



Microsoft Power Platform

Dev in a day

Lab 01 Getting Started/ December 2022

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Lab Scenario

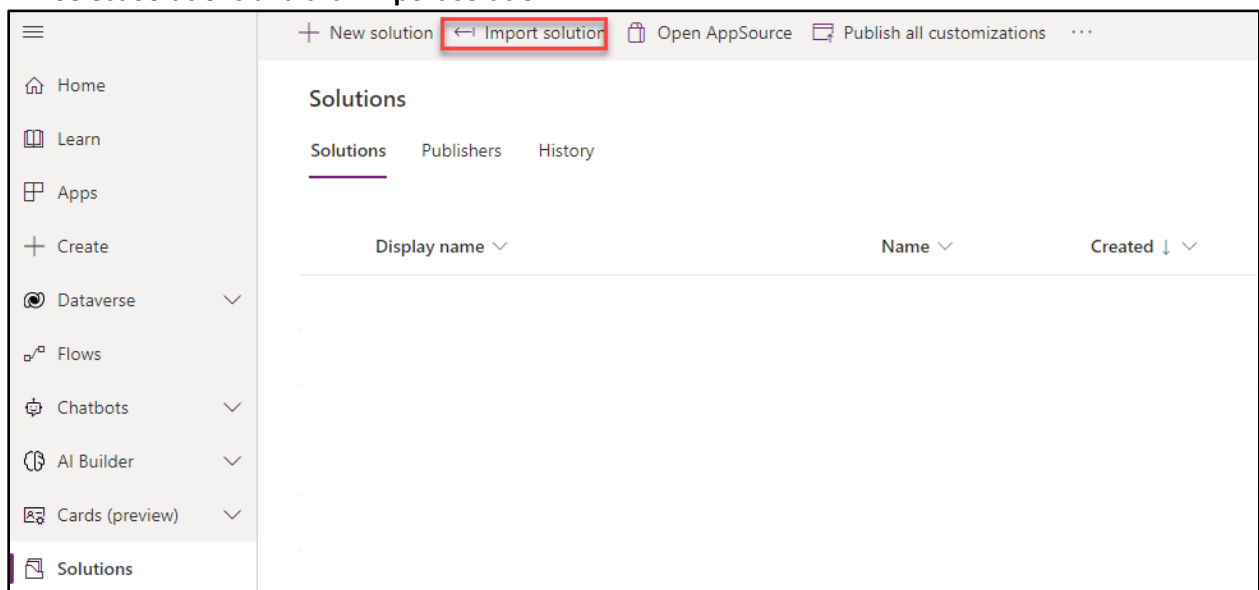
You will import the current solution and use this to start your work. You will also add a column to a table and modifying the app to use it. You will also configure and test the Power Platform CLI.

Exercise 1 - Import starting solution

In this exercise, you will import a solution into your dev environment. This solution contains the current version of the PrioritZ apps, flows and Dataverse tables.

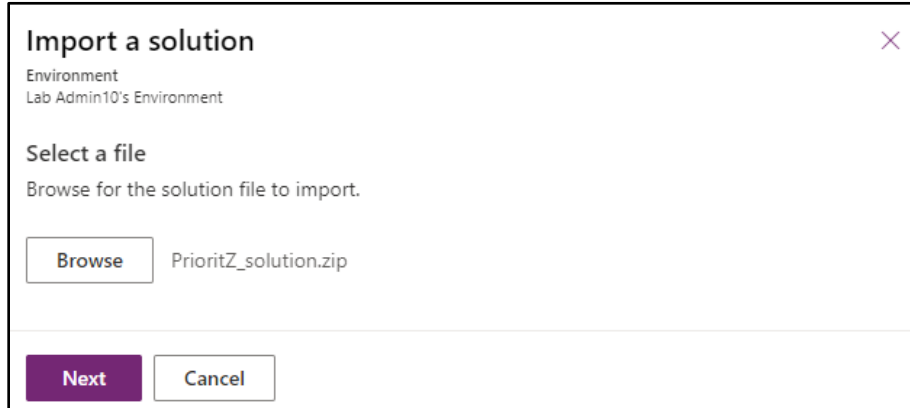
Task 1: Import solution

1. Navigate to [Power Apps maker portal](#) and make sure the development environment is selected.
2. Select **Solutions** and click **Import solution**.

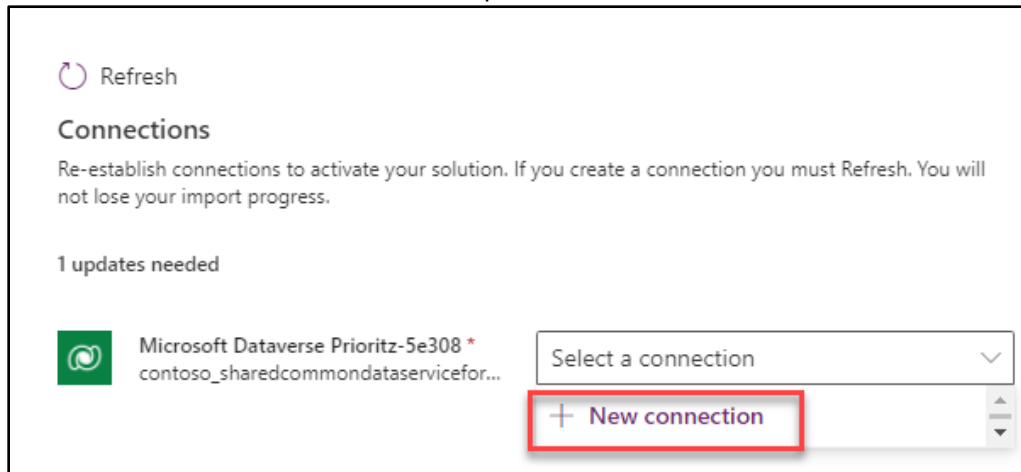


3. Click **Browse**.

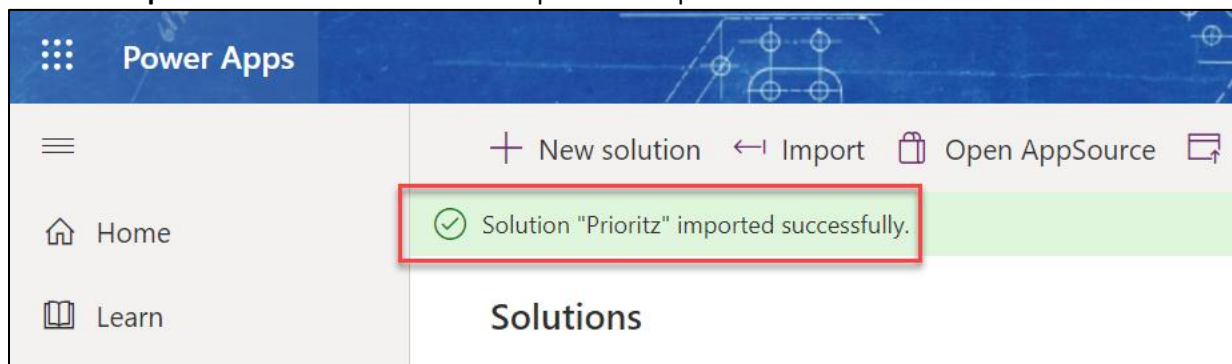
- Go to the lab resources folder, select the **PrioritZ_solution.zip** file, and click **Open**.
- Click **Next**.



- Click **Next** again.
- Click on the **Select a connection** dropdown and select **+ New connection**.



- Click **Create**.
- Sign in if prompted.
- Close the connections browser window or tab.
- Click **Refresh**.
- Click **Import** and wait for the solution import to complete.



- You should now see the solution you imported in the list of solutions.

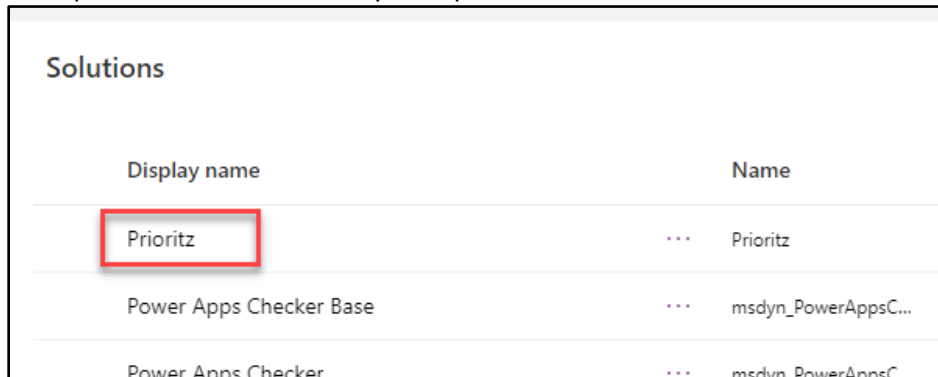
14. Do not navigate away from this page.

Exercise 2 – Run flow

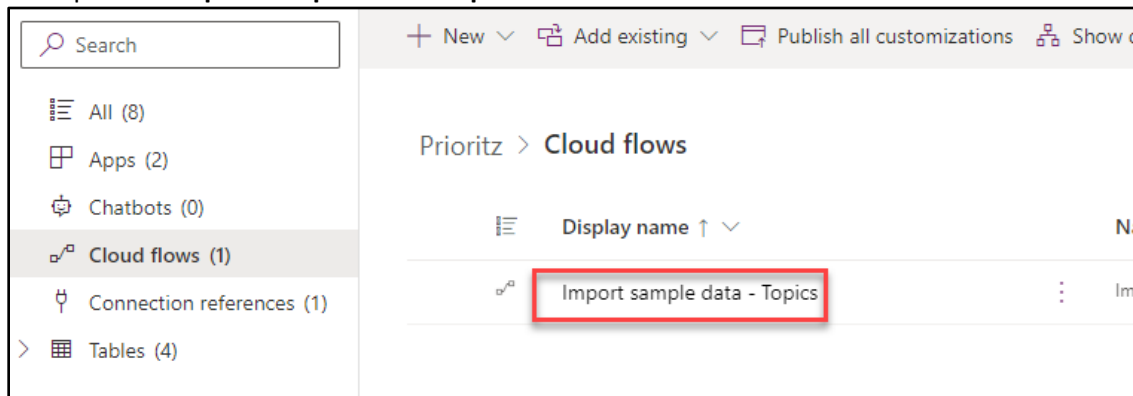
In this exercise, you will run a flow that will add sample data to your environment.

Task 1: Run flow

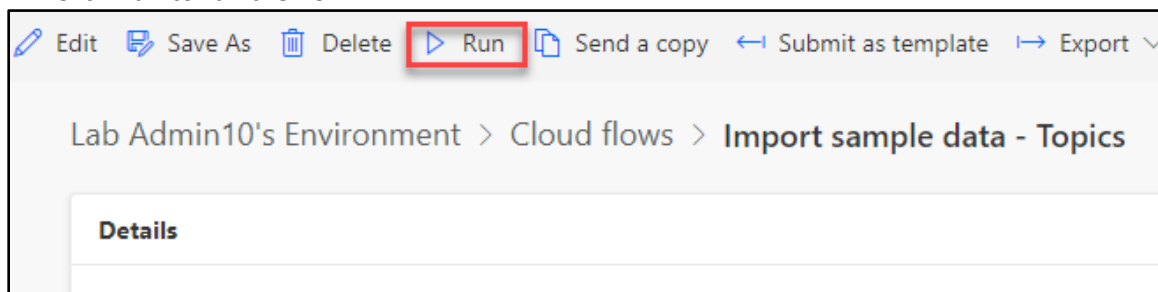
1. Open the **PrioritZ** solution you imported.



2. Select **Cloud flow**.
3. Open the **Import sample data – Topics** flow.

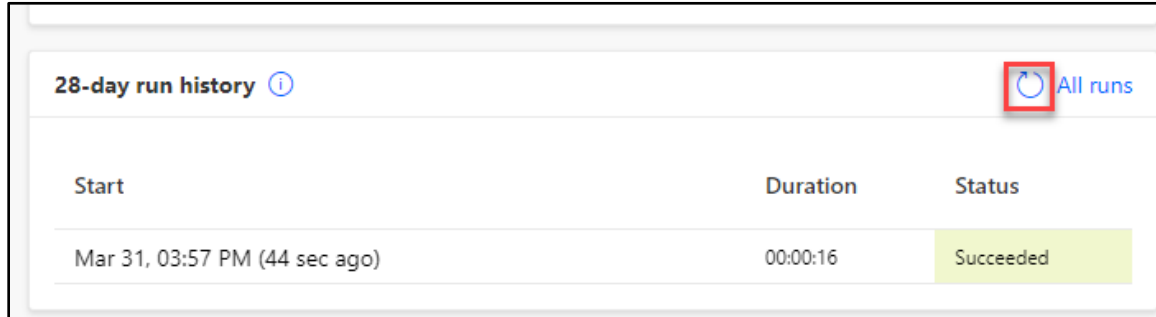


4. Click **Run** to run the flow.



5. Click **Run flow**.
6. Click **Done** and wait for the flow run to complete.

- The flow should run successfully. If you want, you can click on the run itself and it will show you the details of what the flow did.



28-day run history ⓘ			All runs
Start	Duration	Status	
Mar 31, 03:57 PM (44 sec ago)	00:00:16	Succeeded	

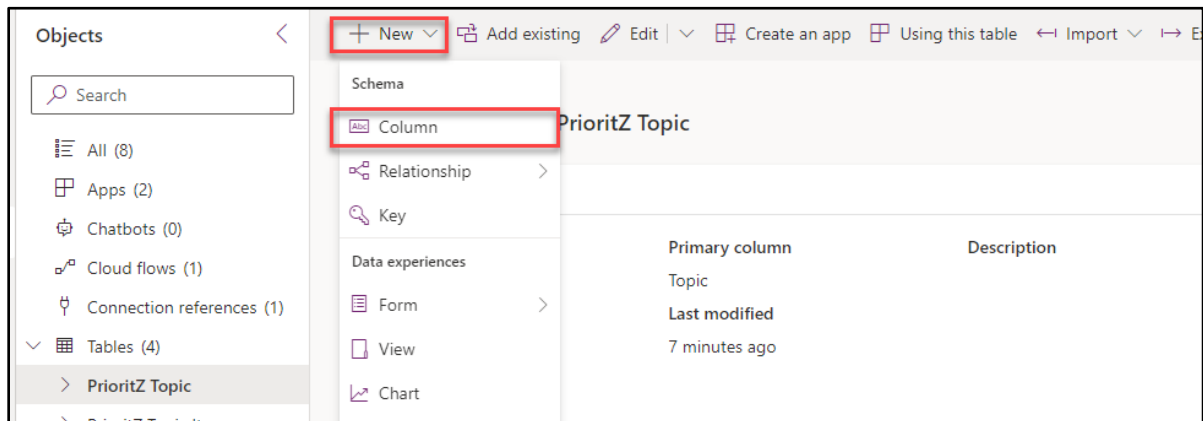
- Click on the browser back button.
- You should be back on the solution you imported.

Exercise 3 – Add a column for My Notes

In this exercise, you will add a new column **My Notes** to the topic table and update the PriortZ Admin application.

Task 1: Add a new column

- Expand **Tables** and select the **PrioritZ Topic** table.
- Click **+ New** and select **Column**.



- Enter **My Notes** for Display name, select **Plain text** for Data type.

Display name *

My Notes

Description ⓘ

Data type * ⓘ

Multiple lines of text

Search

- Text > Single line of text
- Number > Plain text
- Date and time > Text area
- Lookup > Rich text
- Choice > Email
- Currency > Phone number
- Autonumber > Ticker symbol
- File > URL

Multiple lines of text

Plain text

4. Click **Save**.
5. Do not navigate away from this page.

Task 2: Update the admin app

1. Make sure you are still in the **PrioritZ** solution.
2. Select **Apps** and click to open the **PrioritZ Admin** application.

All (8)

Apps (2)

Chatbots (0)

Cloud flows (1)

Connection references (1)

Tables (4)

PrioritZ Topic

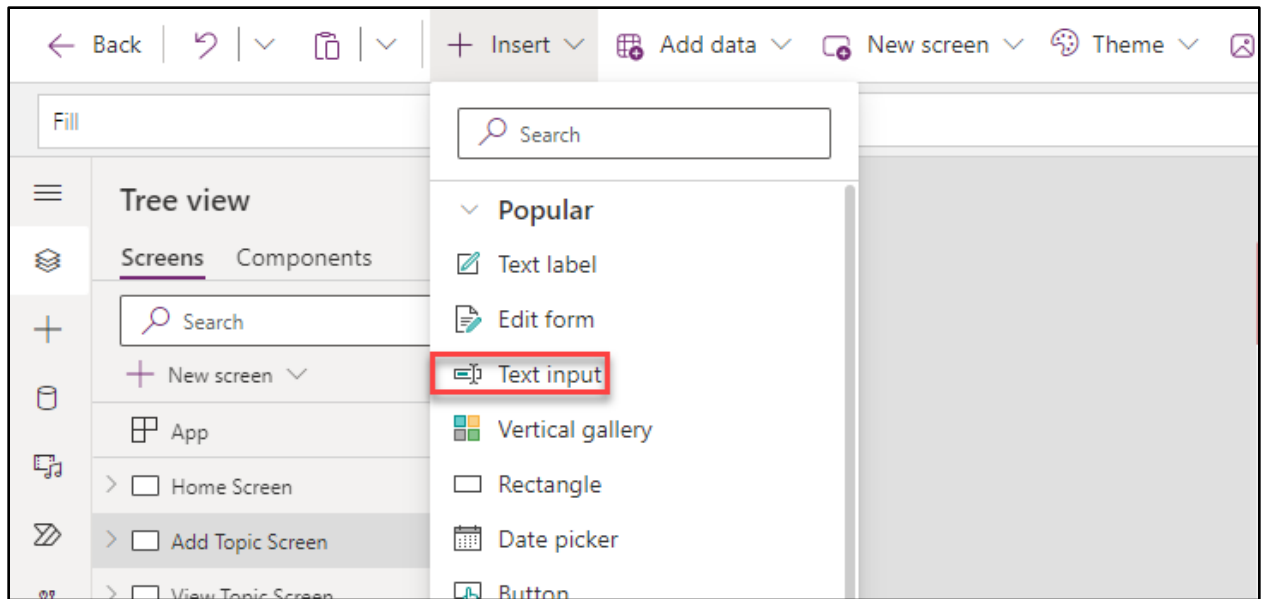
Prioritz > Apps

Display name ↑ ↓

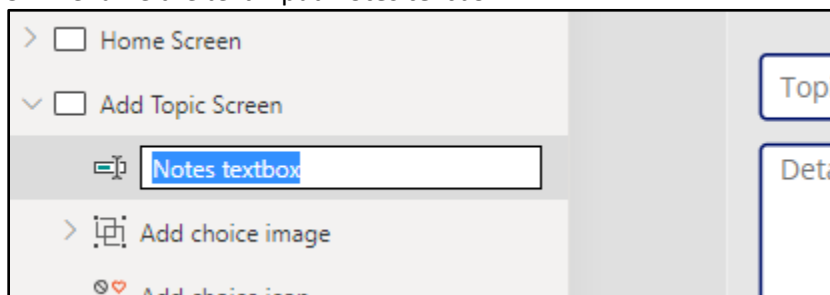
Prioritz Admin

Prioritz Ask

3. Select the **Add Topic Screen**.
4. Click **+ Insert** and select **Text input**.



5. Rename the text input **Notes textbox**.



6. Place the Notes textbox between the Details control and the Respond by label.

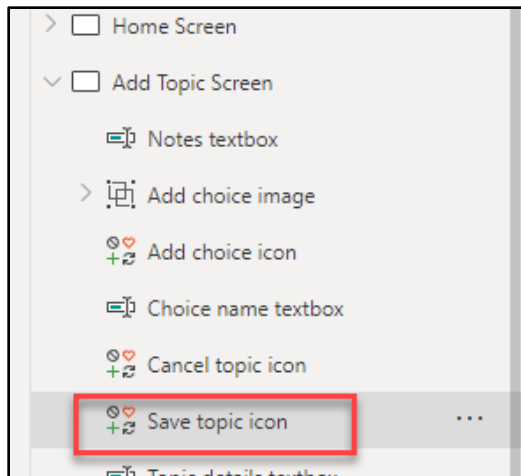
7. Select **Notes** textbox.

8. Change the **HintText** value of the Notes textbox to **My notes**.

9. Remove the **Default** text.

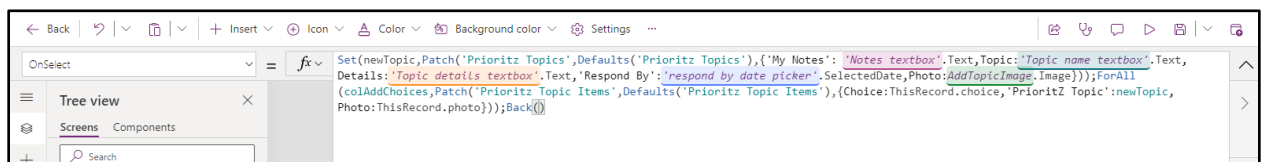
10. Change the **Mode** to **TextMode.Multiline**.

11. Select **Save topic icon**.

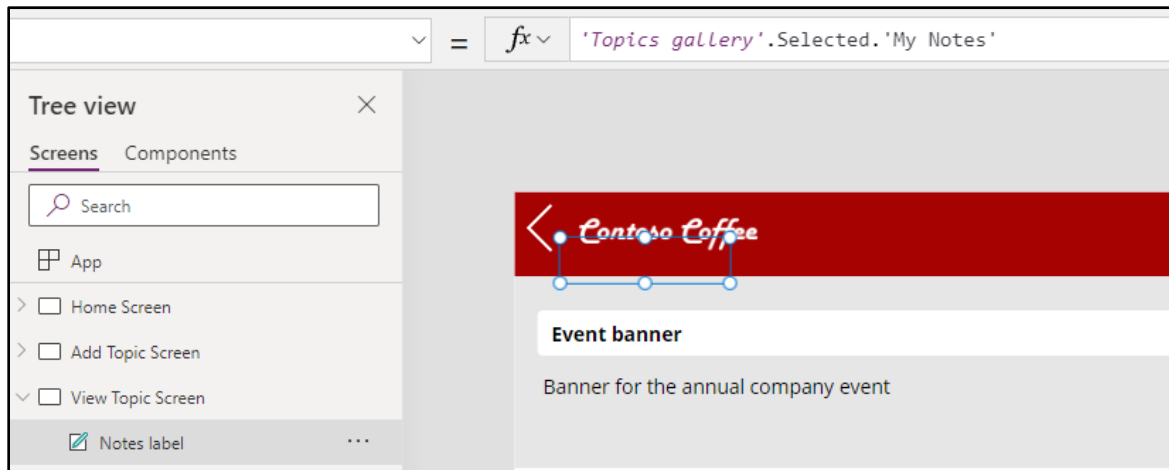


12. Replace the **OnSelect** formula of the **Save topic icon** with the formula below. The patch creates the new row in the Dataverse table.

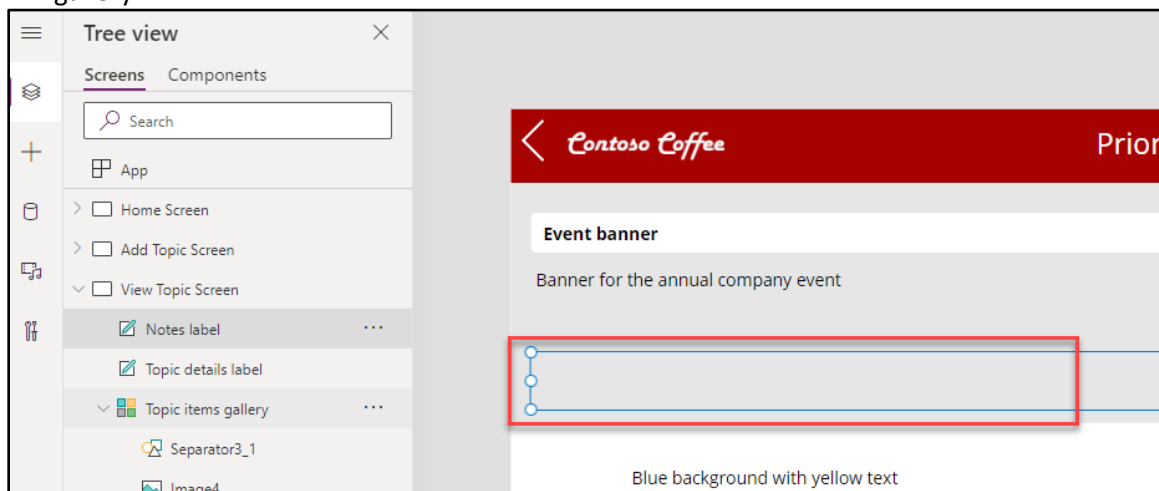
```
Set(newTopic,Patch('Prioritz Topics',Defaults('Prioritz Topics'),{'My Notes':
'Notes textbox'.Text,Topic:'Topic name textbox'.Text,Details:'Topic details
textbox'.Text,'Respond By':'respond by date
picker'.SelectedDate,Photo:AddTopicImage.Image}));ForAll(colAddChoices,Patch('P
rioritz Topic Items',Defaults('Prioritz Topic
Items'),{Choice:ThisRecord.choice,'Prioritz
Topic':newTopic,Photo:ThisRecord.photo}));Back()
```



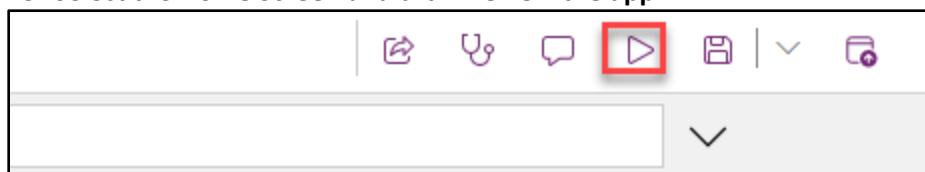
13. Select the **View Topic Screen**.
14. Click **+ Insert** tab and select **Text label**.
15. Rename the label you just added **Notes label**.
16. Change the **Text** value of the Notes label to **'Topics gallery'.Selected.'My Notes'**



17. Rearrange the controls and move the **Notes label** between the details label and topic items gallery.



18. Select the **Home Screen** and click **Preview the app**.



19. Click +.

20. Enter **Test notes** for Topic, **Testing the notes** for Details, **Some notes here** for My notes, select Response by date, and click **Tap or click to add a picture**.

Contoso Coffee PriortZ Admin

Test notes

Testing the notes

Some notes here

Respond By

11/29/2022

Choice

Tap or click to add a picture

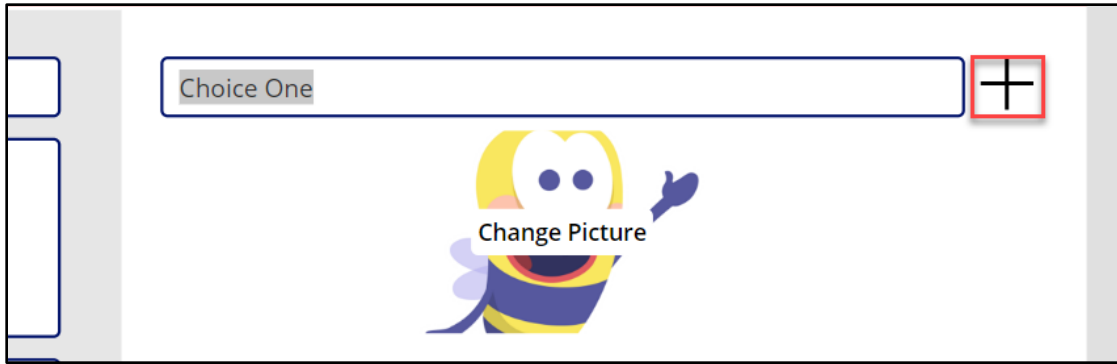
21. Select any photo from your machine.
22. Type **Choice One** and click **Tap or click to add a picture**.

Choice One

+

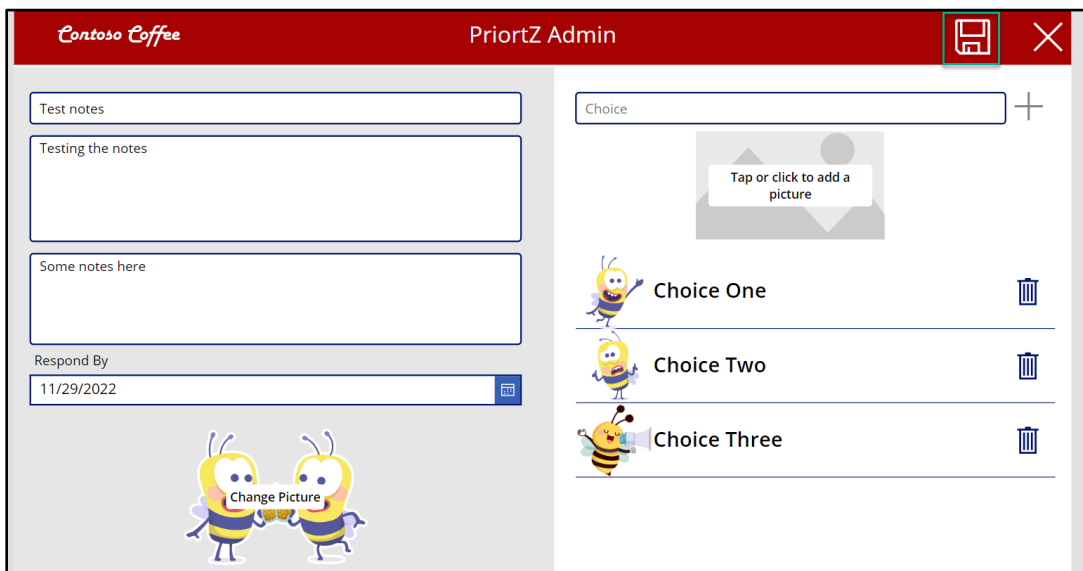
Tap or click to add a picture

23. Select any photo from your machine.
24. Click + choice.



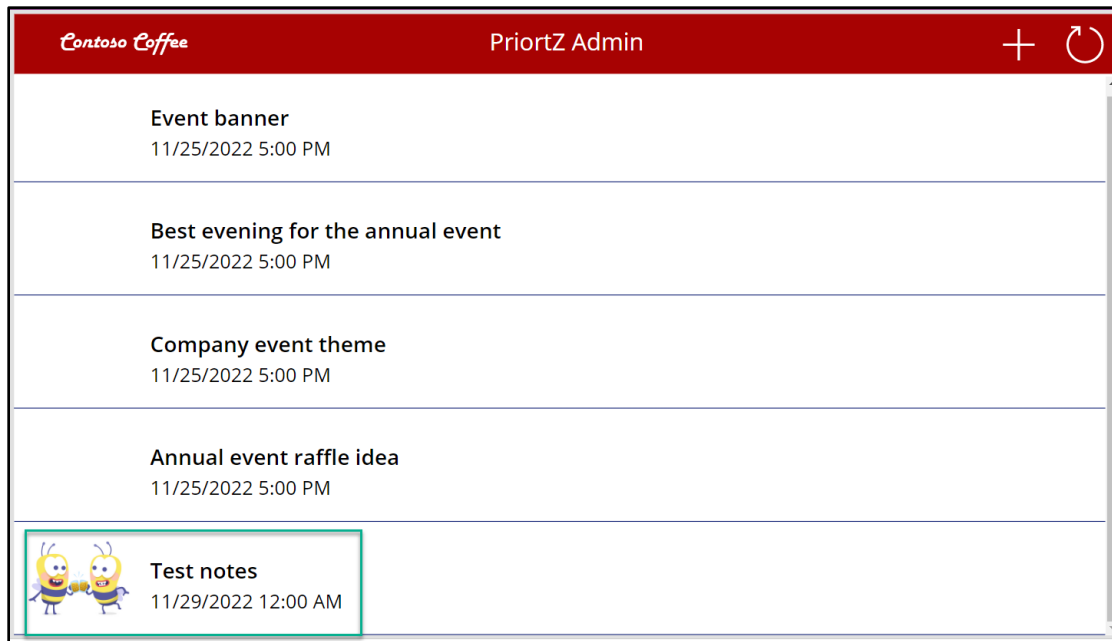
25. Add couple more choices with images.

26. Click **Save**.

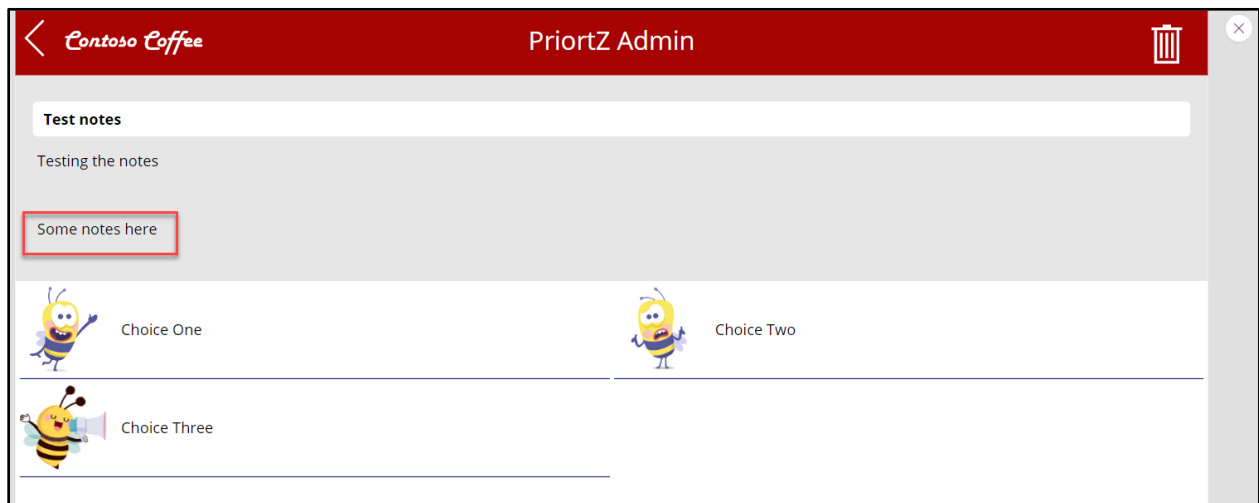


27. The new topic should be saved, and you should be navigated back to the list of topics.

28. Click to open the topic you just created.

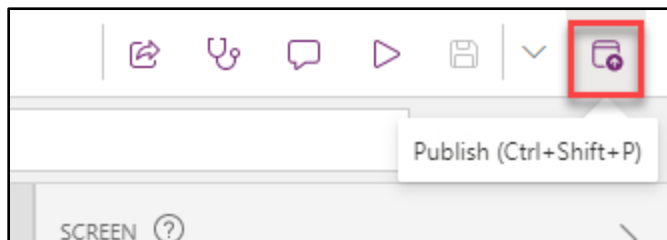


29. The notes should now be shown.



30. Close the app preview.

31. Click **Publish**.



32. Select Publish this version and wait for the publishing to be completed.

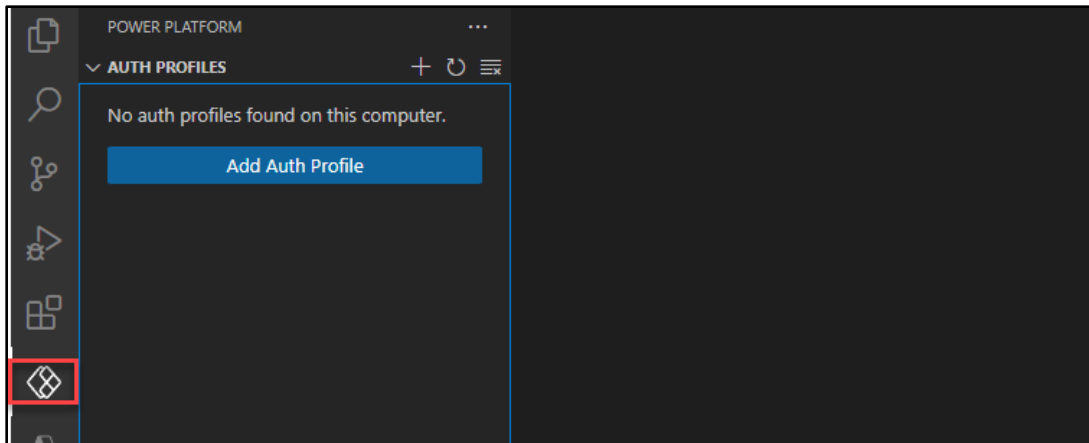
33. You may close the app designer.

Exercise 4 – Test Power Platform CLI

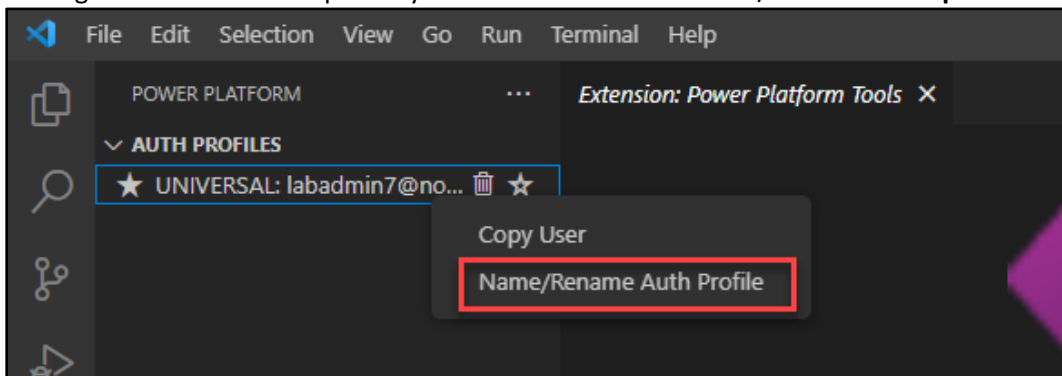
In this exercise, you will test the **Power Platform CLI**.

Task 1: Test the Power Platform CLI

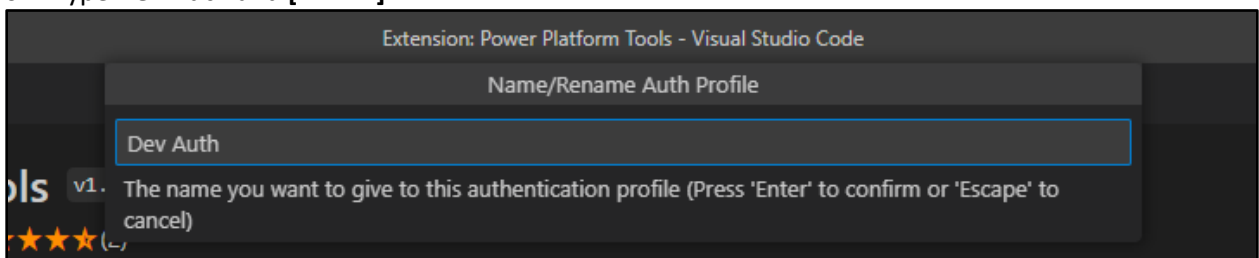
1. Open Visual Studio Code.
2. Select the **Power Platform** tab and click **Add Auth Profile**.



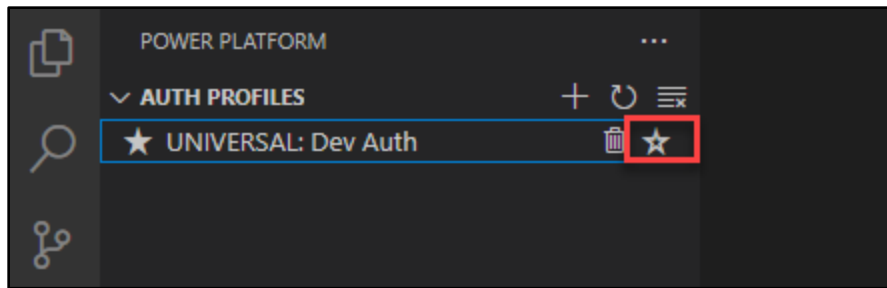
3. The sign in popup should appear.
4. Provide your credentials and sign in.
5. Right click on the auth profile you created and select **Name/Rename Auth profile**.



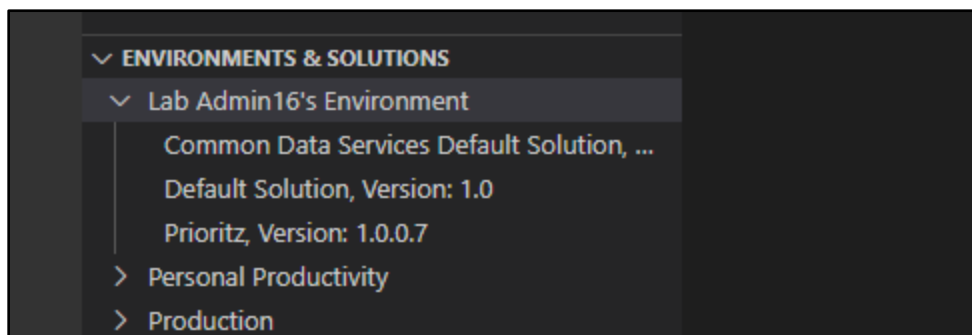
6. Type **Dev Auth** and **[ENTER]**.



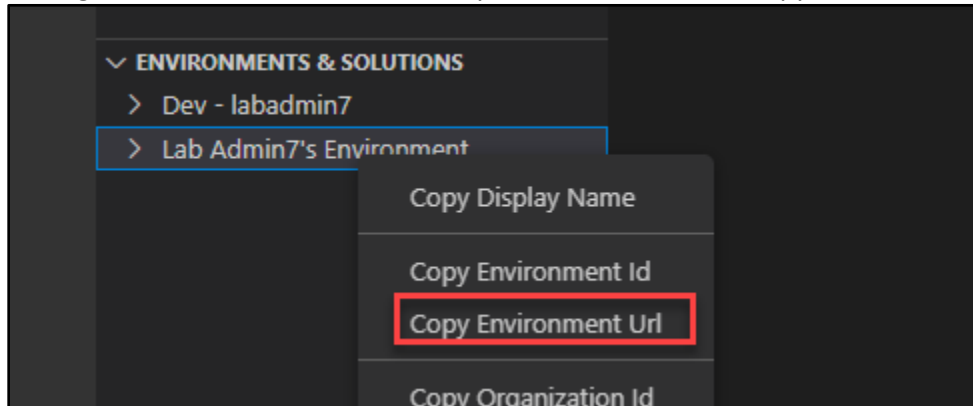
7. You should now have at least one auth profile. If you have more than profile, make sure the profile you created is selected.



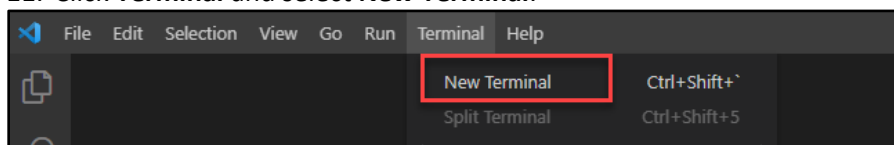
8. Go to the Environments & Solutions pane and expand the environment you are using for this lab.
9. You should see all the solutions in the environment.



10. Right click on the dev environment you created and select copy the **Environment Url**.



11. Click **Terminal** and select **New Terminal**.



12. Run the command below to select the dev environment. Replace **[YOUR ENVIRONEMNT URL]** with the environment URL you copied.

```
pac org select --environment [YOUR ENVIRONMENT URL]
```

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  AZURE

C:\Users\>pac org select --environment https://org0554957d.crm.dynamics.com/
```

13. Run the command below to see list of solutions.

```
pac solution list
```

14. You should see list of solutions installed on your environment.

```
C:\Users\>pac solution list
Connected to...Lab Admin16's Environment
Listing all Solutions from the current Dataverse Organization...

Index      Unique Name      Friendly Name
-----
[1]        Cr79138          Common Data Services Default Solution
[2]        Default          Default Solution
[3]        Prioritz         Prioritz
```