



Lab 01: Fabric tour, Capacity, and Capacity Metrics

Introduction

In this lab, you will start creating free Fabric Trial environment, create fabric workspace and install Microsoft fabric capacity metric app.

Objectives

After completing this lab, you will be better able to:

1. Understand Microsoft fabric tenant settings and configurations.
2. Install Microsoft Fabric capacity metric app and understand metrics.

Estimated time to complete this Lab.

45 minutes

Lab Prerequisites

- Corporate account or Microsoft developer account

Contents

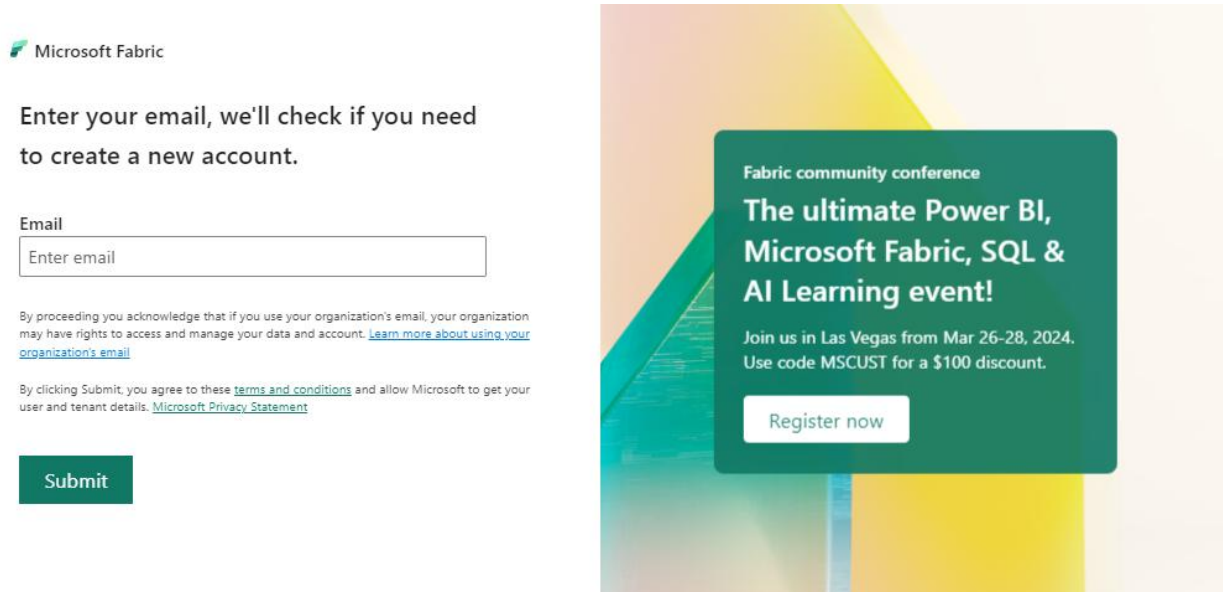
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Task 1: Enable Fabric Trial

The Fabric trial requires a Power BI license.

1. Navigate to <https://app.fabric.microsoft.com>



The screenshot shows the Microsoft Fabric trial sign-up page on the left and a promotional banner for the Fabric community conference on the right.

Microsoft Fabric

Enter your email, we'll check if you need to create a new account.

Email

By proceeding you acknowledge that if you use your organization's email, your organization may have rights to access and manage your data and account. [Learn more about using your organization's email](#)

By clicking Submit, you agree to these [terms and conditions](#) and allow Microsoft to get your user and tenant details. [Microsoft Privacy Statement](#)

Submit

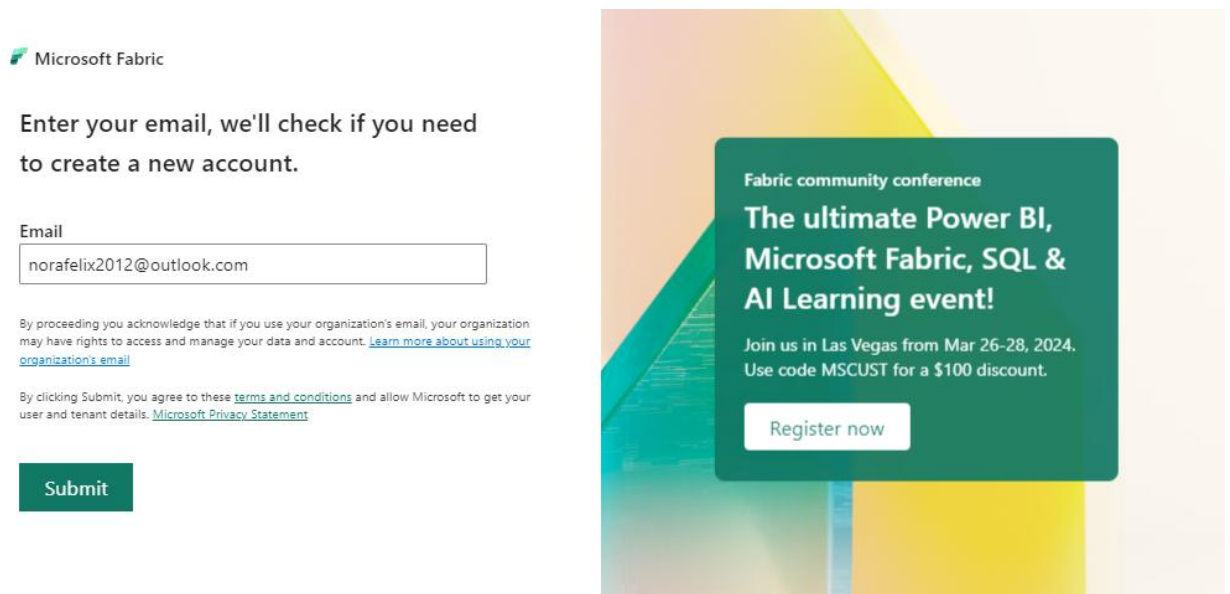
Fabric community conference

The ultimate Power BI, Microsoft Fabric, SQL & AI Learning event!

Join us in Las Vegas from Mar 26-28, 2024. Use code MSCUST for a \$100 discount.

Register now

2. Use your own personal (*@outlook.com or *@hotmail.com email account)



This screenshot is identical to the previous one, but the email field is populated with a personal email address.

Microsoft Fabric

Enter your email, we'll check if you need to create a new account.

Email

By proceeding you acknowledge that if you use your organization's email, your organization may have rights to access and manage your data and account. [Learn more about using your organization's email](#)

By clicking Submit, you agree to these [terms and conditions](#) and allow Microsoft to get your user and tenant details. [Microsoft Privacy Statement](#)

Submit

Fabric community conference

The ultimate Power BI, Microsoft Fabric, SQL & AI Learning event!

Join us in Las Vegas from Mar 26-28, 2024. Use code MSCUST for a \$100 discount.

Register now

3. Click on **submit**.
4. With a new live.com (*@outlook.com or *@hotmail.com email account) account, you will be selected for a free Fabric account. Try this to see you need organisation email to enable fabric trial with this option.



You've selected Microsoft Fabric free

- 1 Let's get you started
norafelix2012@outlook.com looks like a personal email address. Enter your work address so we can connect you with others in your company. And don't worry. We won't share your address with anyone. [Sign in with a work email address](#)
- 2 Create your account
- 3 Confirmation details

5. Sign in with your work Account.



You've selected Microsoft Fabric free

- 1 Let's get you started
Enter your work or school email address, we'll check if you need to create a new account for Microsoft Fabric free.
Email

By proceeding you acknowledge that if you use your organization's email, your organization may have rights to access and manage your data and account.
[Learn More](#)
[Next](#)
- 2 Create your account
- 3 Confirmation details

6. Sign in with your Organisation account to get Microsoft fabric free Account.



You've selected Microsoft Fabric free

1 Let's get you started

Looks like you're already a Microsoft customer. Sign in as **felixam@microsoft.com** to get Microsoft Fabric free with your account.

[Sign In](#)

2 Create your account

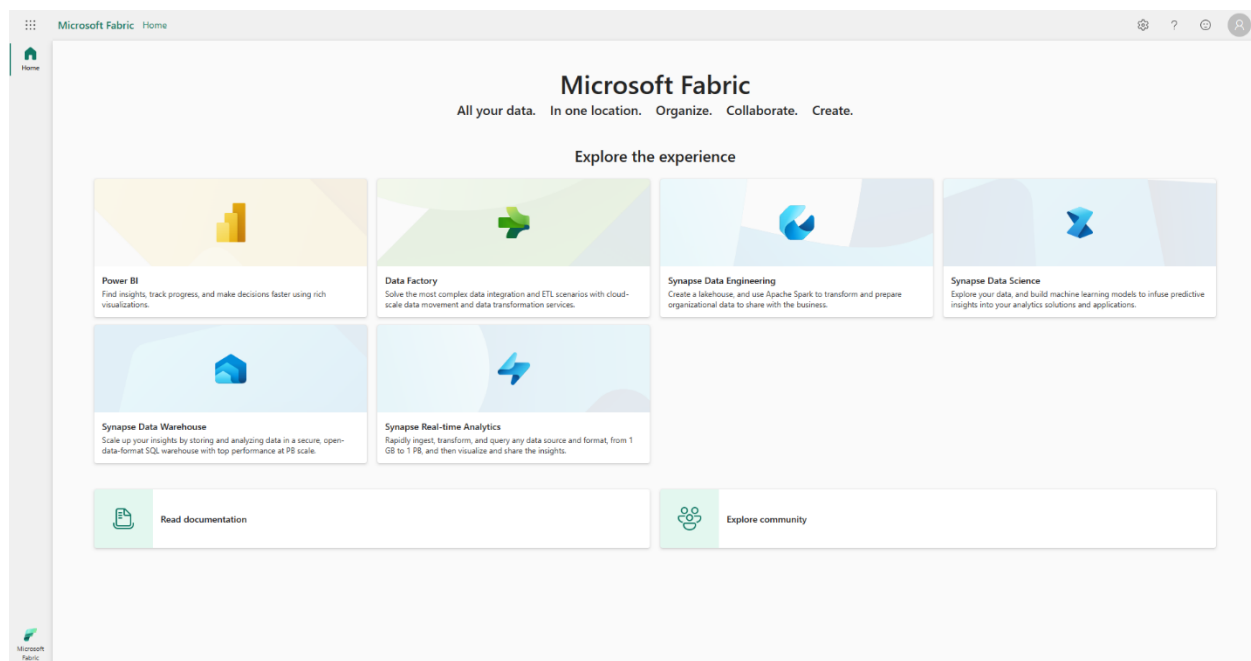
3 Confirmation details

7. Follow the steps on the screen to create and confirm your fabric account.

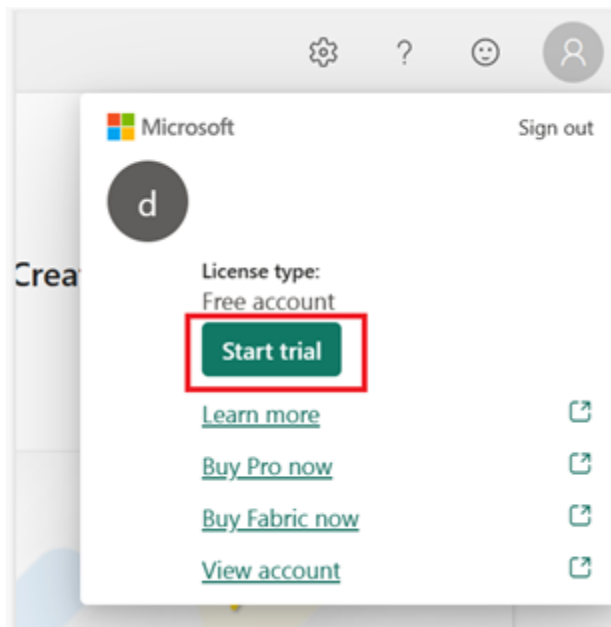
8. Start the Fabric trial.

Follow these steps to start your Fabric trial.

1. Open the [Fabric homepage](#) and select the Account manager.



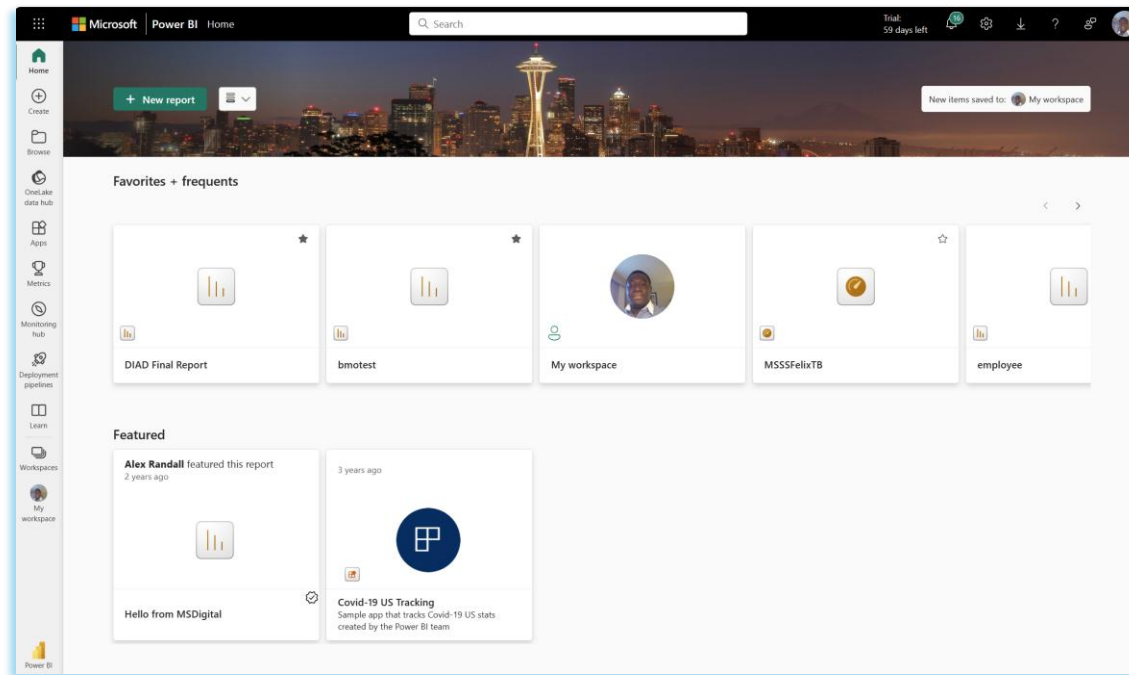
2. In the Account manager, select **Start trial**. If you don't see the Start trial button, trials might be disabled for your tenant.



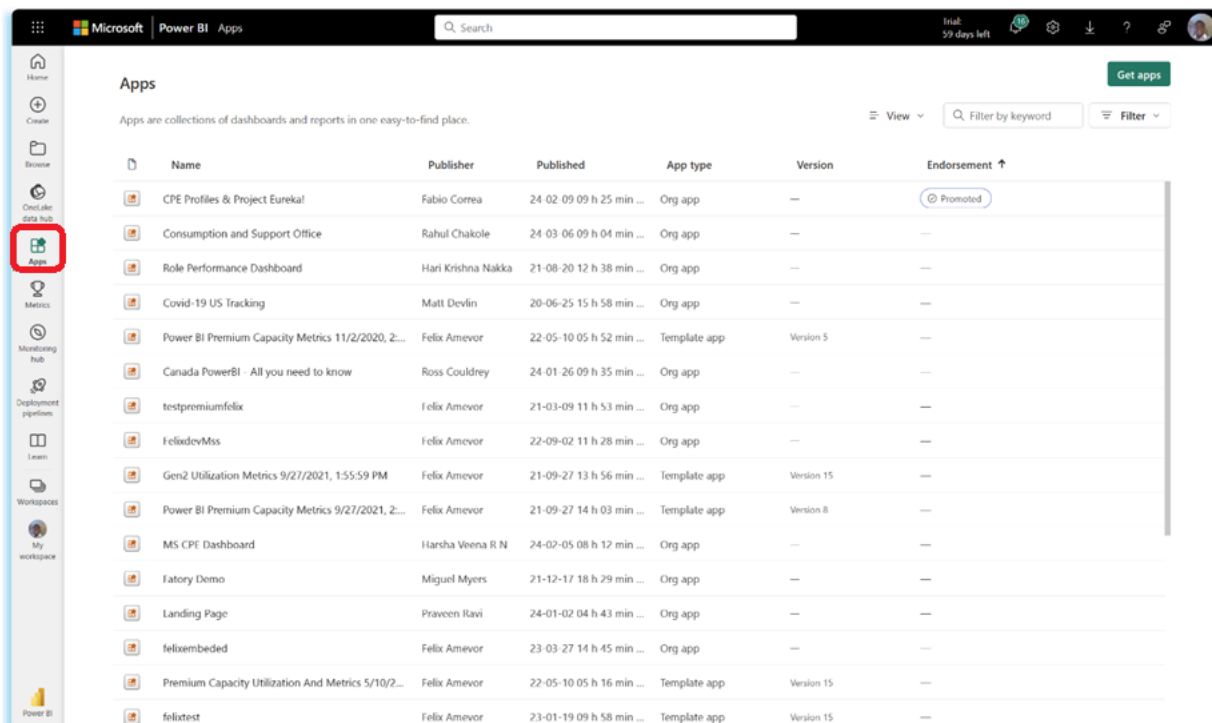
3. If prompted, agree to the terms and then select Start trial.
4. Once your trial capacity is ready, you receive a confirmation message. Select Got it to begin working in Fabric.
5. Open your Account Manager again. Notice that you now have a heading for Trial status. Your Account manager keeps track of the number of days remaining in your trial. You also see the countdown in your Fabric menu bar when you work in a product experience.

Task 2: Install Capacity Admin app

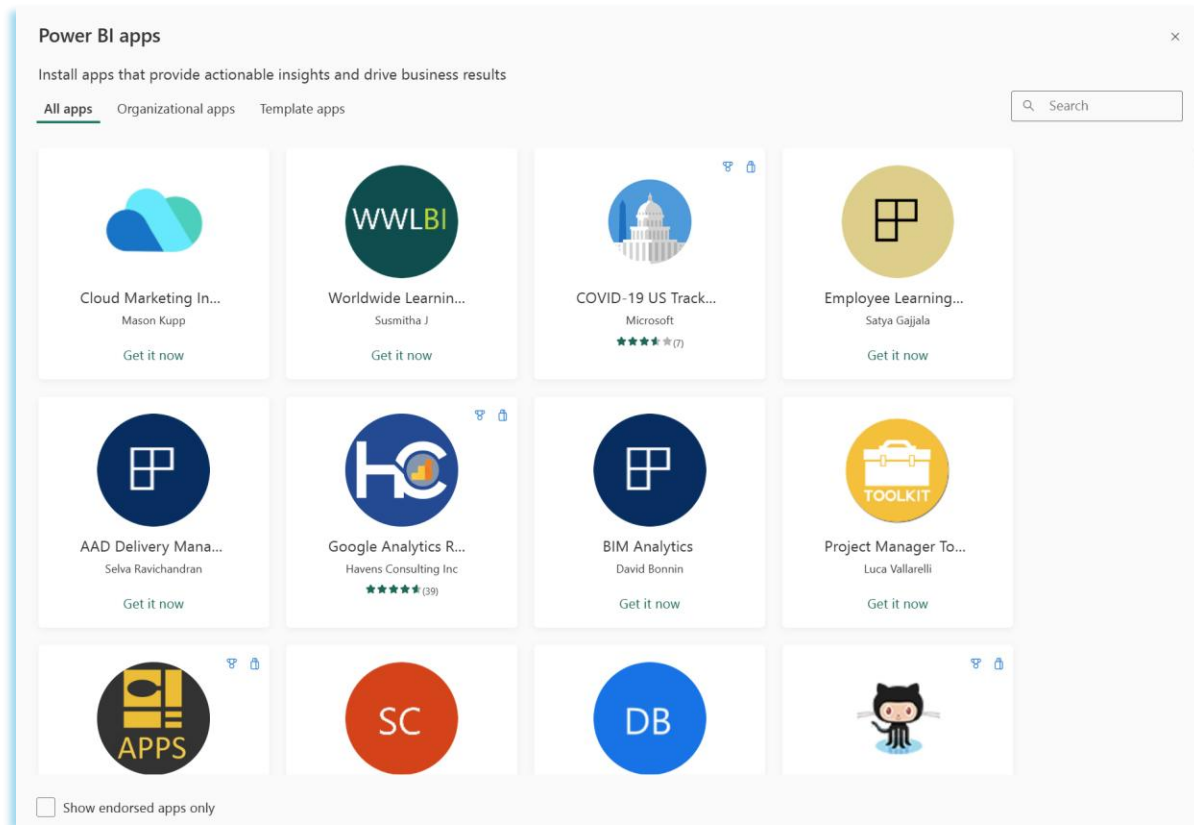
1. Navigate to [Power BI](https://app.powerbi.com) (<https://app.powerbi.com>)



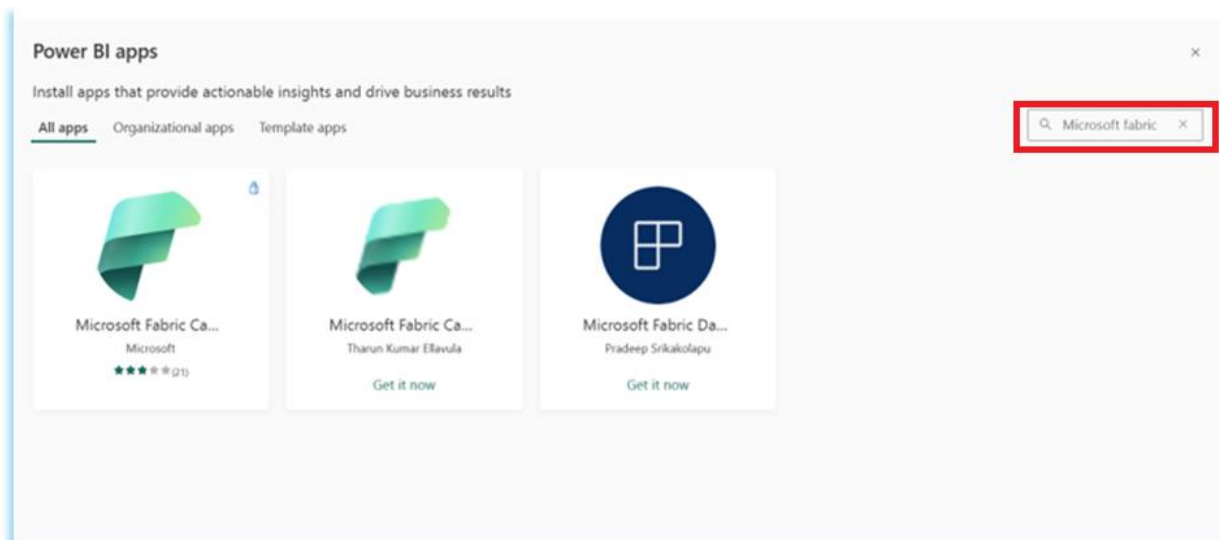
2. Click on the Application Icon on the left vertical menu.



3. Click on Get App to open applications in appservice

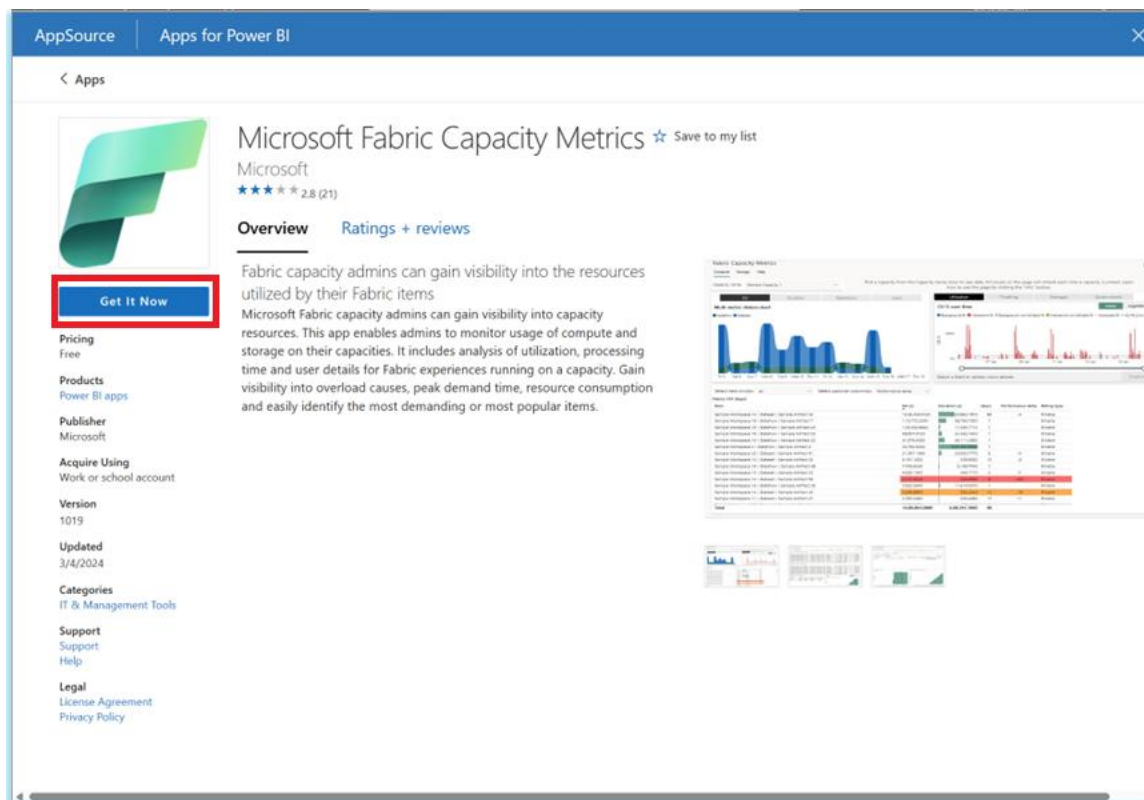


4. In the search button on your right search for Microsoft Fabric

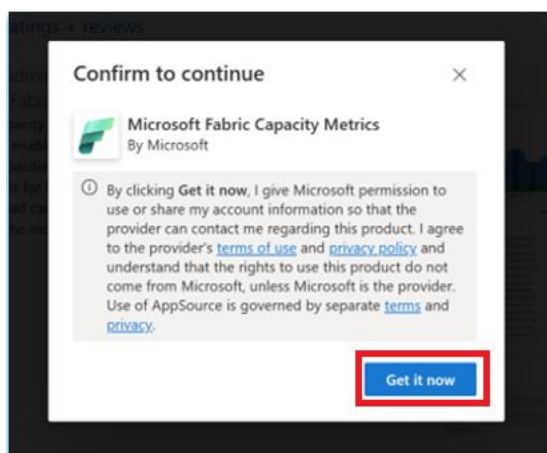


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5. Click on get it now.

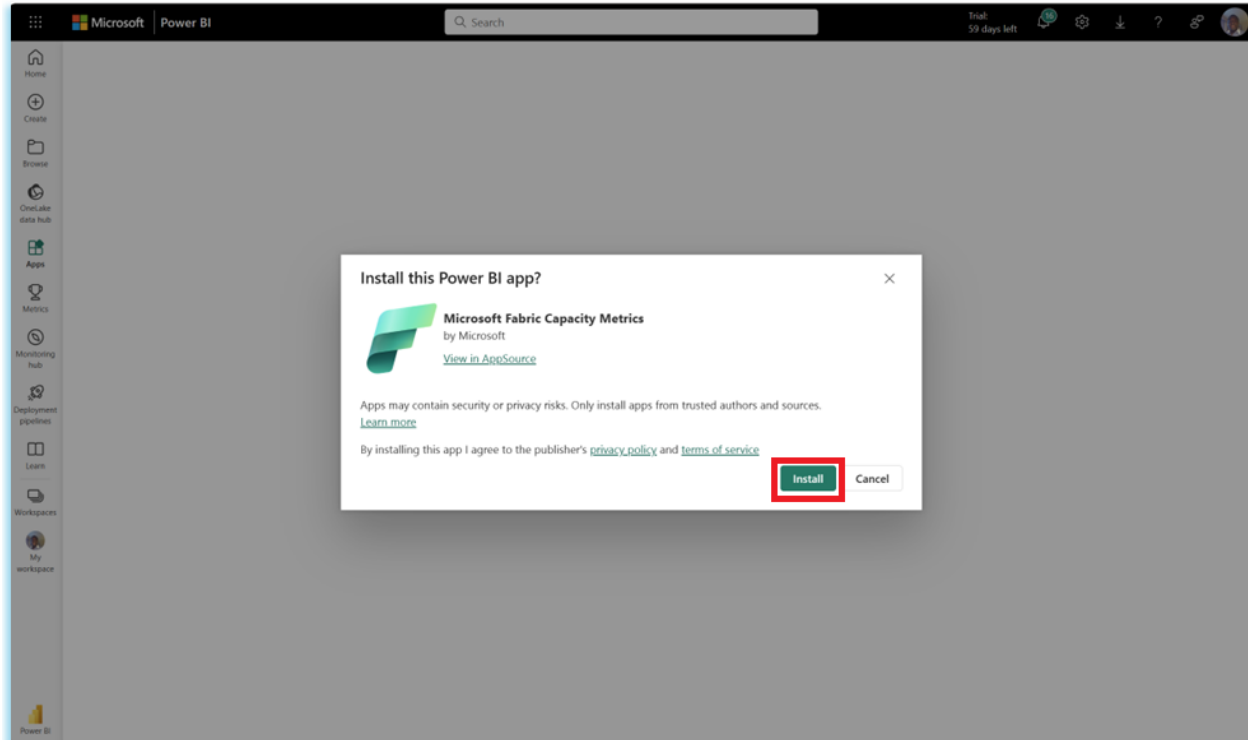


6. Confirm Microsoft SLAs by clicking on get it now.

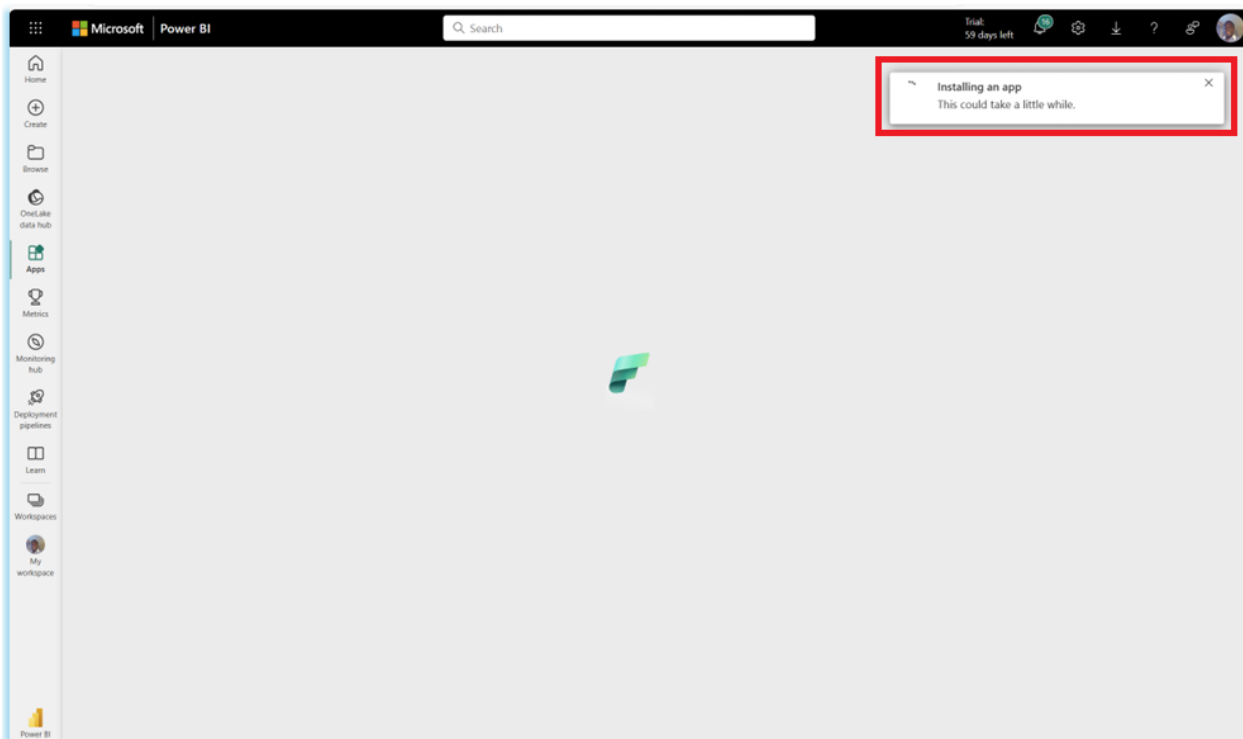


7. Click on install

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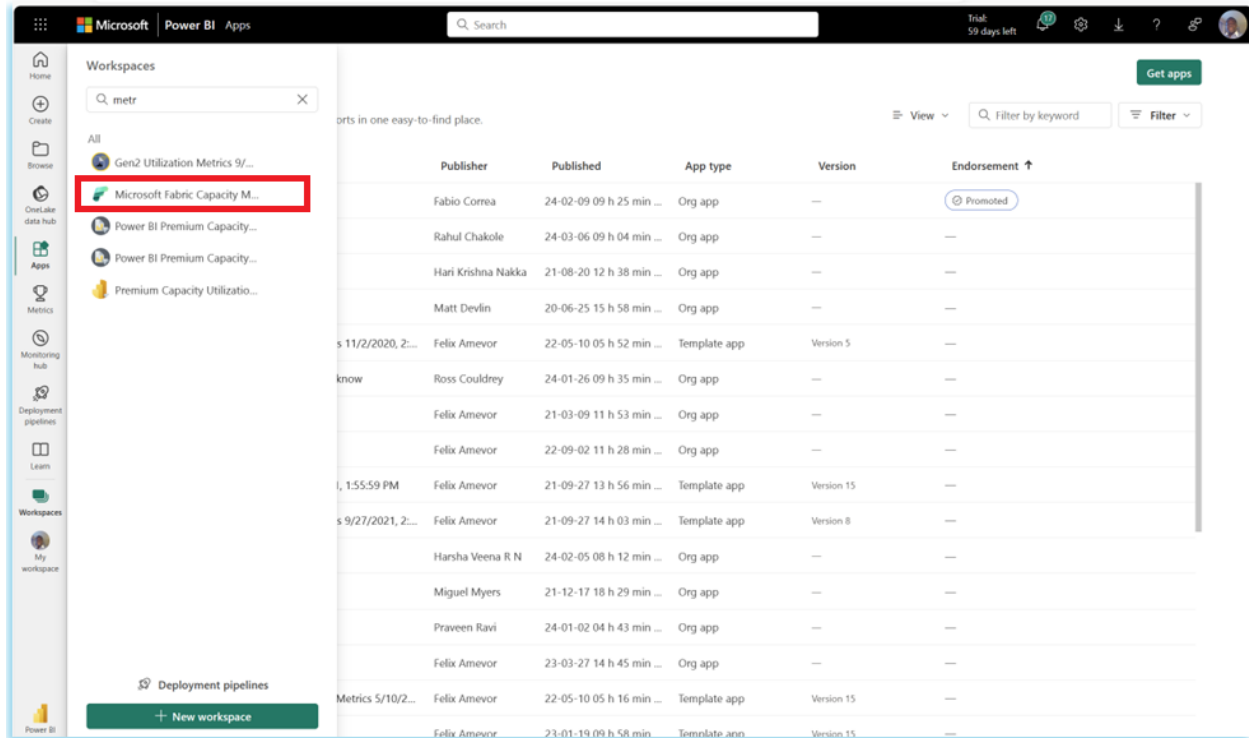
8. Apps is being installed



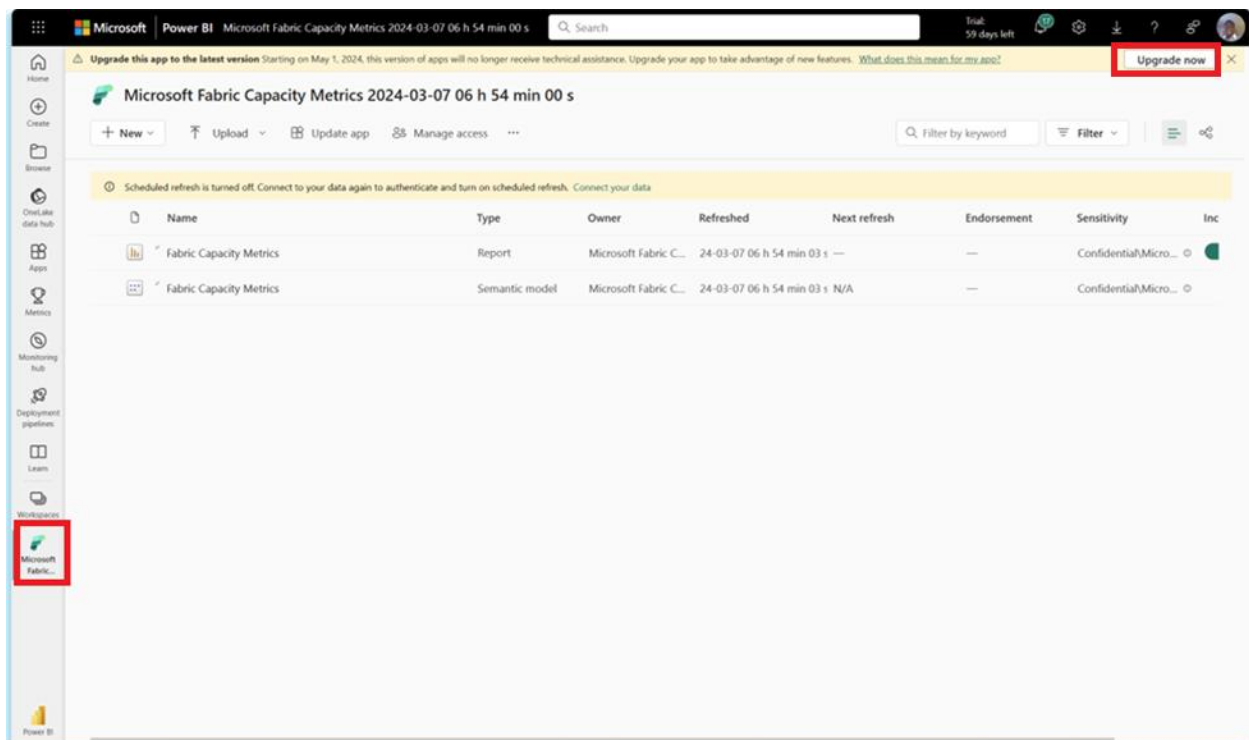
9. After installation , navigate to workspaces and search for metrics and select Microsoft fabric capacity

Lab 01: Fabric Trial and Capacity Metrics

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10. A warning is displayed for first time usage.

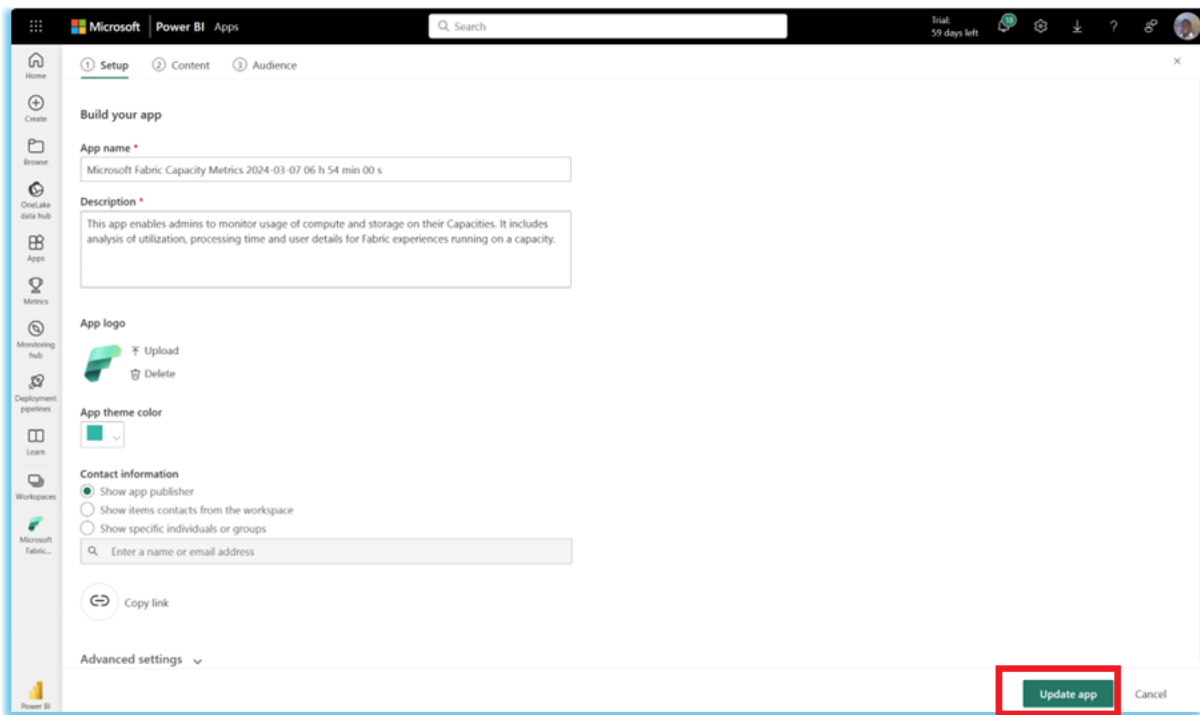


In case you have an update warning like above click on update now.

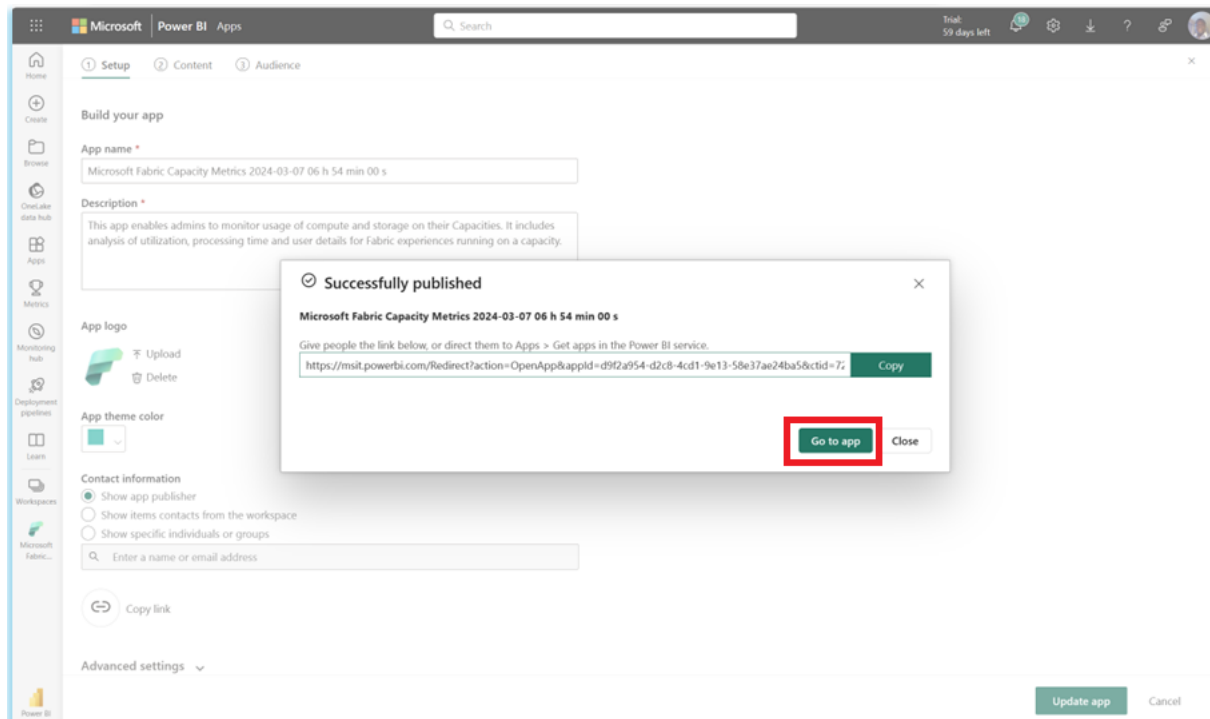
11. Update Microsoft fabric apps. Click on update app

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12. Then click on update.

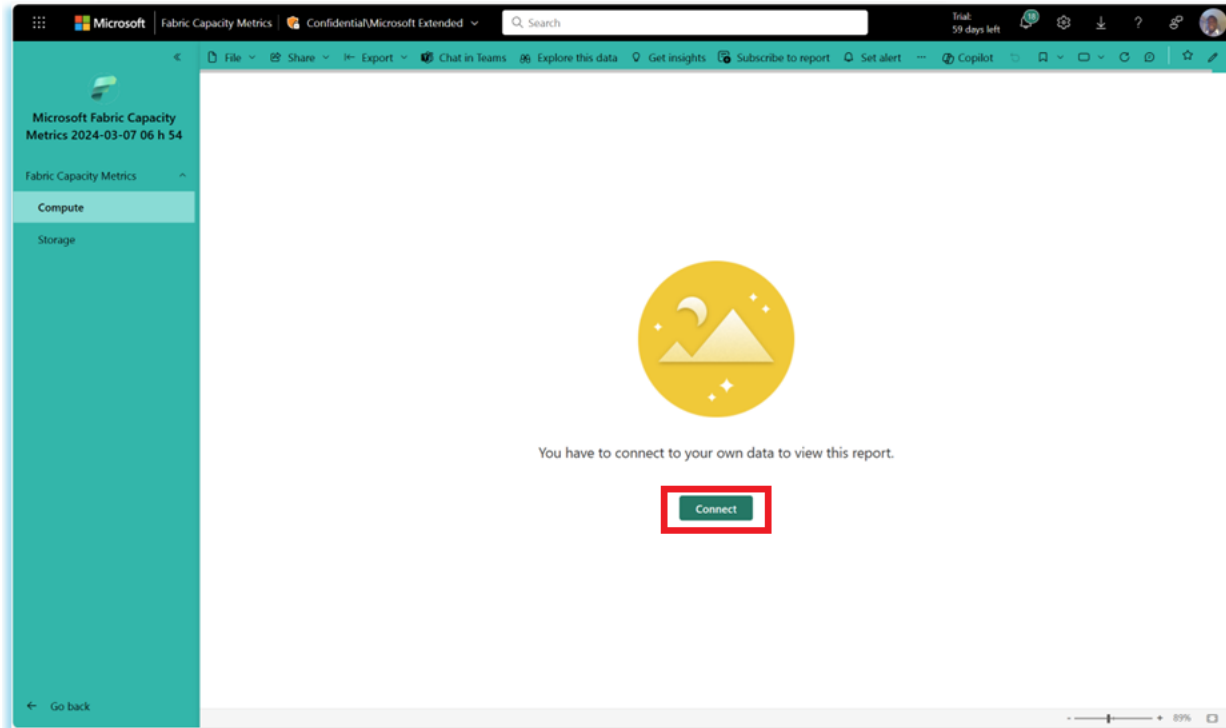


13. Microsoft fabric capacity apps will be successfully updated.



14. Copy the link and click on go to apps and click on connect.

15. Click on connect



Field	Required	Value	Notes
CapacityID	Yes	An ID of a capacity you're an admin of	You can find the capacity ID in the URL of the capacity management page. In Microsoft Fabric, go to Settings > Admin center > Capacity settings, then select a capacity. The capacity ID is shown in the URL after /capacities/. For example, 9B77CC50-E537-40E4-99B9-2B356347E584 is the capacity ID in this URL: https://app.powerbi.com/admin-portal/capacities/9B77CC50-E537-40E4-99B9-2B356347E584 . After installation, the app will let you see all the capacities you can access.
UTC_offset	Yes	Numerical values ranging from 14 to -12. To signify a Half hour timezone, use .5. For	Enter your organization's standard time in Coordinated Universal Time (UTC).

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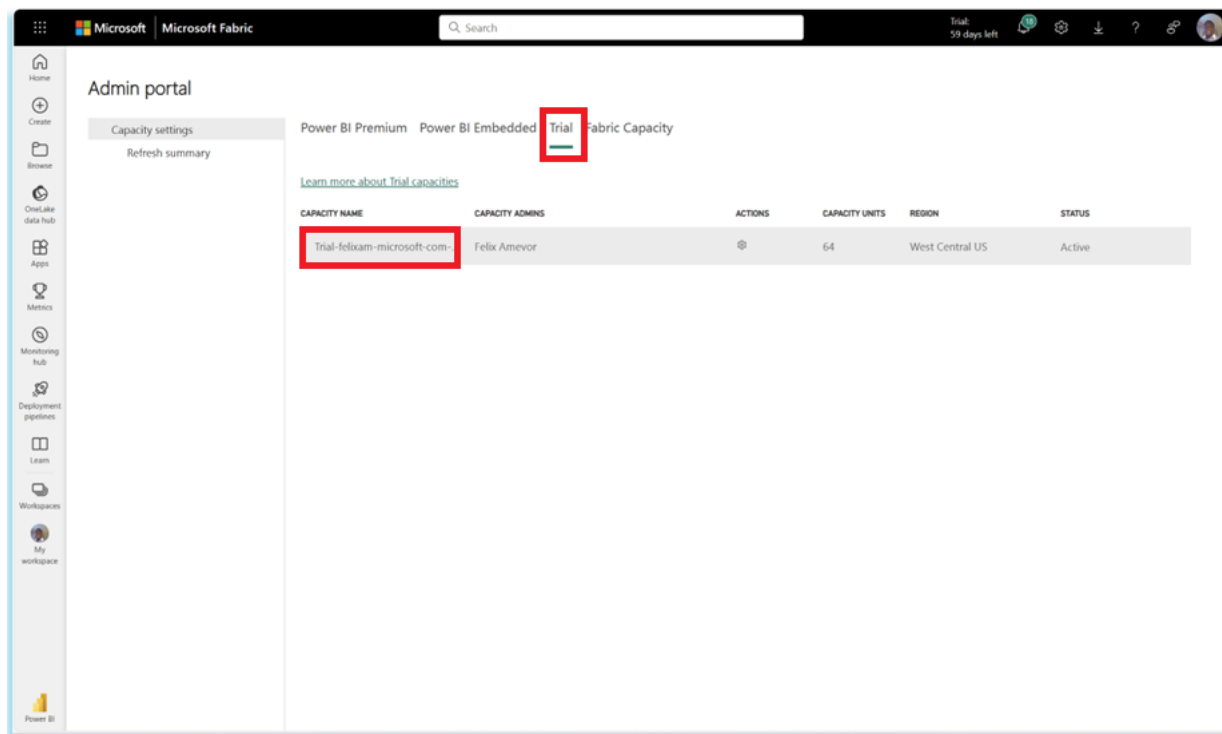
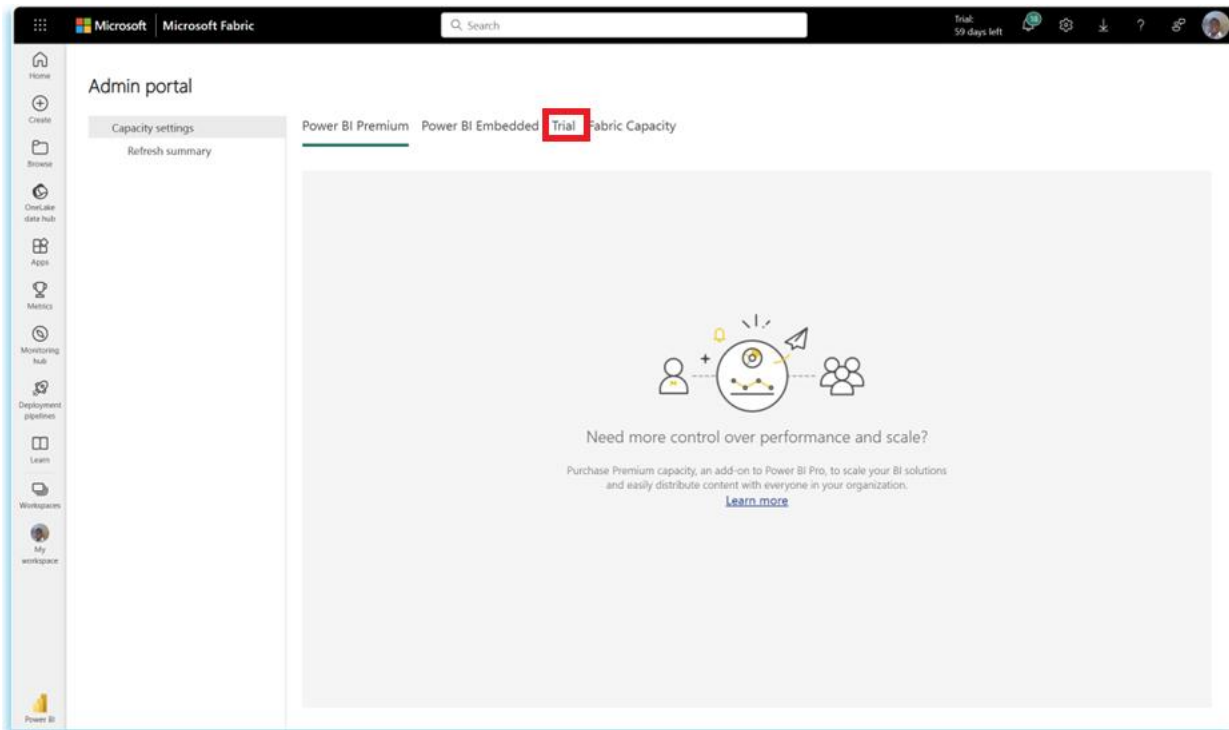
		example, for Iran's standard time enter 3.5.	
Timepoint	Automatically populated		This field is automatically populated and is used for internal purposes. The value in this field will be overwritten when you use the app.
Timepoint2	Automatically populated		This field is automatically populated and is used for internal purposes. The value in this field will be overwritten when you use the app.
Advanced	Optional	On or off	The app automatically refreshed your data at midnight. This option can be disabled by expanding the advanced option and selecting Off.

16. Navigate to setting.

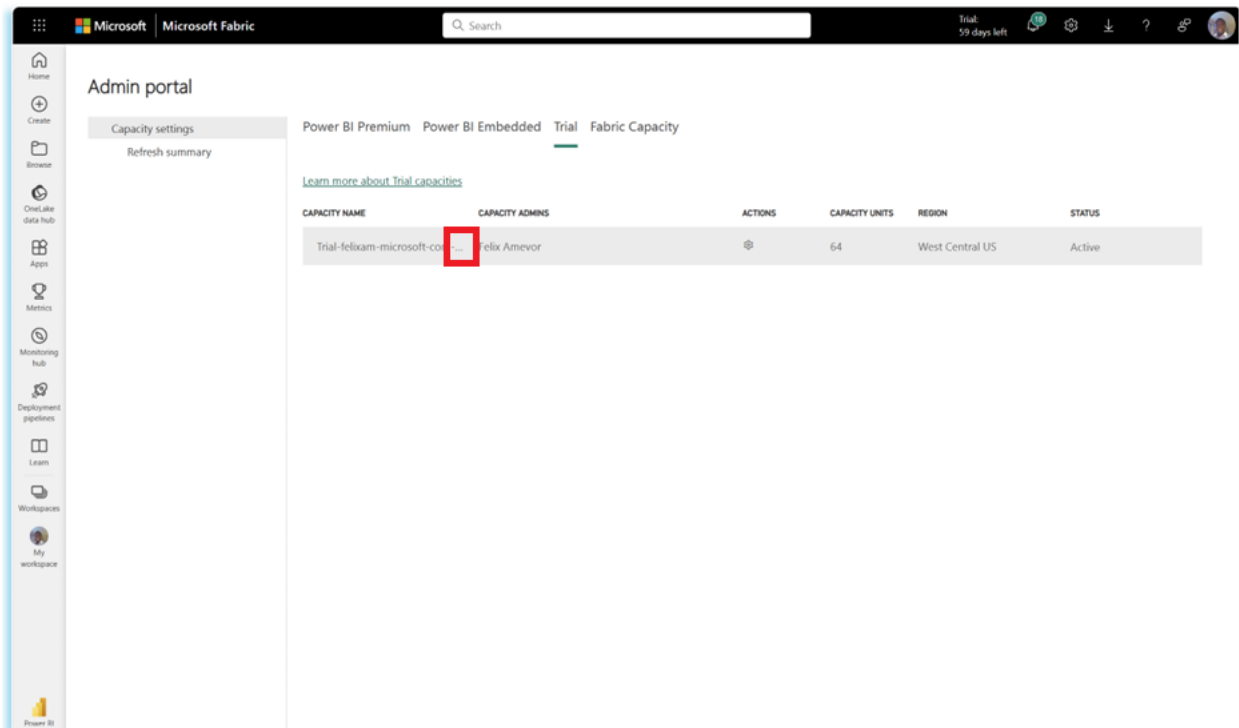
The screenshot shows the Microsoft Power BI 'My workspace' interface. The 'Settings' panel is open on the right, displaying the 'Governance and insights' section. The 'Admin portal' link is highlighted with a red box. The main workspace area shows a list of items including reports, semantic models, dataflows, and data pipelines.

Name	Type	Owner	Refreshed	Next refresh
Corporate Spend	Report	Felix Amevor	23-02-02 13 h 39 min 26 s	—
Corporate Spend	Report	Felix Amevor	23-02-06 14 h 14 min 02 s	—
Corporate Spend	Semantic model	Felix Amevor	23-02-02 13 h 39 min 26 s	N/A
Corporate Spend	Semantic model	Felix Amevor	23-02-06 14 h 14 min 02 s	N/A
Dataflow 1	Dataflow Gen2	Felix Amevor	23-06-12 13 h 33 min 17 s	N/A
Dataflow 2	Dataflow Gen2	Felix Amevor	23-06-12 13 h 54 min 42 s	N/A
Dataflow 3	Dataflow Gen2	Felix Amevor	—	N/A
Dataflow 4	Dataflow Gen2	Felix Amevor	—	N/A
Dataflow 5	Dataflow Gen2	Felix Amevor	23-12-05 11 h 48 min 45 s	N/A
DIAD Final Report	Semantic model	Felix Amevor	20-12-09 16 h 19 min 55 s	N/A
employee	Report	Felix Amevor	24-02-12 10 h 21 min 31 s	—
employee	Semantic model	Felix Amevor	24-02-12 10 h 21 min 31 s	N/A
FabricDemoPipeline	Data pipeline	Felix Amevor	—	—
Fabricdw	Warehouse	Felix Amevor	—	N/A
Fabricdw	Semantic model	Felix Amevor	23-06-12 16 h 06 min 52 s	N/A
felix	Warehouse	Felix Amevor	—	N/A

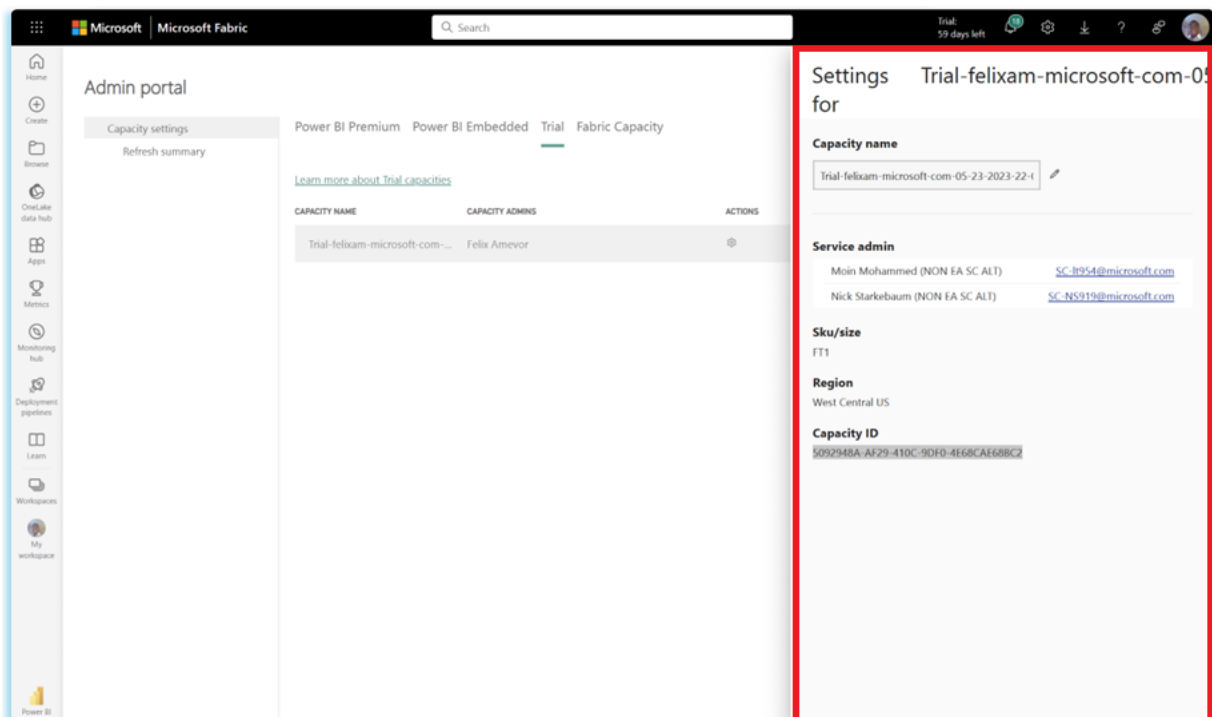
17. Navigate to your Fabric capacity in our case it is under trial



18. Navigate to your Fabric capacity and click on

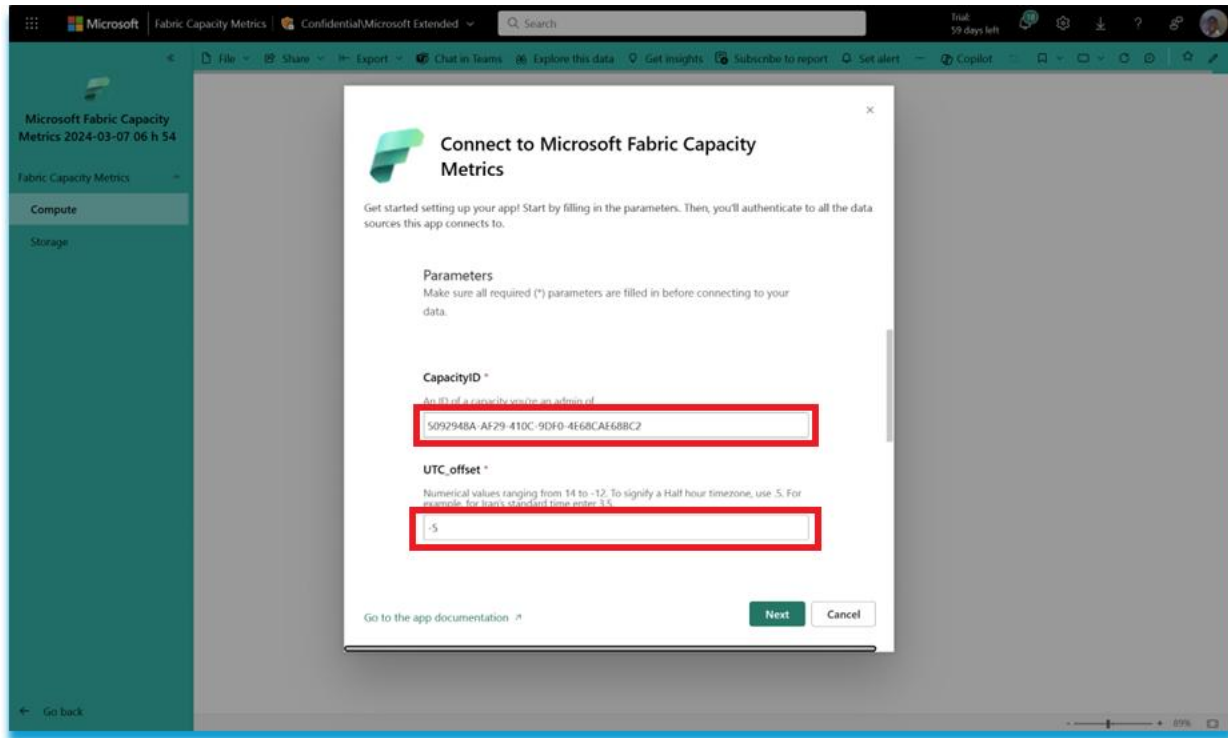


19. Get capacity ID



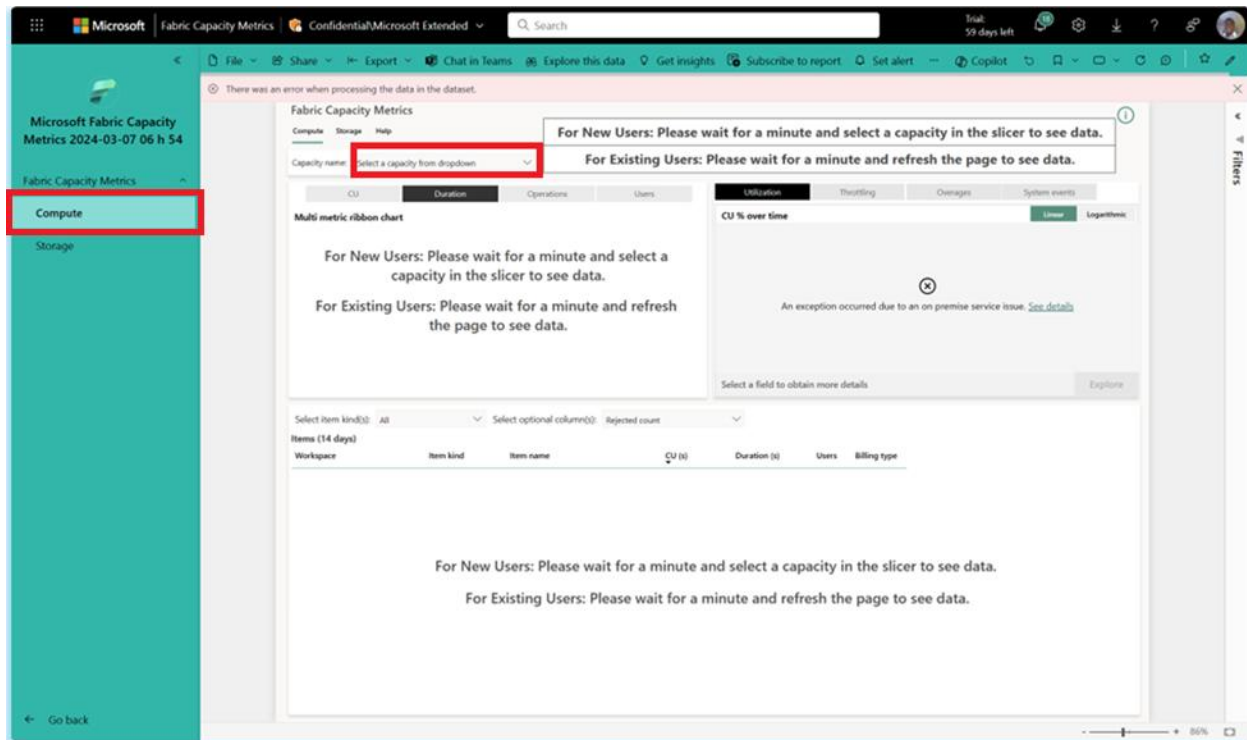
20. Copy capacity ID from above screen and past it to the following screen and click on next

21. Leave any other setting and click on signing and connect.

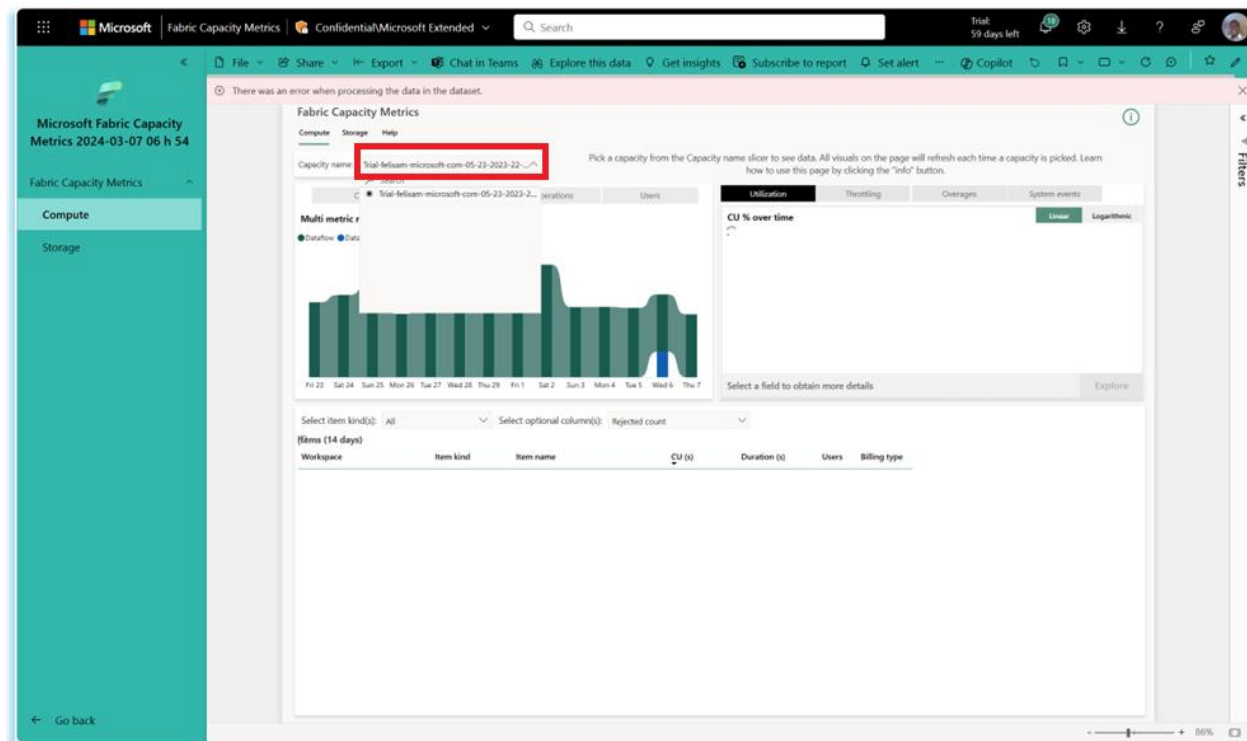


22. In case you got a warning like the one bellow, wait for few seconds and select your capacity name in the drop down menu .

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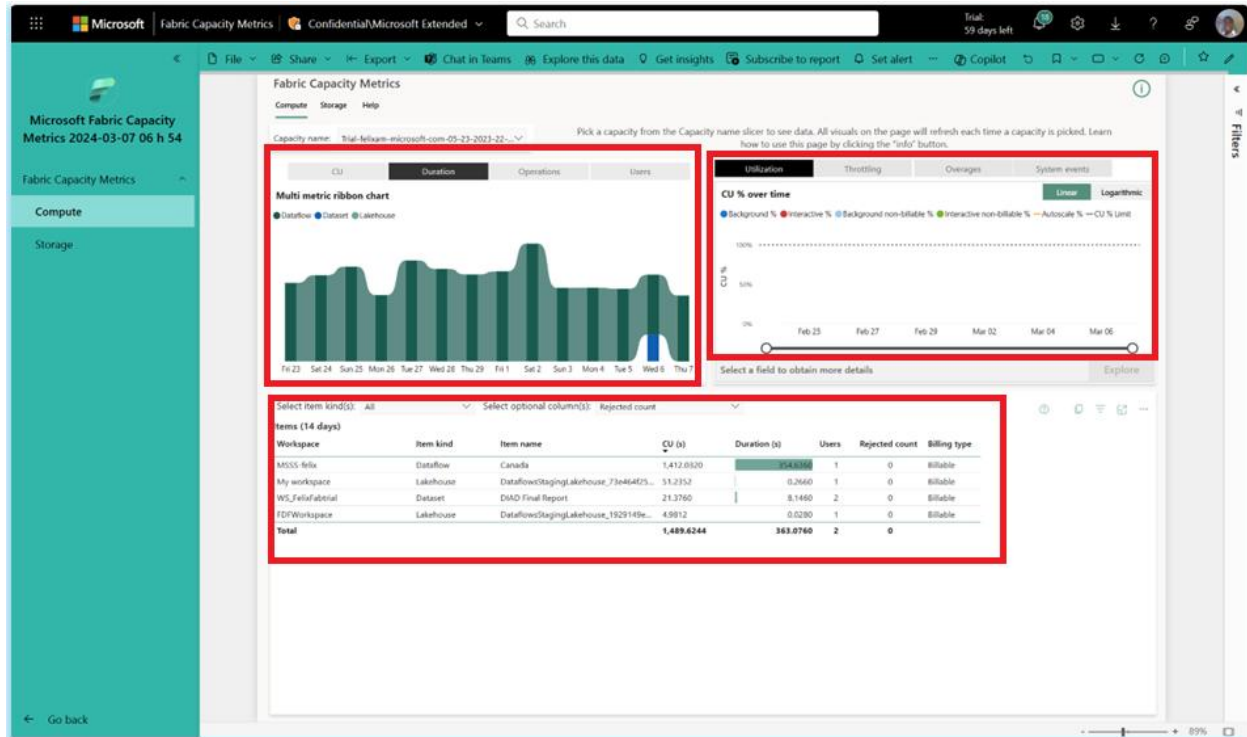


23. In the capacity name drop down menu select your capacity.

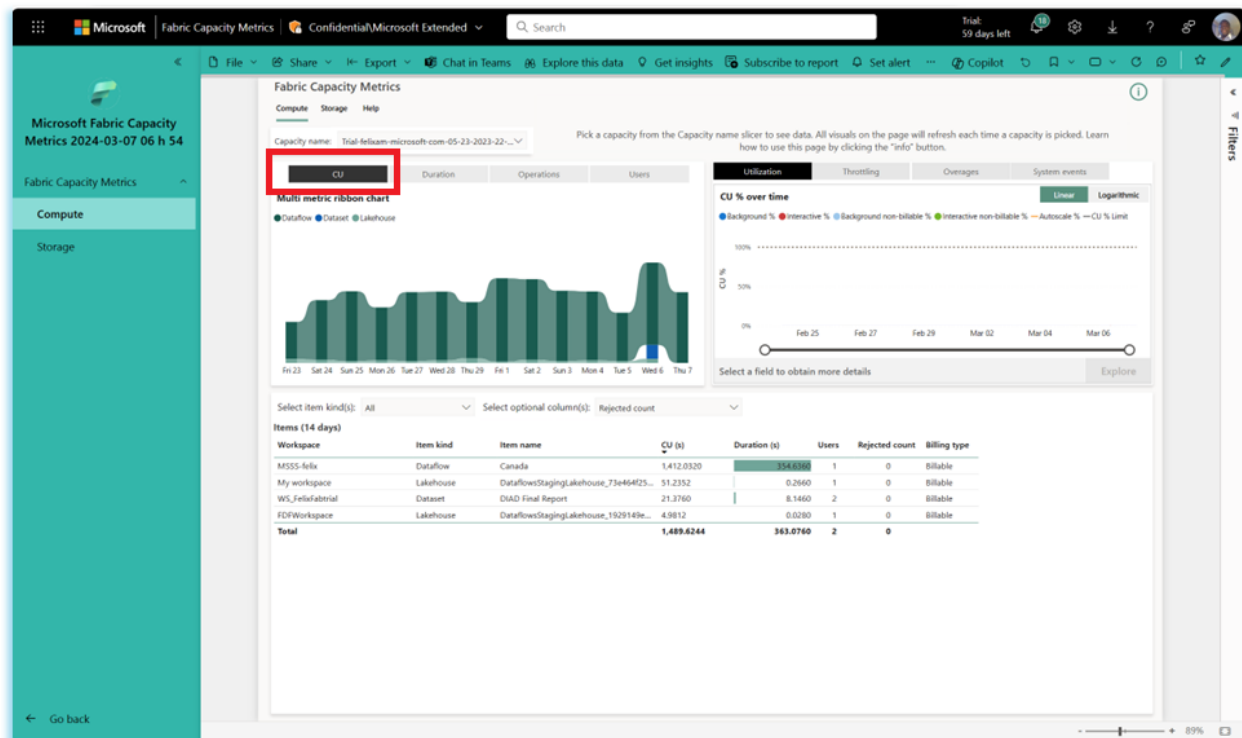


24. Now you will see all your capacity metrics (if they do not appear wait for few min and return back)

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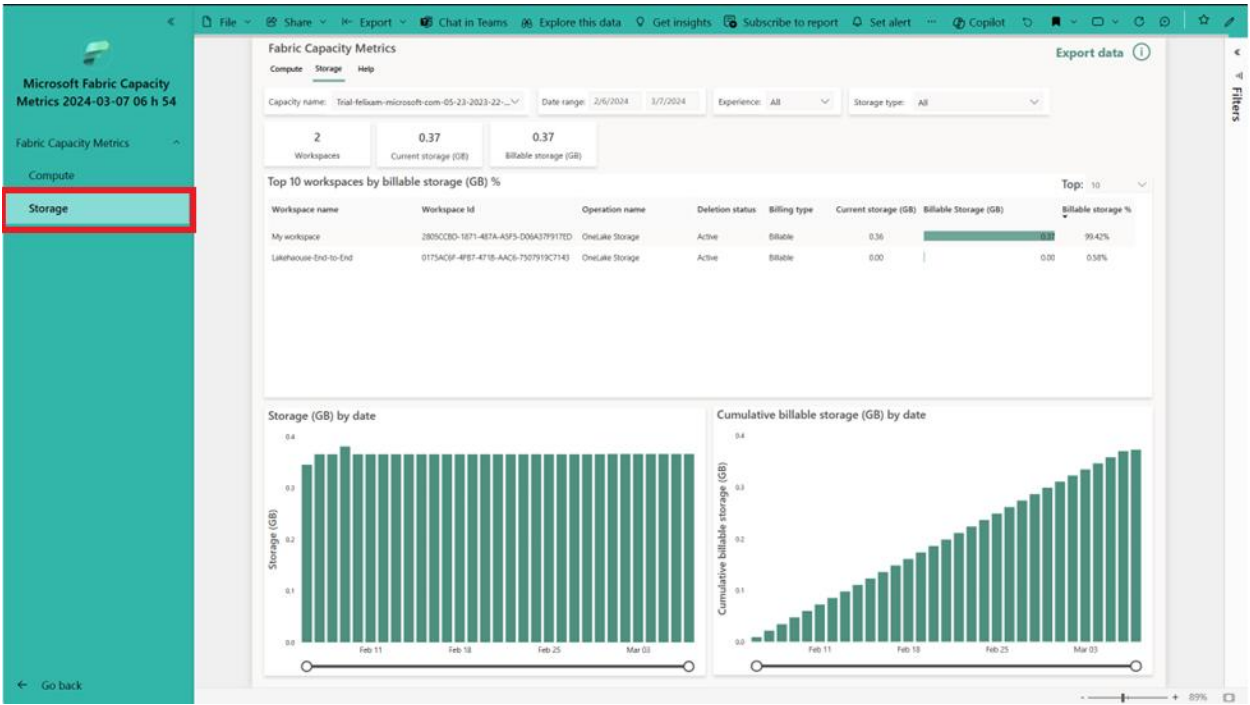


25. Navigate to CU, duration Operation and Users tab to explore capacity metrics apps.

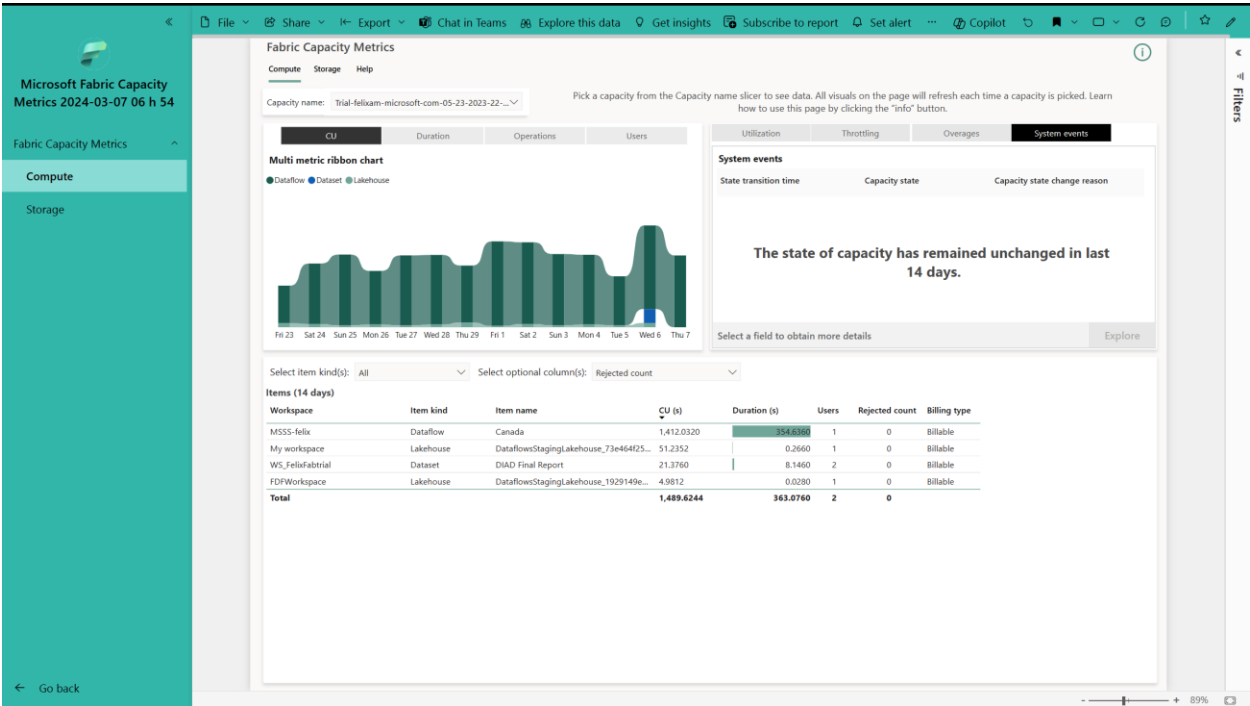


26. Navigate to storage and explore the report.

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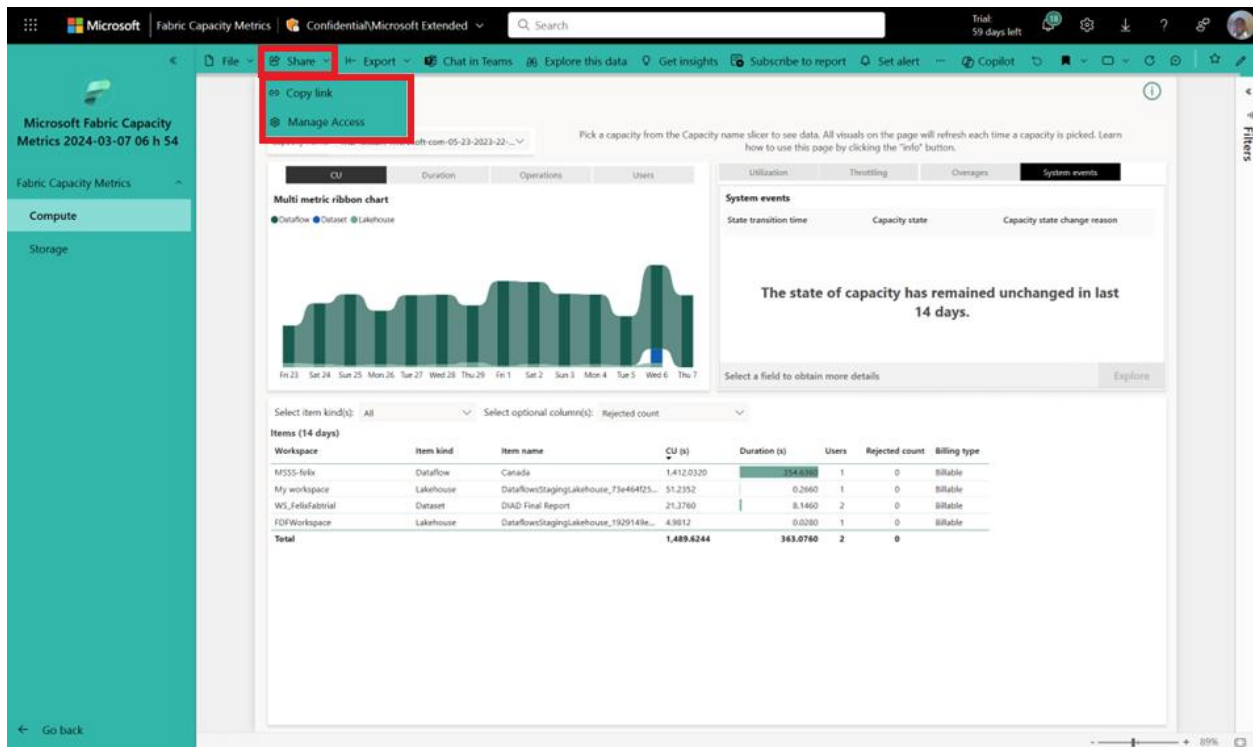


27. Explore all the other menu items on the report.

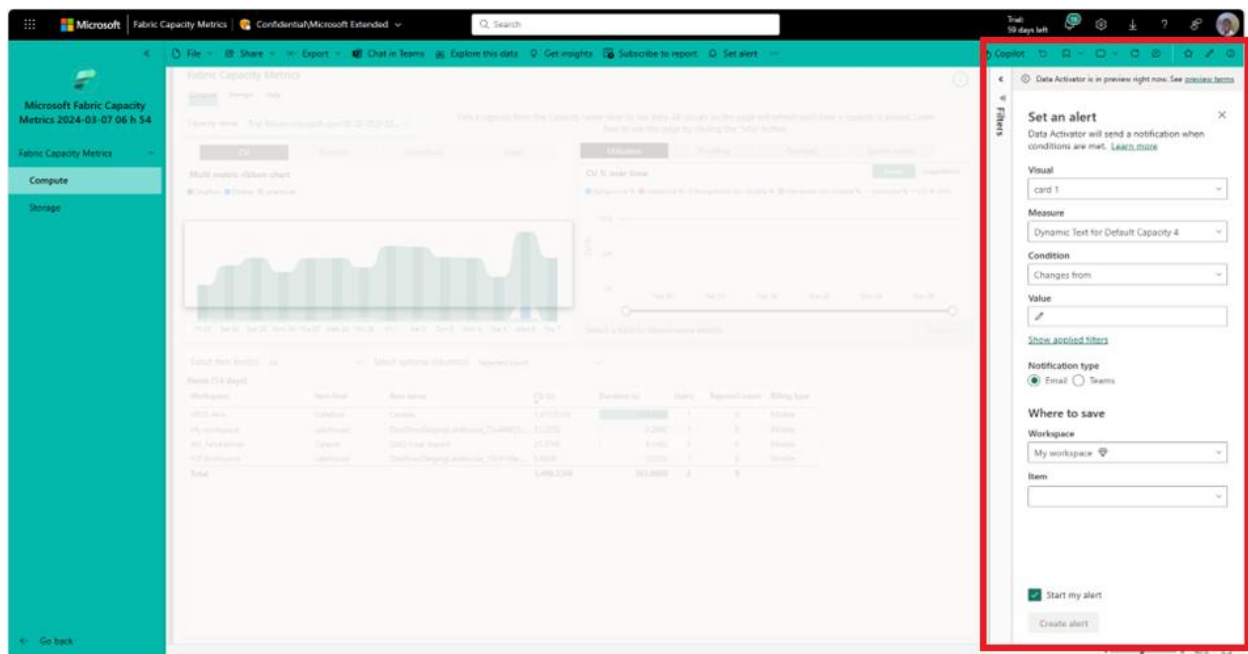


28. Explore all the other features in the report like manage access.

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29. Set alert will allow email or team notification for Admins. Explore this feature on your own.



You have successfully completed this Lab.