

Exploring the UiPath GenAI Activities - Unlocking the Power of AI

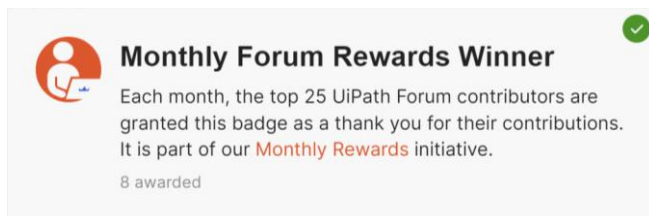


18th October 2024



Ashok Karale

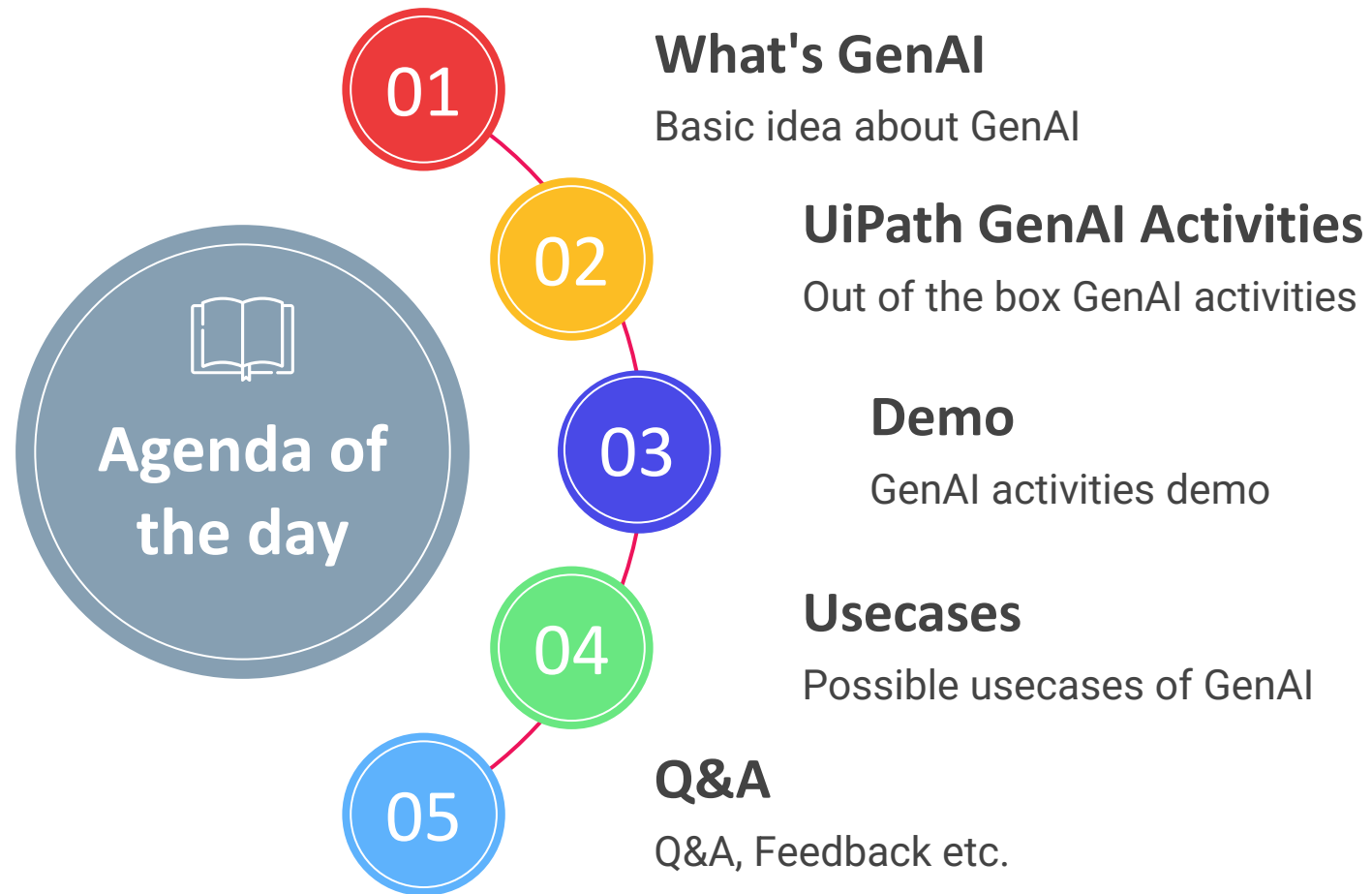
RPA Tech Lead | 5X UiPath Professional Certified
8X UiPath Forum Rewards Winner | RPA Enthusiast



Let's connect!

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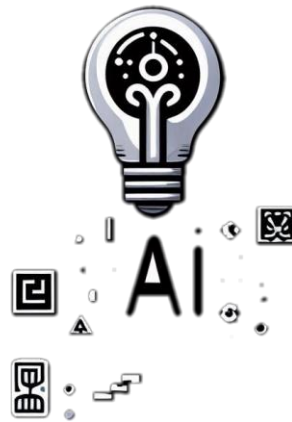






What's AI?

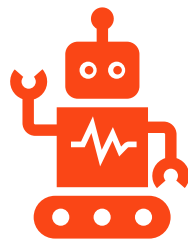
It's a technology that enables machines to perform tasks that usually require human intelligence. This includes understanding language, recognizing patterns, solving problems, and making decisions.





What's GenAI?

Generative AI (GenAI) refers to a type of artificial intelligence that can create new content. This content can include text, images, music, and even video. Unlike traditional AI, which might analyze or classify existing data, GenAI generates new data based on patterns it has learned.



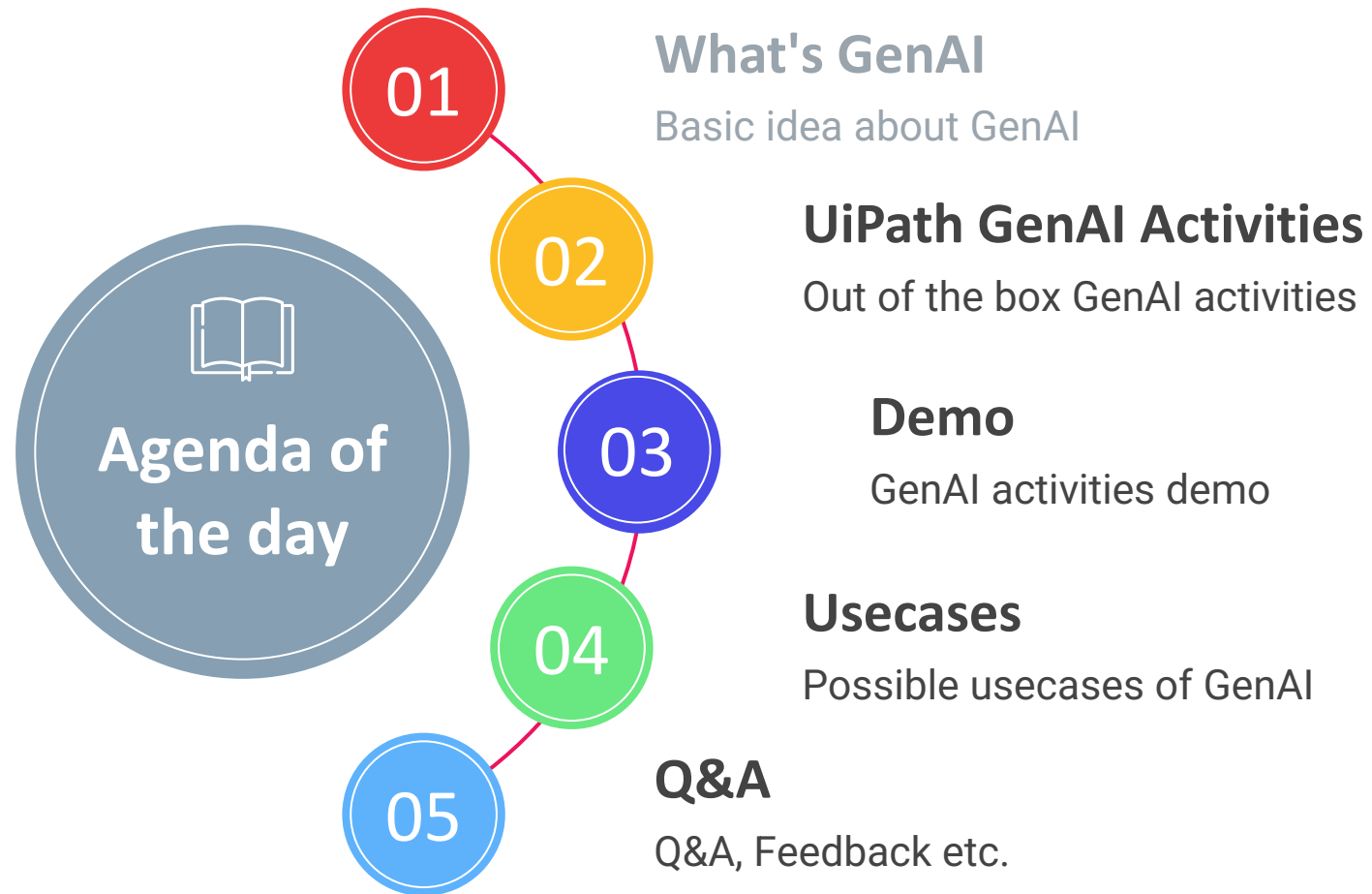


How GenAI works?

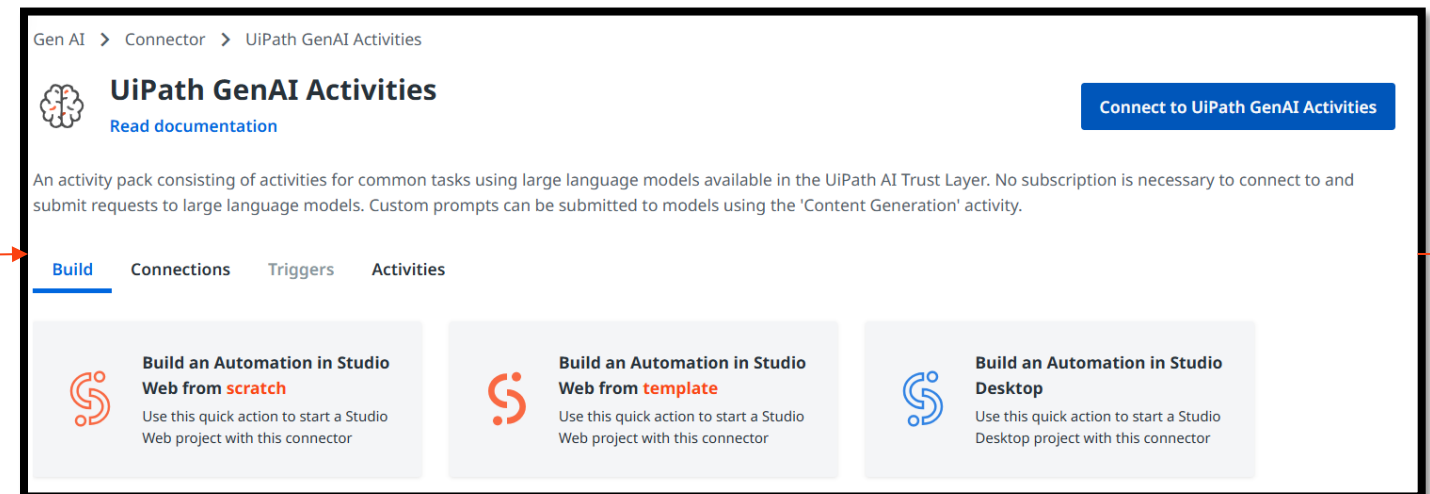
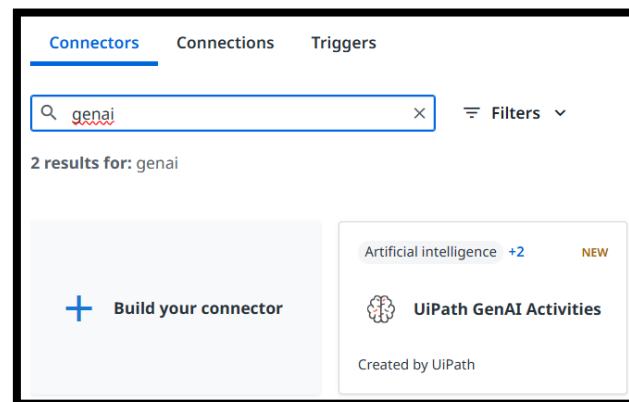
It uses complex models, like neural networks, that have been trained on large datasets. These models learn the patterns and styles from the data and then use this knowledge to generate new content that looks or sounds similar.

Prompt: Hyper realistic image for the mice and Cat both are sitting on green grass and enjoying together a glass milk



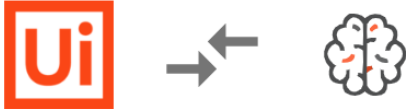


Initial Setup Integration Services



Initial Setup Integration Services


Connect to UiPath GenAI Activities



Connecting allows UiPath products to interact with UiPath GenAI Activities data on your behalf. This may include read, write, modify and delete data, depending on your UiPath GenAI Activities permissions.

Gen AI ⓘ


Connect

| Connectors | | | | | | |
|---|--------------|-----------------|----------------|-----------|-----------|---|
| Connections | | | | | | |
| Triggers | | | | | | |
| Search by connector or connection | | | | | | |
| Add connection | | | | | | |
| Connector ↕ | Connection ↕ | Created by ↕ | Created on ↕ | Default ↕ | Status ↕ | ⌵ |
|  UiPath GenAI Activities | karaleash... | karaleashoks... | 22nd June 2024 | Yes | Connected | ⋮ |
| 1 - 1 / 1 | | | | | | |
| Page 1 / 1 | | | | | | |
| Items per page: 20 | | | | | | |

Initial Setup Studio



Package:

UiPath.IntegrationService.Activities



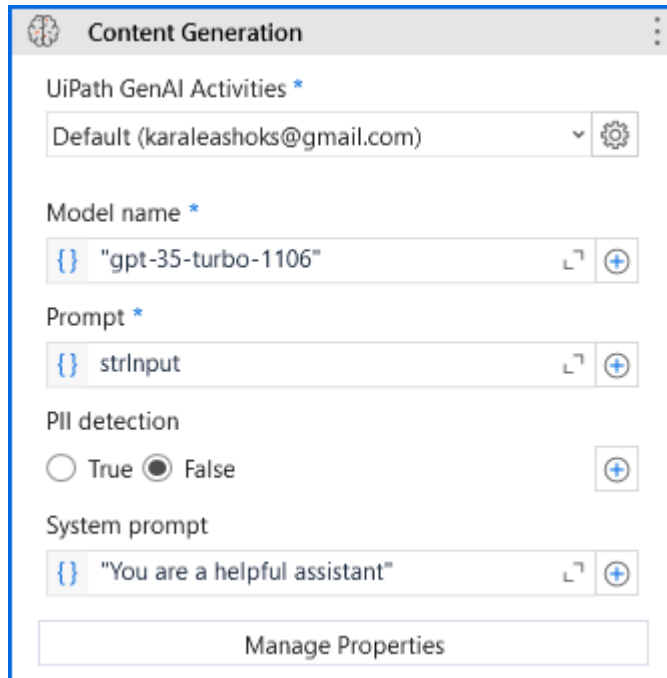
Integration Service Activities by UiPath

This Activity Pack is used to serve all activities for any connector from Integration Service's rich catalog. There is no need to manually install...

 v1.6.0 

1. Content Generation

Generates a chat response for the provided request using chat completion models.

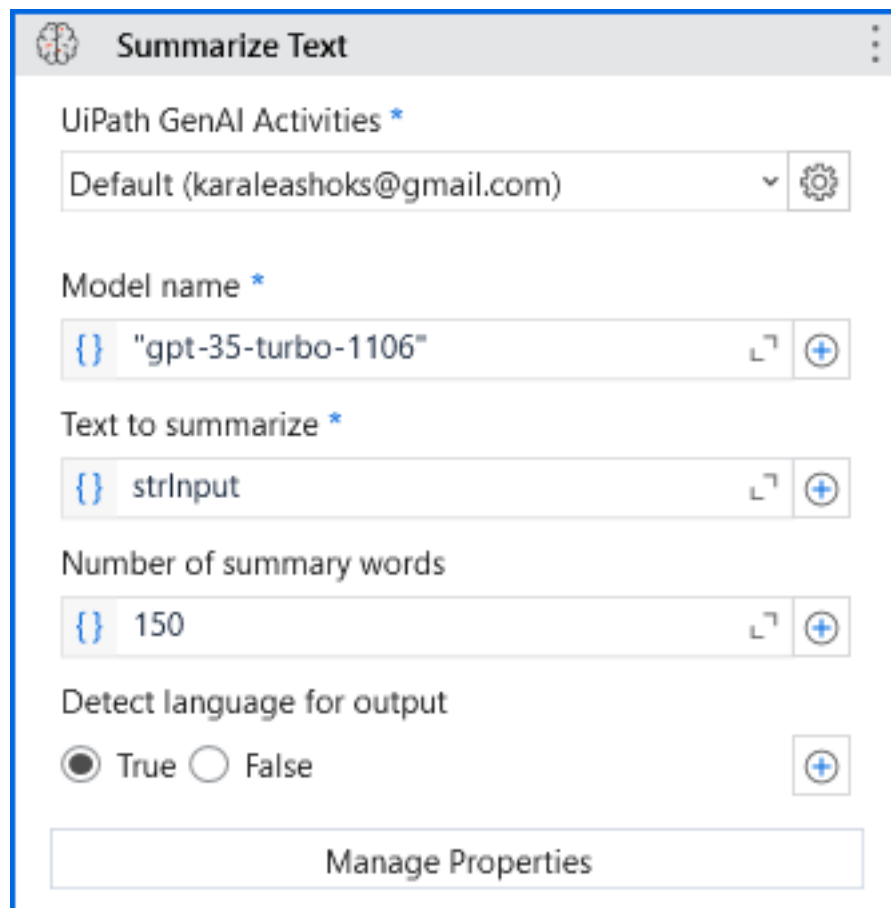


The screenshot shows the 'Content Generation' activity configuration window in UiPath. The window has a title bar with a brain icon and the text 'Content Generation'. Inside, there are several fields and controls:

- UiPath GenAI Activities ***: A dropdown menu showing 'Default (karaleashoks@gmail.com)' with a settings gear icon to its right.
- Model name ***: A text field containing '"gpt-35-turbo-1106"' with a code icon and a plus icon to its right.
- Prompt ***: A text field containing 'strInput' with a code icon and a plus icon to its right.
- PII detection**: Radio buttons for 'True' and 'False', with 'False' selected. A plus icon is to the right.
- System prompt**: A text field containing '"You are a helpful assistant"' with a code icon and a plus icon to its right.
- Manage Properties**: A button at the bottom of the configuration area.

2. Summarize Text

Summarizes text using a suitable Large Language Model (LLM).



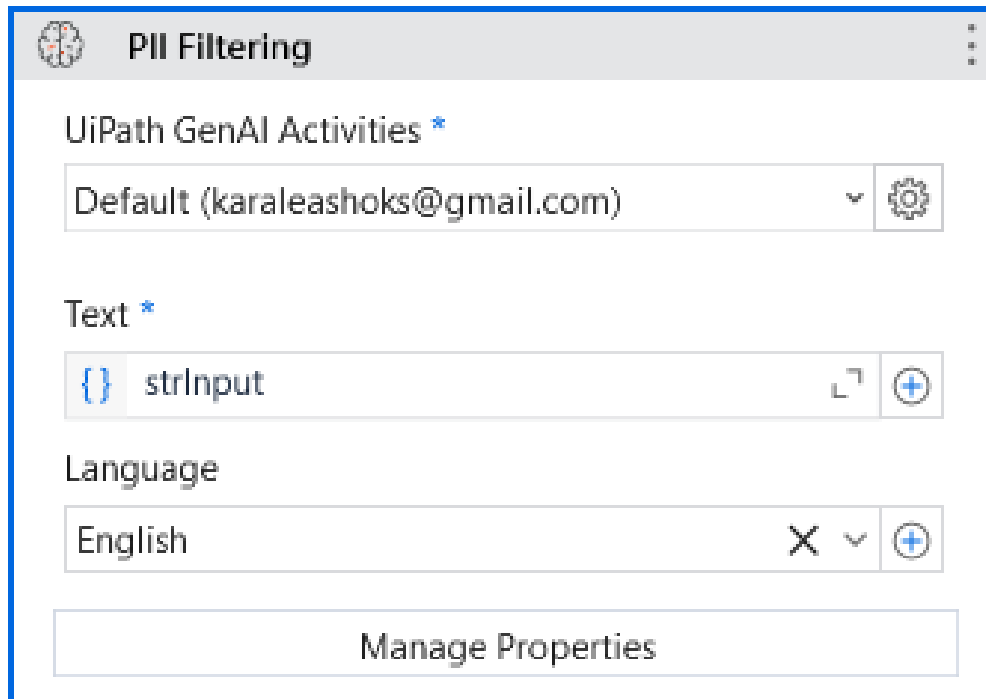
The screenshot shows the configuration window for the 'Summarize Text' activity. The window has a title bar with a brain icon and the text 'Summarize Text'. Below the title bar, there are several configuration fields:

- UiPath GenAI Activities ***: A dropdown menu showing 'Default (karaleashoks@gmail.com)' with a settings gear icon to its right.
- Model name ***: A text field containing '"gpt-35-turbo-1106"' with a code icon on the left and a plus icon on the right.
- Text to summarize ***: A text field containing 'strInput' with a code icon on the left and a plus icon on the right.
- Number of summary words**: A text field containing '150' with a code icon on the left and a plus icon on the right.
- Detect language for output**: A section with two radio buttons, 'True' (which is selected) and 'False', and a plus icon to the right.

At the bottom of the window is a button labeled 'Manage Properties'.

3. PII Filtering

Scans the input text, identifies any Personally Identifiable Information (PII) or Protected Health Information (PHI), and replaces such data with a redaction marker.



The screenshot shows the 'PII Filtering' configuration window. It has a title bar with a gear icon and the text 'PII Filtering'. Inside the window, there are three main sections: 'UiPath GenAI Activities *' with a dropdown menu set to 'Default (karaleashoks@gmail.com)' and a gear icon; 'Text *' with a dropdown menu set to '{} strInput' and a plus icon; and 'Language' with a dropdown menu set to 'English' and a plus icon. At the bottom, there is a button labeled 'Manage Properties'.

PII Filtering

UiPath GenAI Activities *

Default (karaleashoks@gmail.com)

Text *

{ } strInput

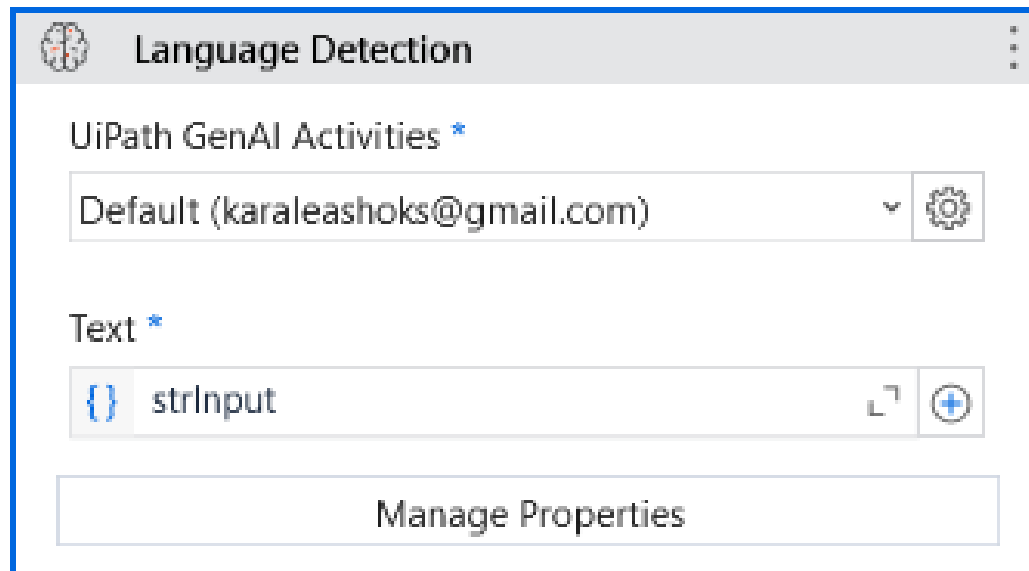
Language

English

Manage Properties

4. Language Detection

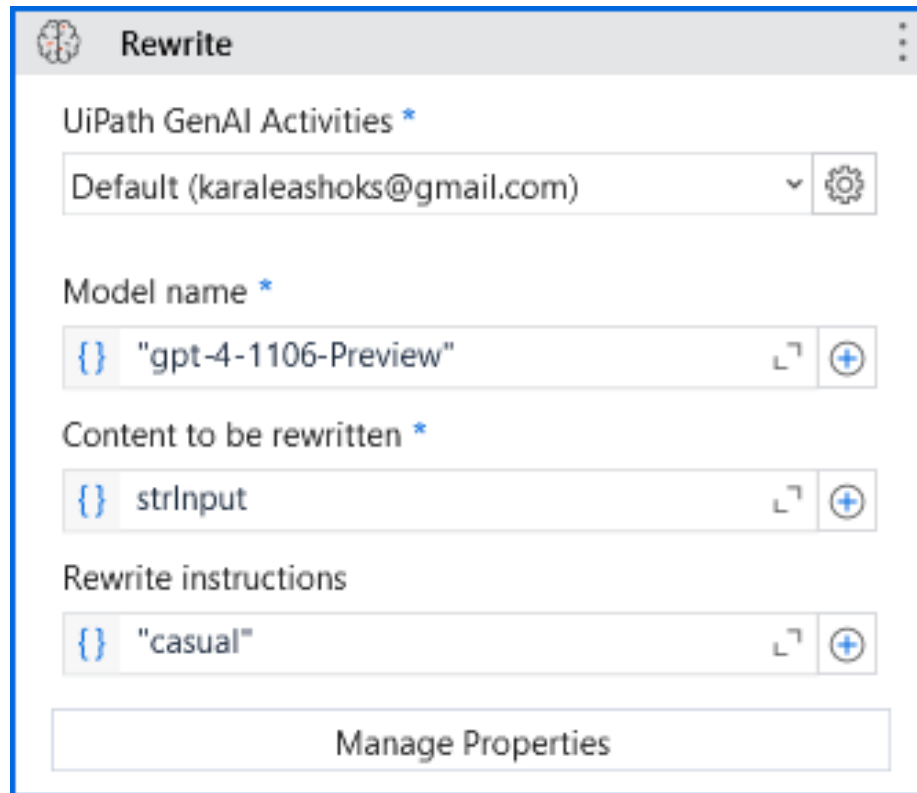
Allows you to detect the language of a given text. It analyzes the input text and determines the language it's written in.



The screenshot shows the 'Language Detection' activity configuration window. It has a title bar with a brain icon and the text 'Language Detection'. Below the title bar, there is a section 'UiPath GenAI Activities *' with a dropdown menu showing 'Default (karaleashoks@gmail.com)' and a gear icon. Below this is a 'Text *' section with a text input field containing '{} strInput' and a plus icon. At the bottom, there is a 'Manage Properties' button.

5. Rewrite

Allows you to submit text that you wish to be rewritten according to new style guidelines.



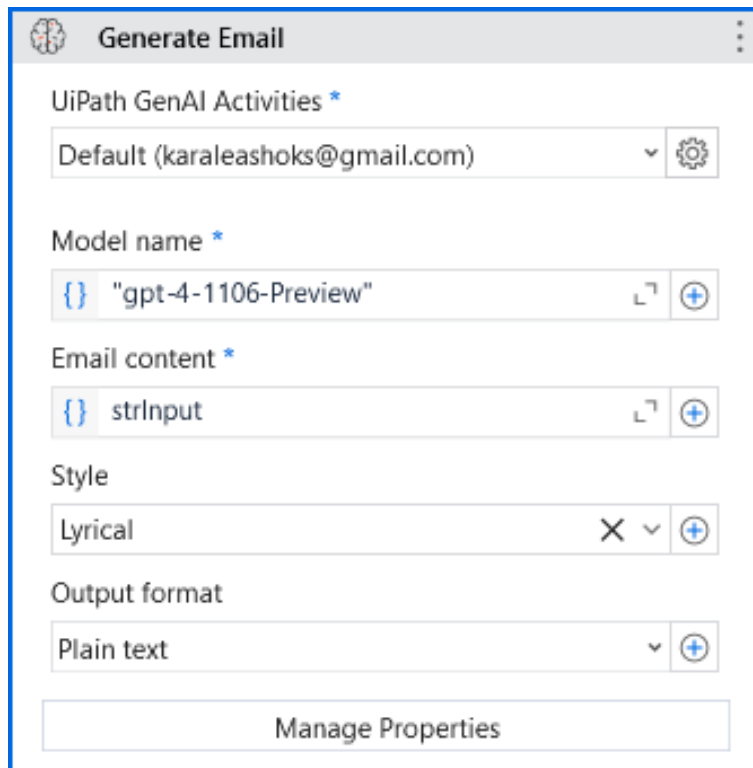
The screenshot shows the 'Rewrite' activity configuration window in UiPath. The window has a title bar with a brain icon and the text 'Rewrite'. Inside, there are four main sections:

- UiPath GenAI Activities ***: A dropdown menu showing 'Default (karaleashoks@gmail.com)' with a settings gear icon to its right.
- Model name ***: A text field containing '"gpt-4-1106-Preview"' with a copy icon and a plus icon to its right.
- Content to be rewritten ***: A text field containing 'strInput' with a copy icon and a plus icon to its right.
- Rewrite instructions**: A text field containing '"casual"' with a copy icon and a plus icon to its right.

At the bottom of the window is a button labeled 'Manage Properties'.

6. Generate Email

Enables you to have a draft of an email composed meeting a specific style.

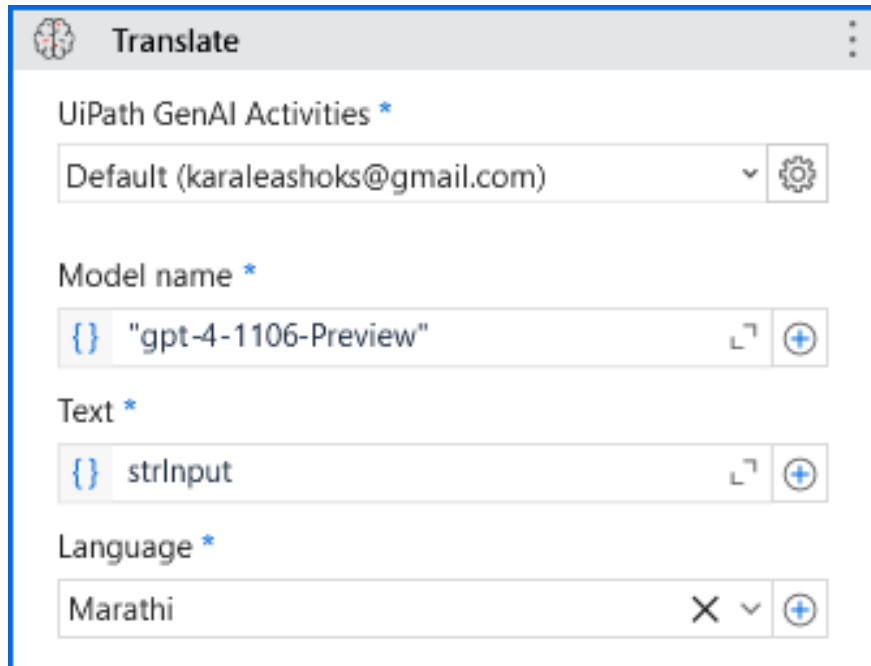


The screenshot shows the 'Generate Email' activity configuration window. It has a title bar with a brain icon and the text 'Generate Email'. The configuration includes several fields:

- UiPath GenAI Activities ***: A dropdown menu showing 'Default (karaleashoks@gmail.com)' with a settings gear icon to its right.
- Model name ***: A text field containing '"gpt-4-1106-Preview"' with a code icon on the left and a plus icon on the right.
- Email content ***: A text field containing 'strInput' with a code icon on the left and a plus icon on the right.
- Style**: A dropdown menu showing 'Lyrical' with a close icon and a plus icon to its right.
- Output format**: A dropdown menu showing 'Plain text' with a plus icon to its right.
- Manage Properties**: A button at the bottom of the configuration area.

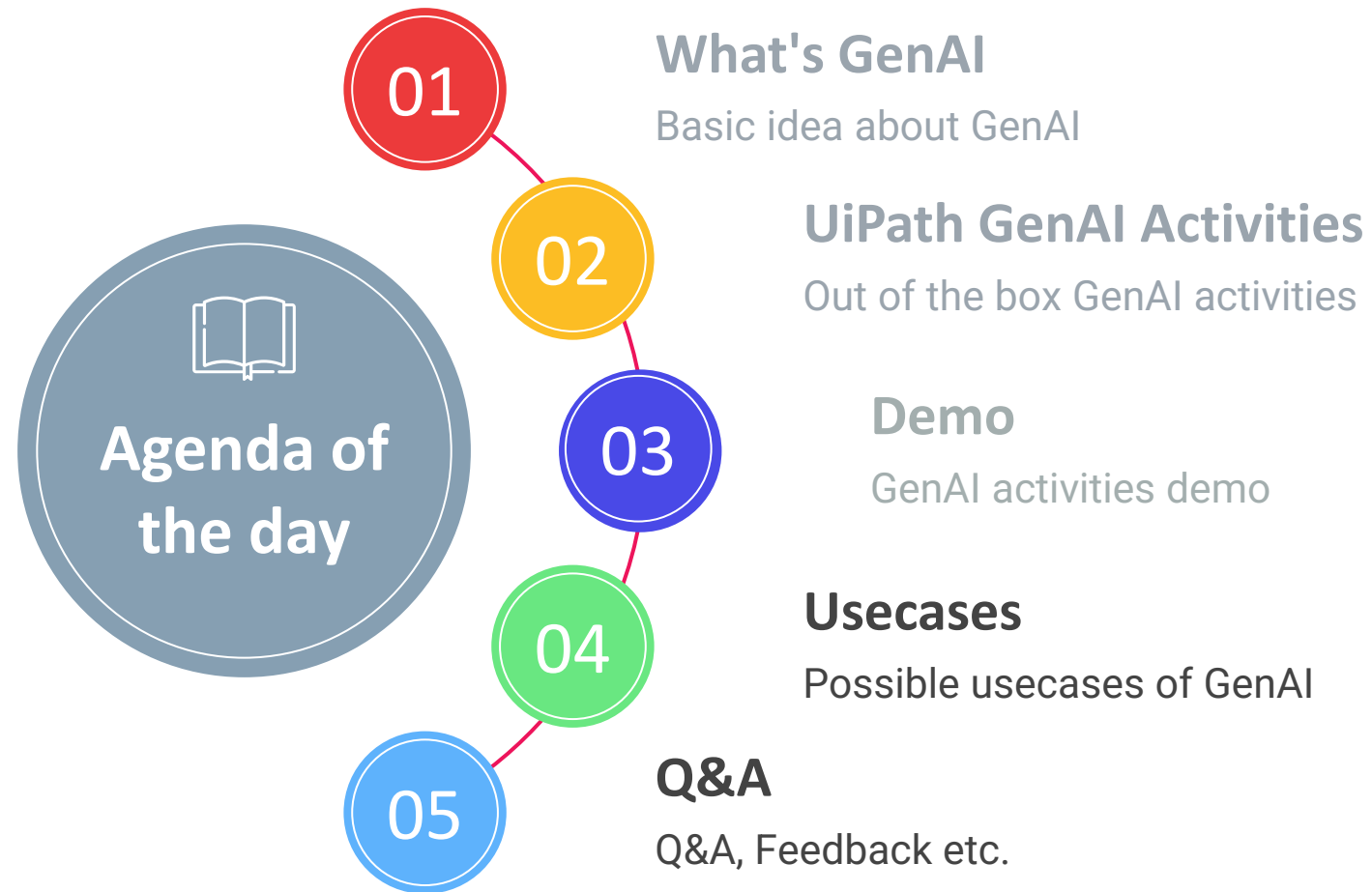
7. Translate

Takes input text and a target language and outputs the translated text in the specified language.



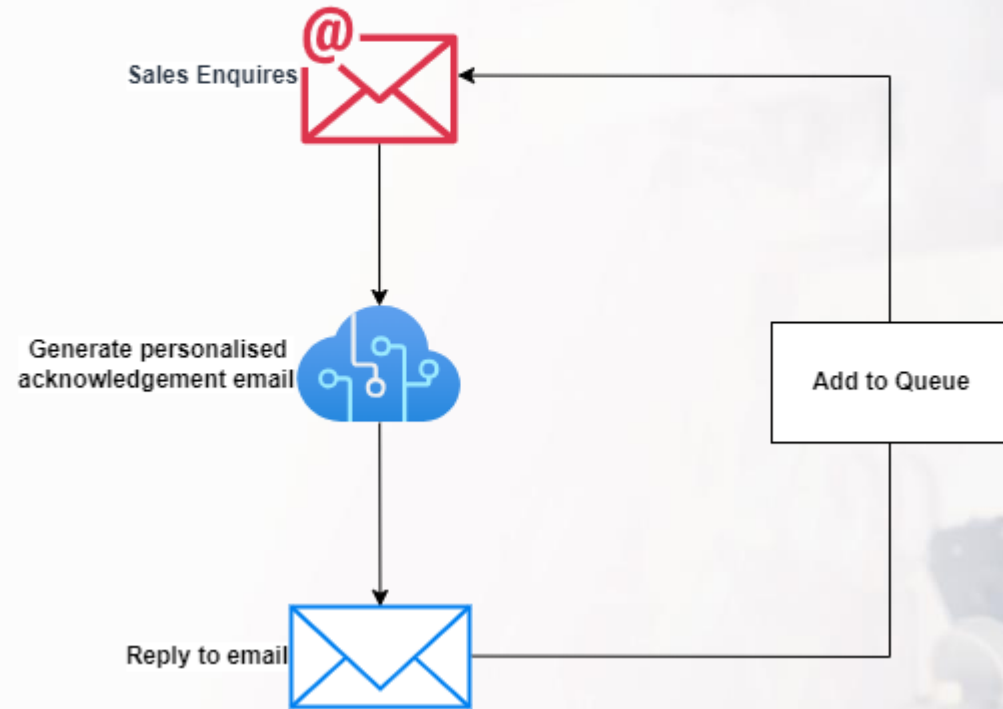
The screenshot shows the 'Translate' activity configuration window in UiPath. The window has a title bar with a brain icon and the text 'Translate'. Below the title bar, there are four input fields:

- UiPath GenAI Activities ***: A dropdown menu showing 'Default (karaleashoks@gmail.com)' with a settings gear icon to its right.
- Model name ***: A text input field containing '"gpt-4-1106-Preview"' with a code icon and a plus icon to its right.
- Text ***: A text input field containing 'strInput' with a code icon and a plus icon to its right.
- Language ***: A dropdown menu showing 'Marathi' with a close icon, a dropdown arrow, and a plus icon to its right.



Use case

Sales Enquiries Acknowledgement Process



Add to Queue

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- Check the product [documentation](#)

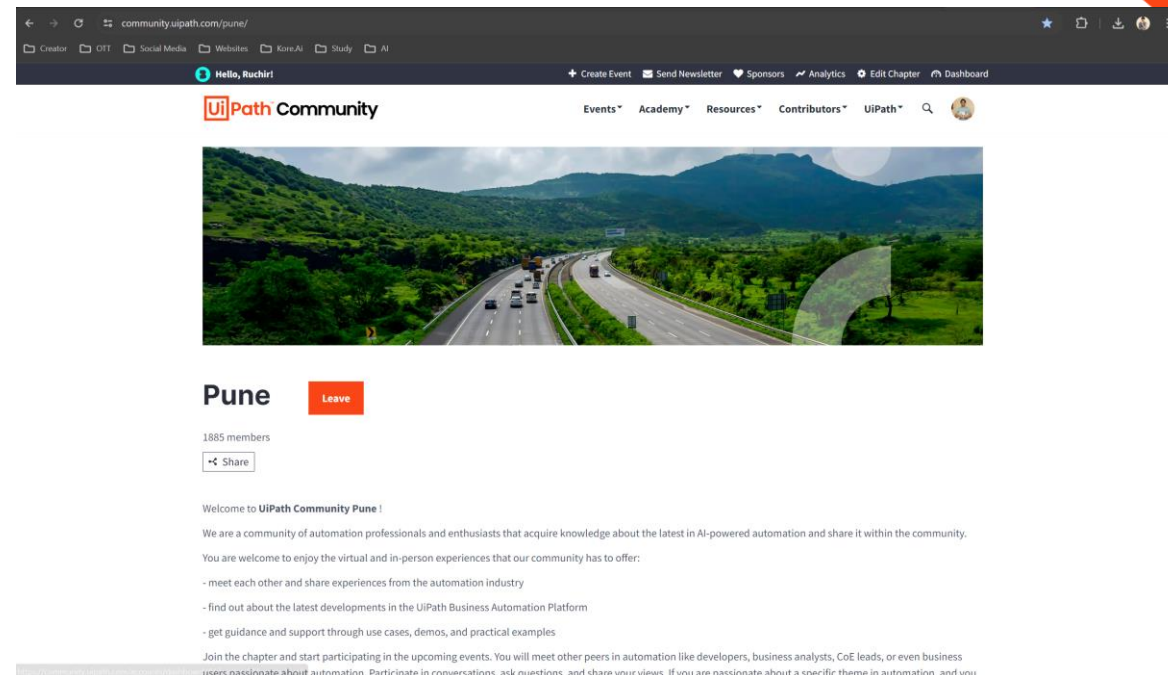


Community Events

- Connect with like-minded people and share best practices with the [UiPath Community](#)
- Solve challenges in engaging [hackathon](#) competitions
- Join meetups and [conferences](#)

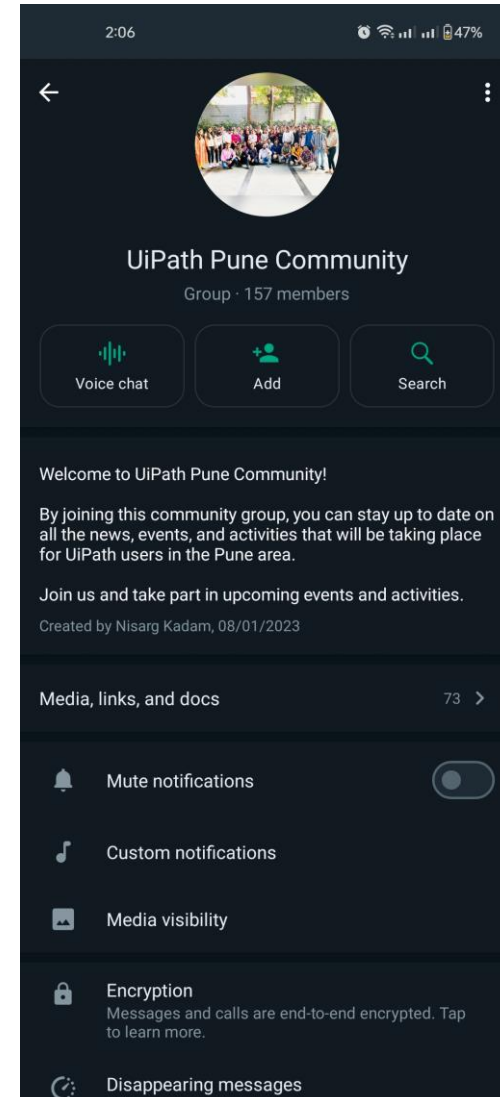
UiPath Pune Community Events Page

Don't waste time. Scan and join the family.



UiPath Pune Official WhatsApp Group

Don't waste time. Scan and join the family.



Thank You

