

Exercise - Create conditional logic

12 minutes

In Power Automate, you can add conditions to take different actions depending on a certain result, in this case, to indicate whether the request was approved or rejected.

ⓘ Note

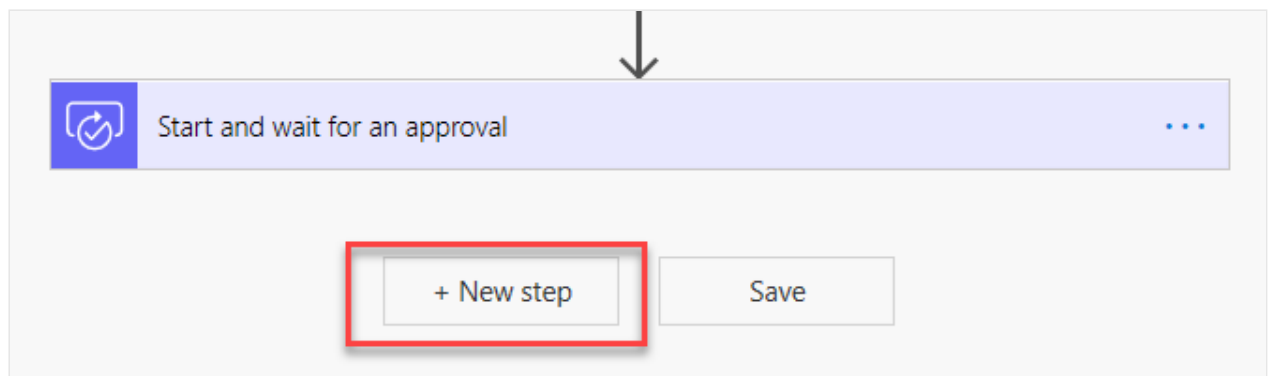
To complete the exercises, you'll need to use a few files. Download the **App in a Day files** for use in this module. The file folders that are in this download include:

- **Completed modules with instructions** - Package files to import the completed exercise steps.
- **Machine-Order-Data.xlsx** - File used in the exercises.

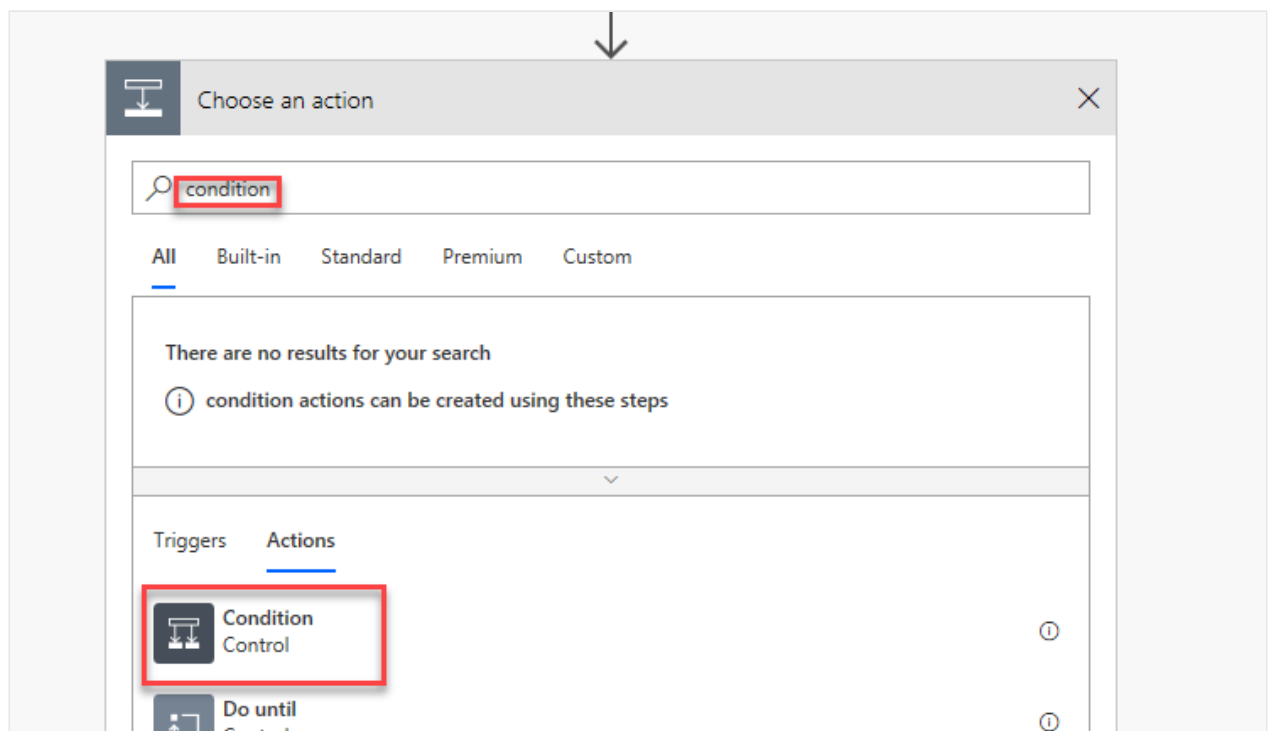
Task - Add conditional logic to the flow

In this task, you add conditional logic to the flow by following these steps:

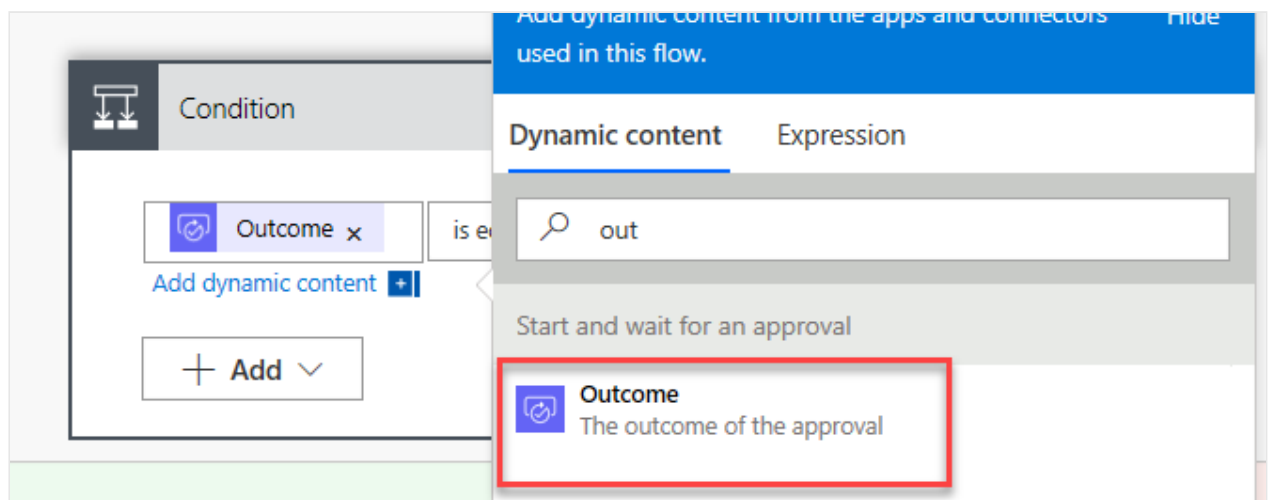
1. Select **New step**.



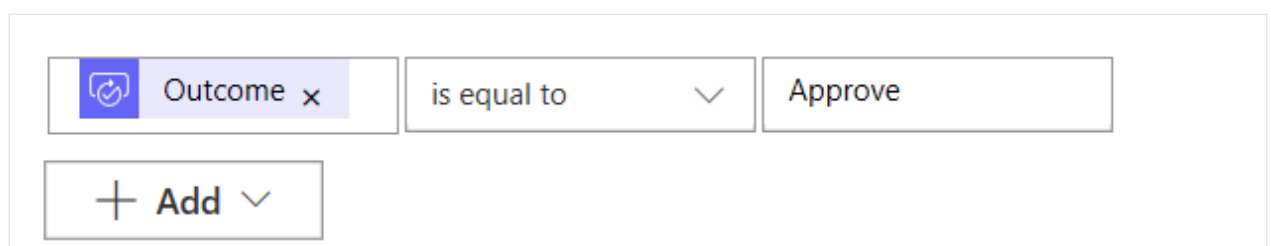
2. Search for and then select **Condition**.



3. Select the **Choose a value** box and select **Outcome** from the **Dynamic content** pane. You might need to select the plus (+) icon below the edit box to hide the **Dynamic content** pane.



4. Select **is equal to** for the condition and then type **Approve** for **Value**.



Task - Add conditional logic to the flow

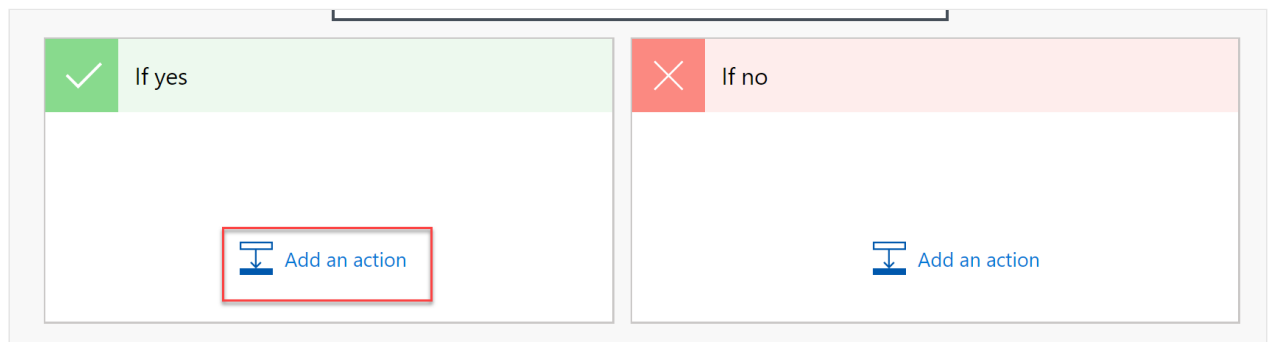
Now, you set up what actions to perform if the response is approved or not: YES branch vs. NO branch.

You add two actions:

- Update the record in the **Machine Order** table.
- Send an email to the employee who requested the machine.

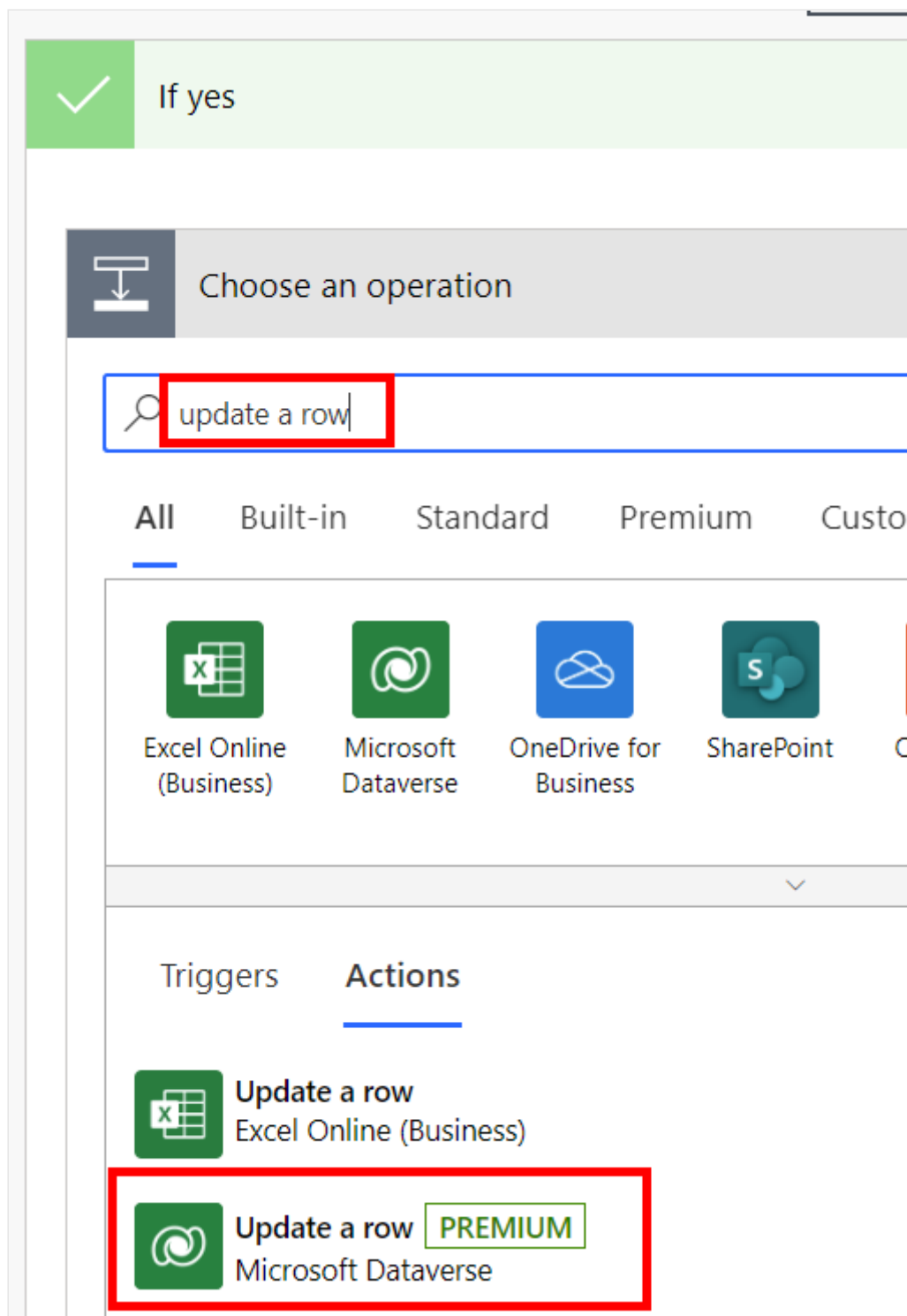
Follow the steps to add the actions.

1. In the left **If yes** box, select **Add an action**.



The image shows a workflow editor interface with two conditional branches. The left branch is labeled 'If yes' with a green header and a checkmark icon. The right branch is labeled 'If no' with a red header and an 'X' icon. Both branches have a large white area below the header for actions. In the 'If yes' branch, a red rectangular box highlights a button with a downward arrow icon and the text 'Add an action'. In the 'If no' branch, there is also a button with a downward arrow icon and the text 'Add an action'.

2. Search for **Update a Row** and select **Update a Row Microsoft Dataverse**.



3. Select **Machine Orders** from the **Table name** dropdown menu.
4. Select the **Row ID** and then select **Machine Order** from the **Dynamic content** pane.

Update a row

* Table name: Machine Orders

* Row ID: Machine Order

Machine Name:

Price: Machine Price

Show advanced options

Add an action

Add dynamic content from the apps and connectors used in this flow.

Dynamic content Expression

machine

When a row is added, modified or deleted

Machine Name

Machine Order
Unique identifier for entity instances

Every time you create a table in Dataverse, a column is automatically created with the same name of the table. This column serves as the unique lookup ID for the record (or row) that was created.

5. Select **Show advanced options**.
6. Select **Approve** from the **Approval Status** dropdown menu.

* Row ID: Machine Order

Machine Name:

Price: Machine Price

(Deprecated) Stage Id: Contains the id of the stage where the entity is located.

(Deprecated) Traversed Path: A comma separated list of string values representing the unique identifiers of s

Approval Status: Approve

Approved Date:

7. Select the **Approved Date** field and then select the **Expression** tab.

Approval Status: Approve

Approved Date:

Approver:

Capital Approved:

Comments:

Currency (Currencies): Unique identifier of the currency associated with the entity.

Add dynamic content

Add dynamic content from the apps and connectors used in this flow.

Dynamic content Expression


Search dynamic content

8. Type **utcNow()** and then select **OK**.

Approval Status	Approve	▼
Approved Date		
Approver		
Capital Approved		▼
Comments		
Currency (Currencies)	Unique identifier of the currency associated with the entity.	
Estimated Ship Date		
Machine Configured		▼

Add an expression to do basic things like convert, and compare values. [Learn more about dynamic content.](#)

Dynamic content Expression

fx **utcNow()** 

OK


9. Save the flow.


Task - Add another action

Your next task is to add the send email action to the **If yes** branch.

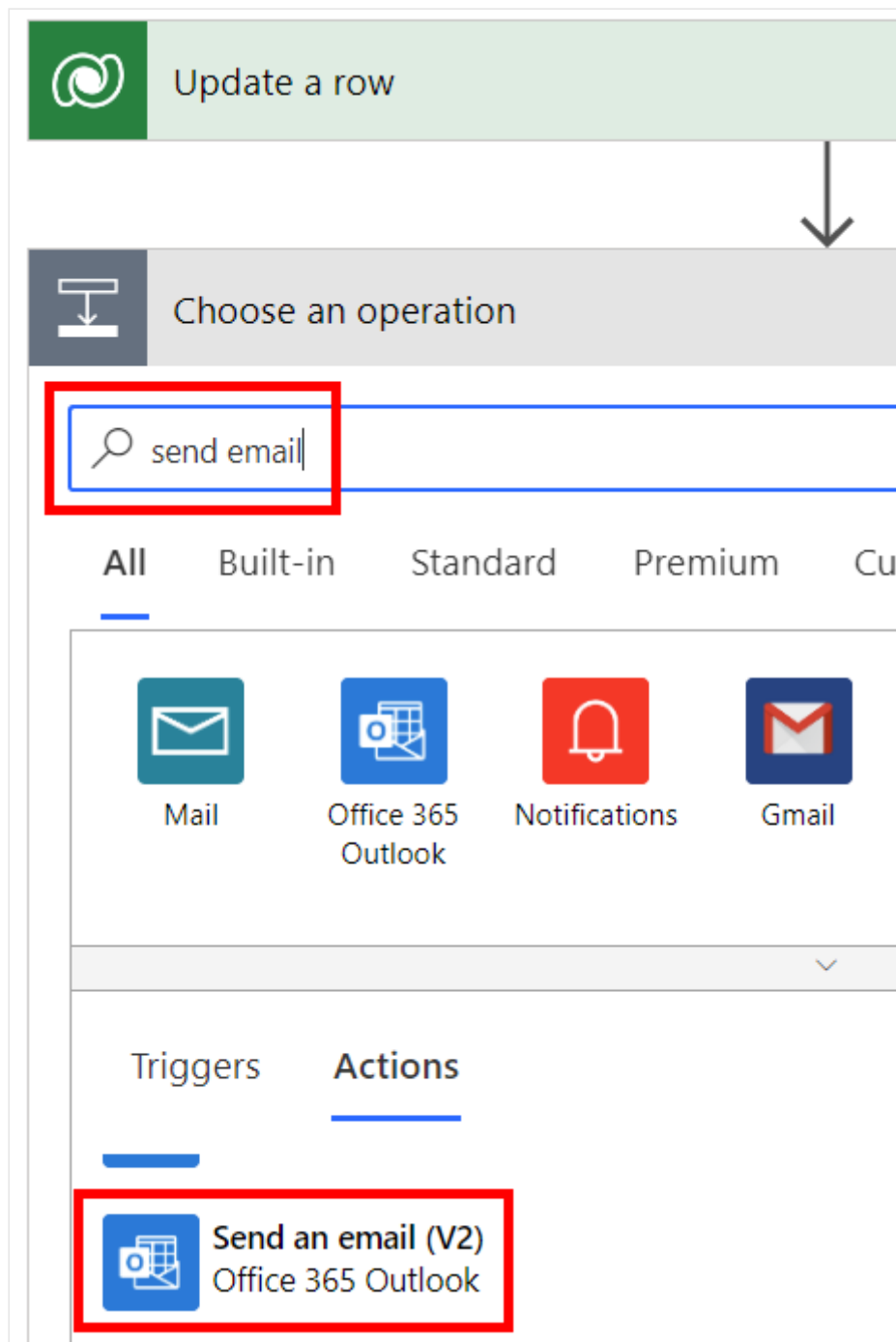
1. From within the **If yes** branch, select **Add an action**.

✓ If yes

 Update a row ...

 **Add an action**

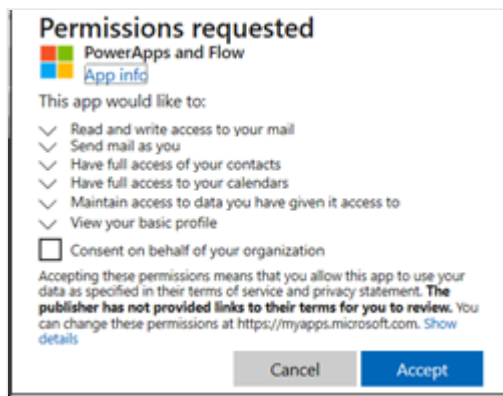
2. Search for **send email** and select **Send an email (V2) - Office 365 Outlook**.



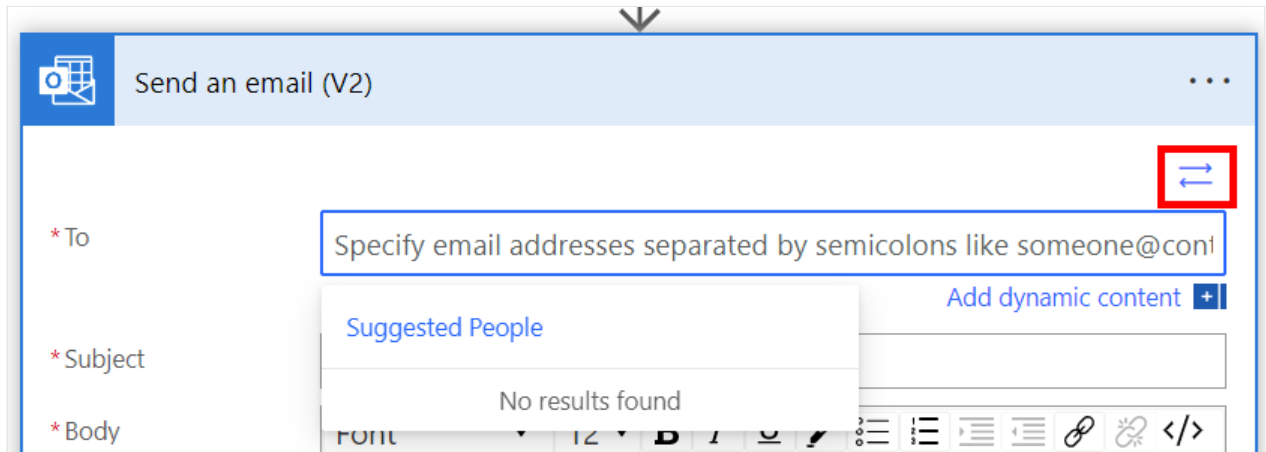
3. Select **Sign in** if prompted.



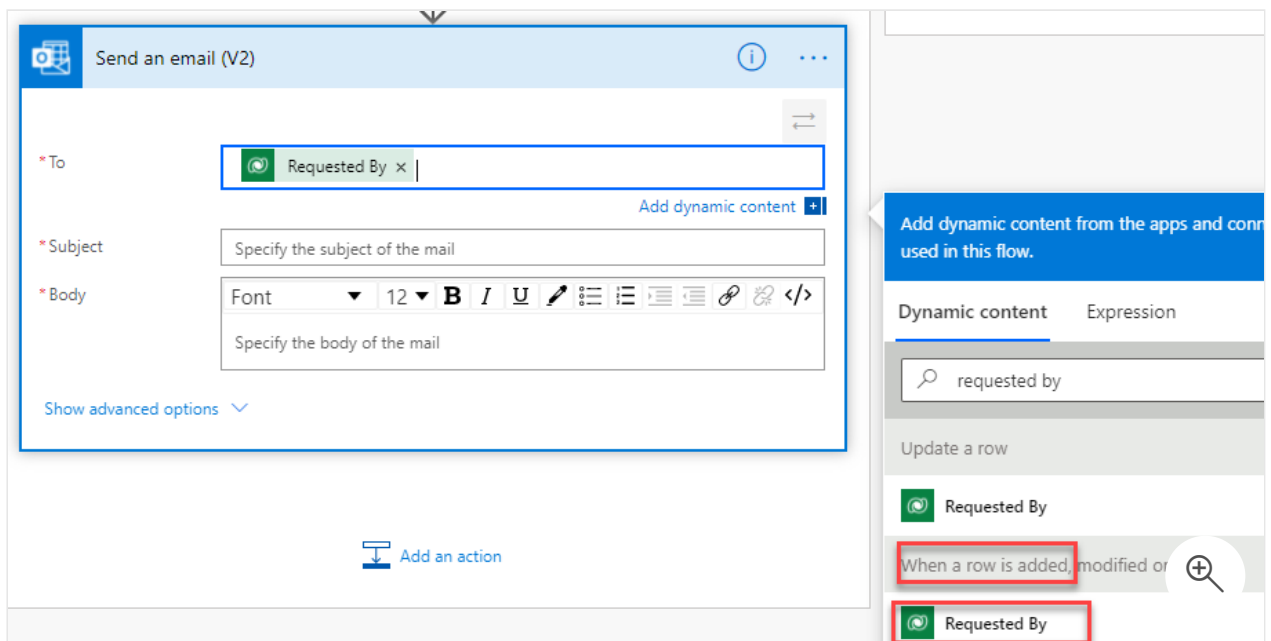
4. Select **Accept**.



5. Select the **To** field and then select **Switch to Advanced Mode**.



6. Select **Requested By** for the **To** field. Select from under the **When a row is added** action.



7. In the **Subject** field, enter **Your machine order has been approved!**

8. Select the **Code View** button.

Send an email (V2)

* To: Requested By x

* Subject: Your machine order has been approved!

* Body: Font 12 B I U [link icon] [unlink icon] [list icon] [source code icon]

Specify the body of the mail

Show advanced options v

9. Set the **Body** value as follows:

Your machine has been approved @{outputs('Update_a_row')}?

['body/contoso_machinename']]</br>

Estimated ship date: @{outputs('Update_a_row')}['body/contoso_estimatedshipdate']}]

</br>

@{outputs('Start_and_wait_for_an_approval')}['body/responseSummary']}]

Select **Machine Name** and **Estimated Ship Date** from the **Update a row** action.

Send an email (V2)

* To: Requested By x

* Subject: Your machine order has been approved!

* Body: </>

Your machine has been approved @{outputs('Update_a_row')}?['body/contoso_machinename']]</br>

Estimated ship date: @{outputs('Update_a_row')}['body/contoso_estimatedshipdate']}]</br>

@{outputs('Start_and_wait_for_an_approval')}['body/responseSummary']}]</br>

Show advanced options v

Note

If you don't have a Microsoft Office 365 mailbox set up, you can use another connector to send the email, such as Outlook.com, Gmail, or SendGrid.

10. Select **Save**.

Next unit: Exercise - Test the cloud flow

[Continue >](#)
