sessions', 'Transform FabCon ...', 'fabcon_session_info', and 'fabcon_session_info'. The main area displays a table named 'Attendees' with columns: session_id, Attendee, and Status. A specific row for session_id 1007 is highlighted with a red box. To the right of the table are 'Filters', 'Visualizations' (with various chart icons), and 'Data' (with a search bar and a tree view of fields). The 'Status' field in the table has a dropdown menu open with options 'Definitely', 'Maybe', and 'Delete from Agenda'.

Make your agenda!

59

Now that you've created all the plumbing, you can make the report page look better. You can also add more fields to search by for sessions, for example. You can make a page showing your selected sessions by day and start time.

Go ahead and build out your schedule. You won't have access to the tenant after today, but you can build it out and export it to Excel if you'd like.