

- 08 -

The Activity tab:
Unwrapping your Agent's journey



MONTHLY MASTERY

FEATURE-A-DAY

with Copilot Studio



Sprinkled with holiday magic by
Katerina Chernevskaya



Activity tab What is it?

The **Activity** tab in Copilot Studio is like Santa's workshop, where you can see each present (action) and what led to its creation.

More precisely, it gives developers a **clear view** of all the activities during an agent's session, showing:

Triggers - what started the magic: the events that kicked off an action.

Actions - the tasks taken by the agent, similar to Santa's elves executing a plan.

Inputs and Outputs - the details about each step, providing transparency into what information went in and what came out, just like checking the naughty or nice lists!

This tool is invaluable when it comes to understanding, debugging, and optimizing your agent's behavior.



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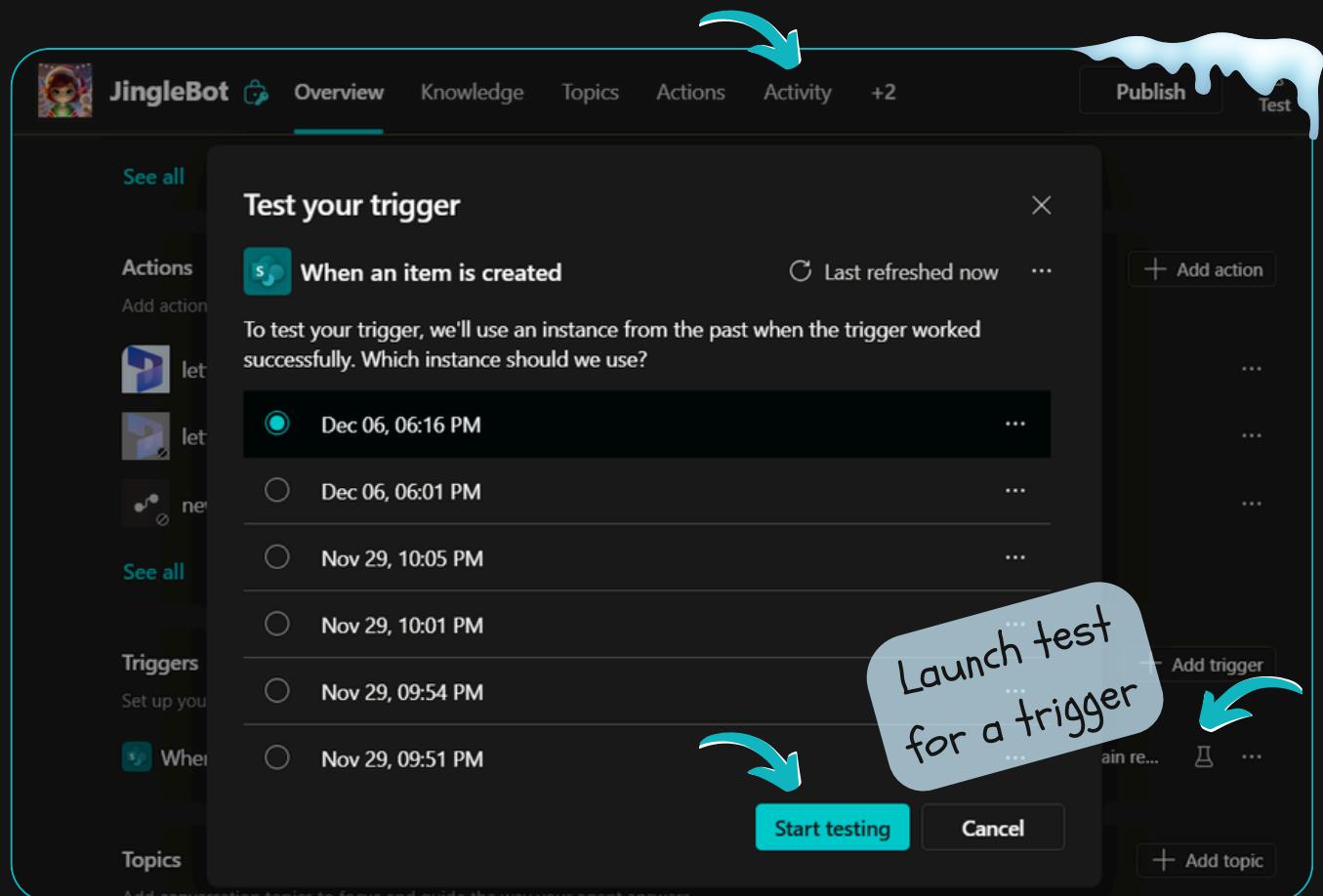


Test Agent components

Use the Activity tab

To test agent components effectively using the **Activity** tab.

Begin a session to generate real-time activity. This could involve running a trigger or interacting with your agent.



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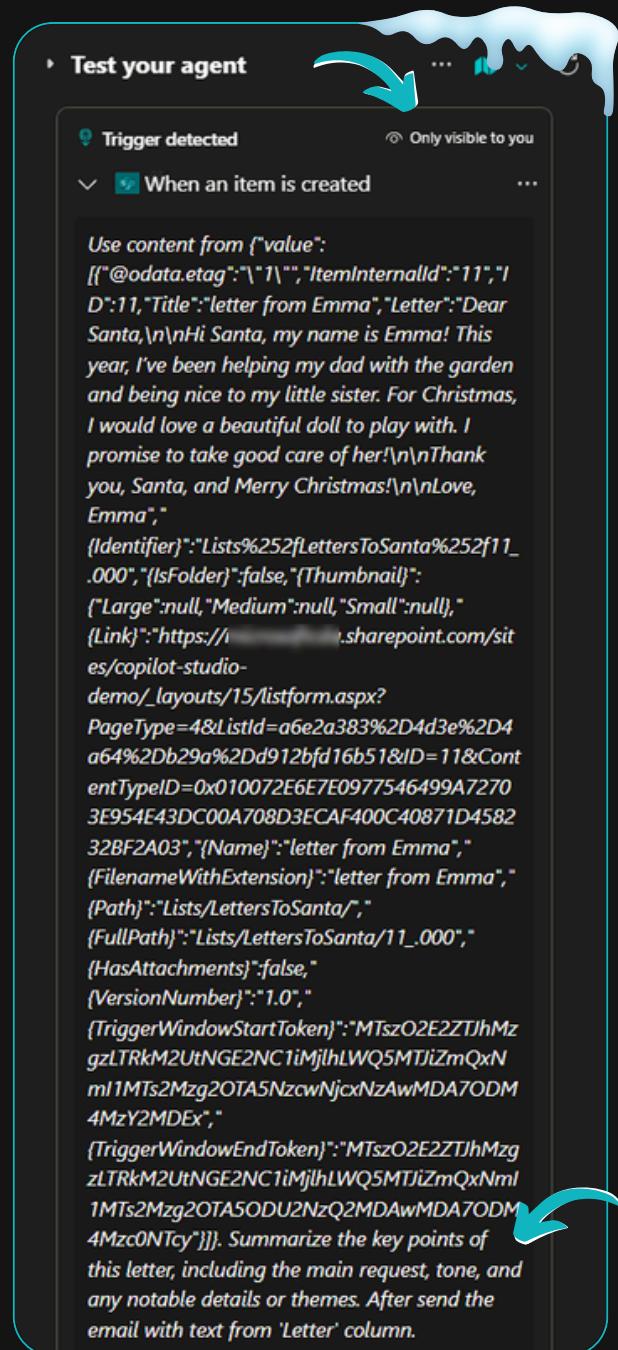
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Use the Activity tab

Watch as the Activity tab displays a trigger in the Test section.

Take note of the inputs your agent is receiving.

Note that this information is visible only to you, meaning end users won't see these details in the chat.



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Test Agent components

Use the Activity tab

See the **actions** that your agent takes in response.

For each action, the Activity tab provides details of both the **input** provided and the **output** produced.

The screenshot shows the Microsoft Flow Activity map interface for the JingleBot agent. At the top, there's a navigation bar with tabs: Overview, Knowledge, Topics, Actions, Activity, Analytics, and a plus sign icon. Below the navigation bar, there are several buttons: Activity map, Review, Variables, Track between topics, and a close button (X). A large blue arrow points from the 'Activity map' button down to the main activity card. The main card displays a sequence of actions:

- A 'Session started' message with a play button icon.
- An 'letter analyzer AIPlugin' action, which has a blue arrow pointing to it from the 'Activity map' button.
- A 'notify Flow' action, which also has a blue arrow pointing to it from the 'Activity map' button.

The 'notify Flow' card contains the following details:

- Description:** Send email with the 'Letter' text from the SharePoint item when the SharePoint item is created.
- Input (1):** {x} The Letter to Santa... String = Dear Santa,Hi Santa, my nan

At the bottom of the card, there's a 'Session in progress' message with a circular arrow icon.



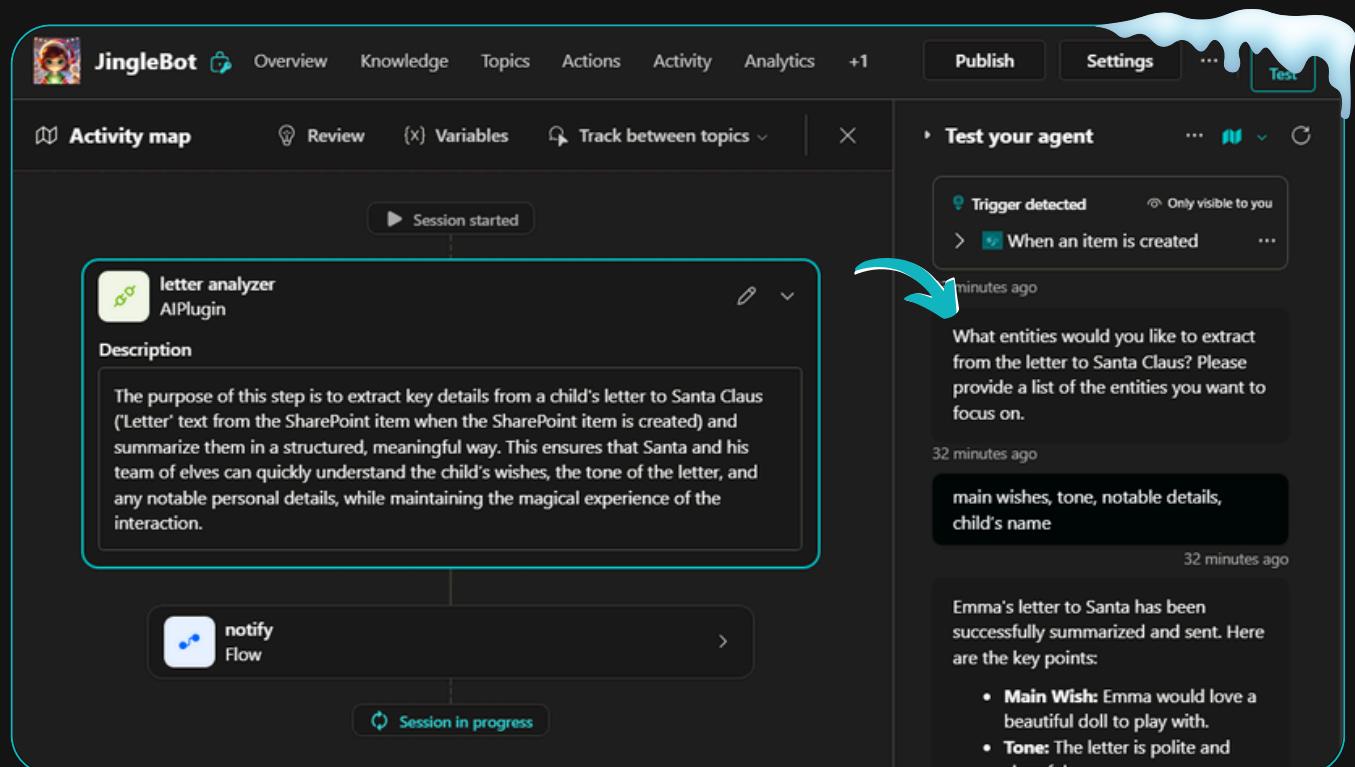
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Test Agent components

Use the Activity tab

If required, the [agent can ask](#) you for a value for an input. Look out for anything that might need adjustment, such as incorrect data flow or unexpected outputs.



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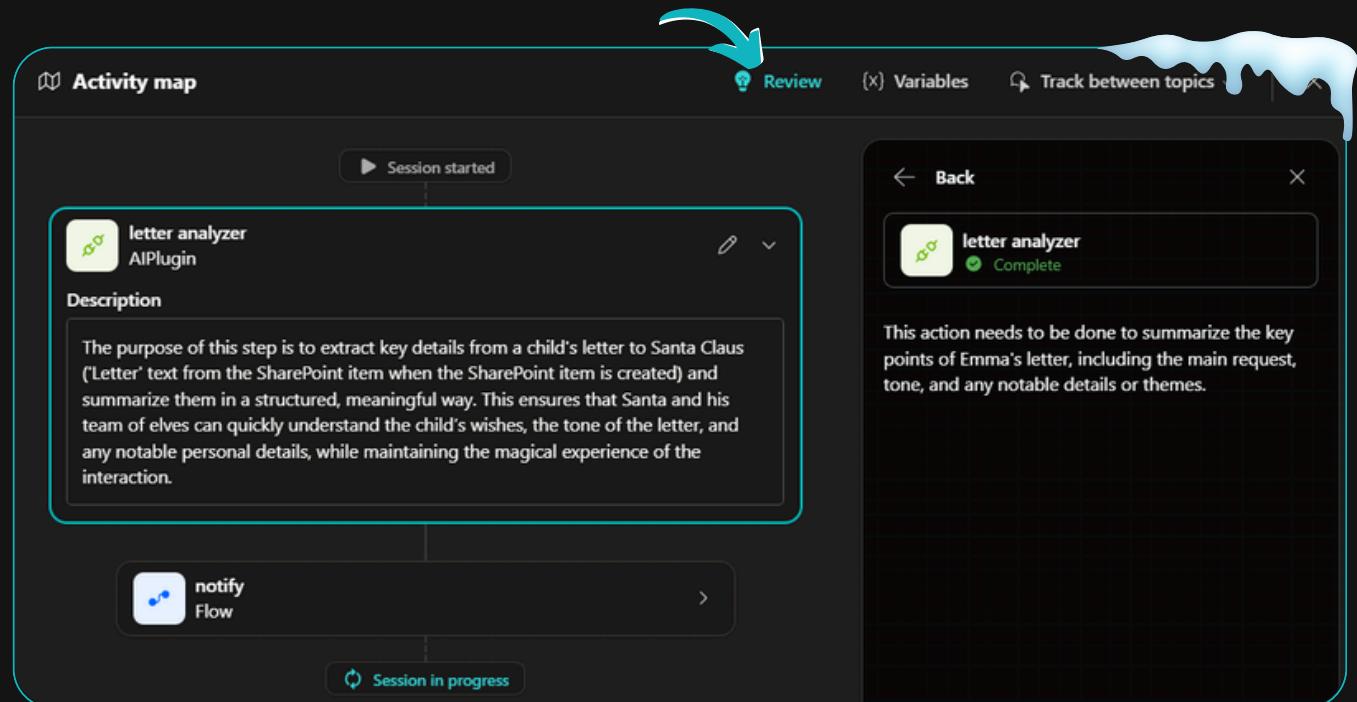


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For each action you can see detailed **annotations** from the agent explaining why it made certain decisions.

These annotations provide insights into the agent's logic.



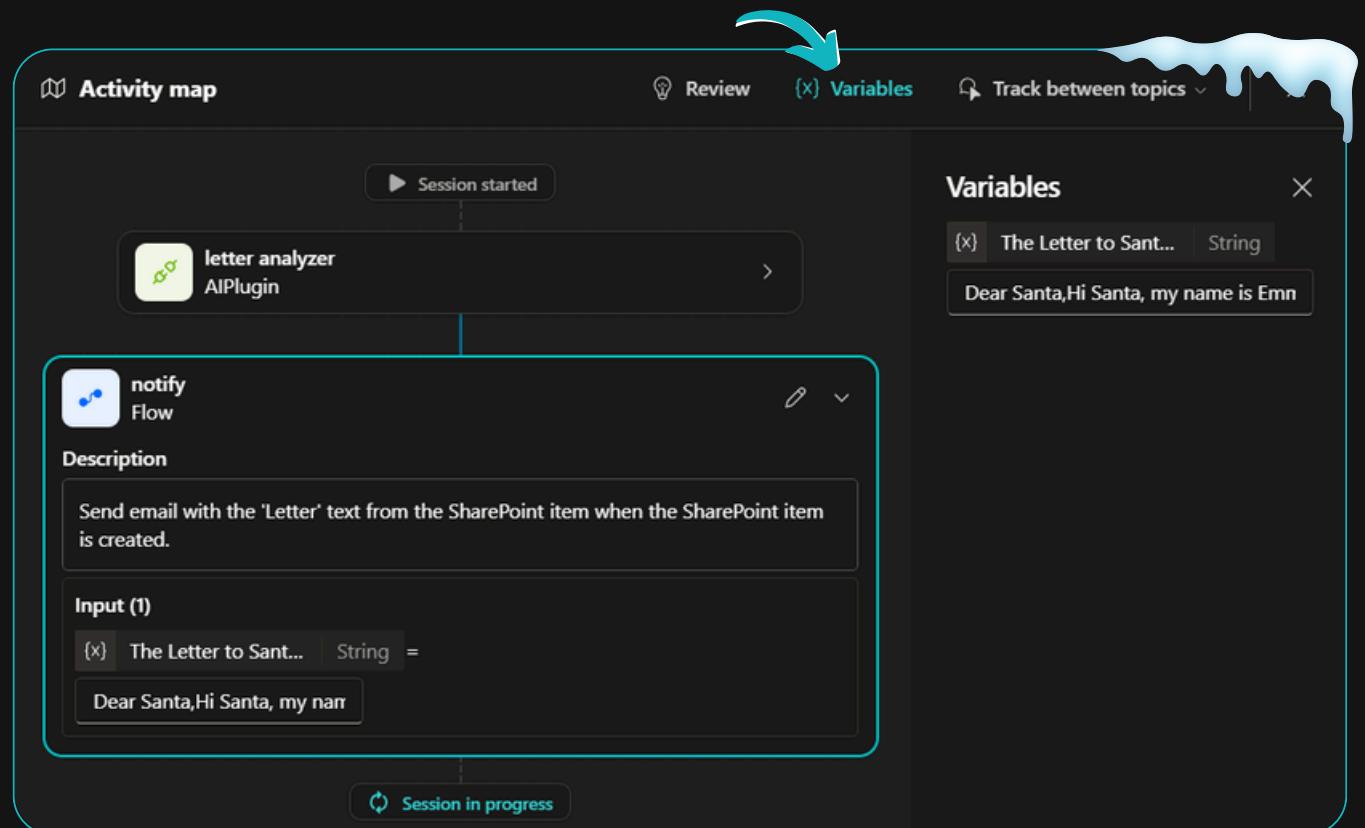
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Test Agent components

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In the **variables** section, you can also see all variables involved in the session, providing a complete overview of the data being used.



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Test Agent components

Use the Activity tab

For the historical activities you can switch to [Transcript](#) view.

This view displays the conversation that took place with the agent during a session. The transcript records user input, trigger payloads, and agent responses.

The screenshot shows the JingleBot interface with the 'Activity' tab selected. At the top, there's a header with the bot's name 'JingleBot', a lock icon, and navigation links: Overview, Knowledge, Topics, Actions, Activity, +2, Settings, and Test. Below the header, a message from a user at 12/06/24, 06:15 PM is shown, followed by a response from JingleBot at 12/06/2024, 18:15:06. The response text reads: "Hello, I'm JingleBot, a virtual assistant. Just so you are aware, I sometimes use AI to answer your questions. If you provided a website during creation, try asking me about it! Next try giving me some more knowledge by setting up generative AI." On the right side of the screen, there's a sidebar with a 'Trigger detected' section and a 'When an item is created' button. The main area below the messages shows a timeline with 'Session started' and 'Session in progress' markers. Between these markers are two cards: 'letter analyzer AIPlugin' and 'notify Flow'. A large teal arrow points to the 'Activity map' button in a dropdown menu, which also includes 'Review' and 'Variables' options. The 'Activity map' button has a teal outline. The entire screenshot is framed by a teal border.



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Activity tab Benefits

Transparency

It gives you complete insight into your agent's workings, like seeing how every toy gets built in Santa's workshop.



Debugging made easy

Quickly identify which triggers and actions are misbehaving, ensuring a smooth ride through your automation sleigh.

Optimization

Helps refine actions, making your agent more efficient – just like optimizing Santa's route for delivering gifts!

Learning tool

A great way for beginners to understand how different components interact, making Copilot Studio less of a mystery and more of a cozy, predictable journey.



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Today's Task: Master Activity tab



1. Create a simple agent

Add a couple of triggers and actions.

2. Run a test session

Use the Activity Tab to monitor the agent's steps. Check what inputs lead to which actions and why.

3. Tweak and test again

Just like trying different cookie recipes until Santa loves them, tweak the agent's actions and observe how it impacts outputs. Practice makes perfect!



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