AiXplain EPA Drinking Water Monitoring Guidance

ChatBot and Email Response System.

The ChatBot for the EPA Guidance and Regulation regarding alternative monitoring, formerly referred to as Permanent Monitoring Relief (PMR), are being issued pursuant to section 1418(b) of the Safe Drinking Water Act. (SDWA)
The AI System, chatbot uses RAG method to extract information from EPA documentation.
There are two methods to obtain information:

1. Try and test - if using AiXpalin platform an agents are created to test and use. Here is a link Agent | Agent. You need to log into AiXplain system with your login credentials.
2. Try and use - Email system, by sending an email to roman.nemet@thedigitalloom.com with subject: AiXPlain Query and in body you type your request directly the system will email back relevant information back to you.

1 – ScreenShots

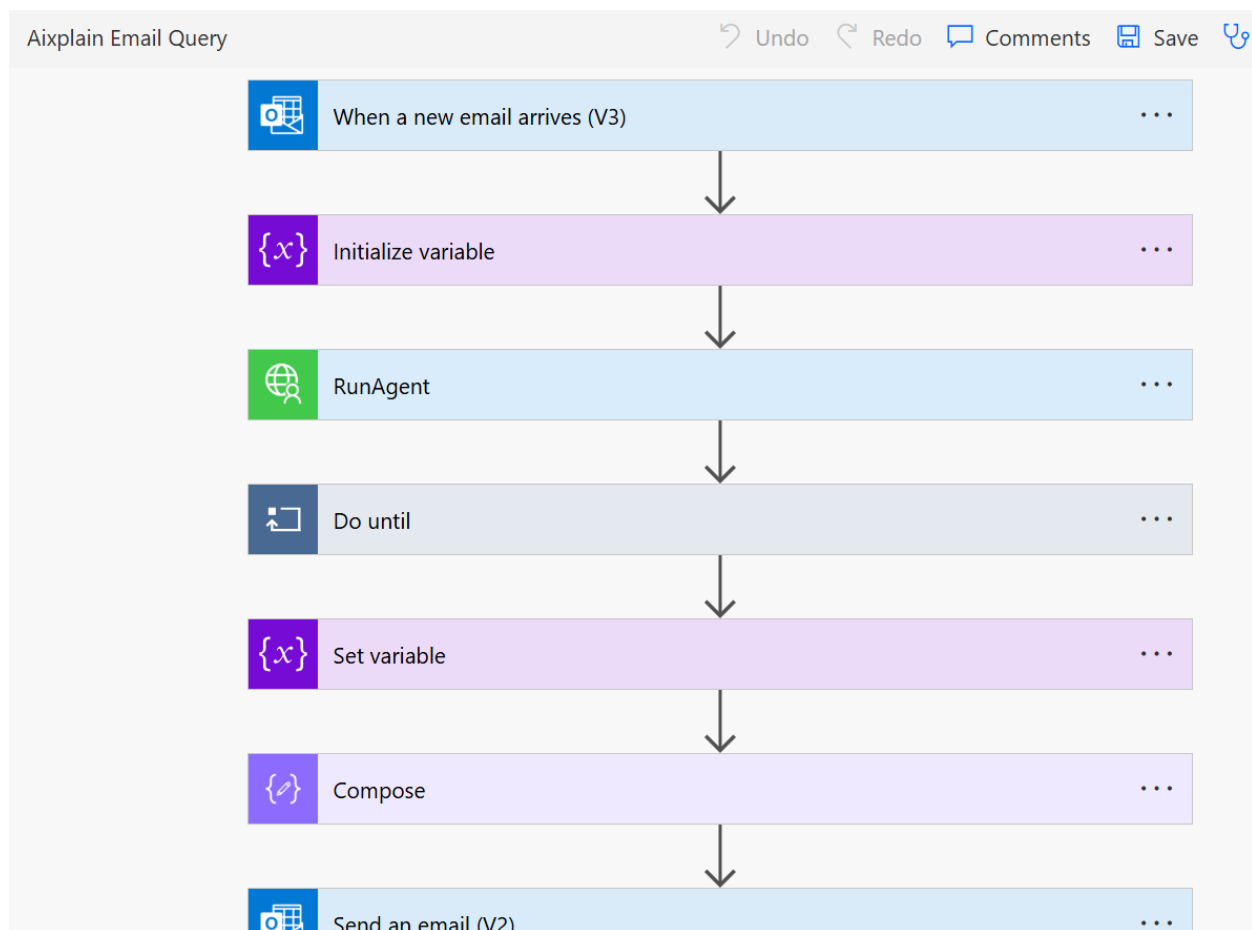2 – this screen shows new email created

email out.pdf

This shows email response using Azure Power Automate workflow

Email response.pdf

Power Automate Workflow Details.

Workflow

Step 1 Trigger Email received in outlook

Step 2 Set Variable "Response" to store Agent response

Step 3 Run Agent

Through Team Agent API Key passing payload to the agent

RunAgent

* agentId

68fbb50d56dba95043015711

query

Body Preview ✕

sessionId

sessionId

Step 4 Wait till response arrives

Do until

completed ✕

is equal to

fx true ✕

Edit in advanced mode

Change limits ∨
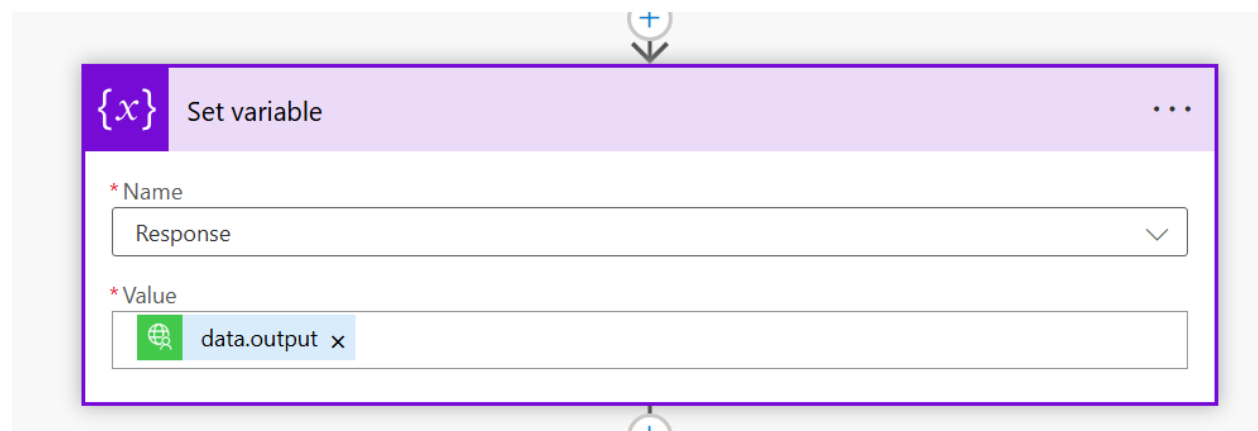
GetAgentResult

* requestId

requestId ✕
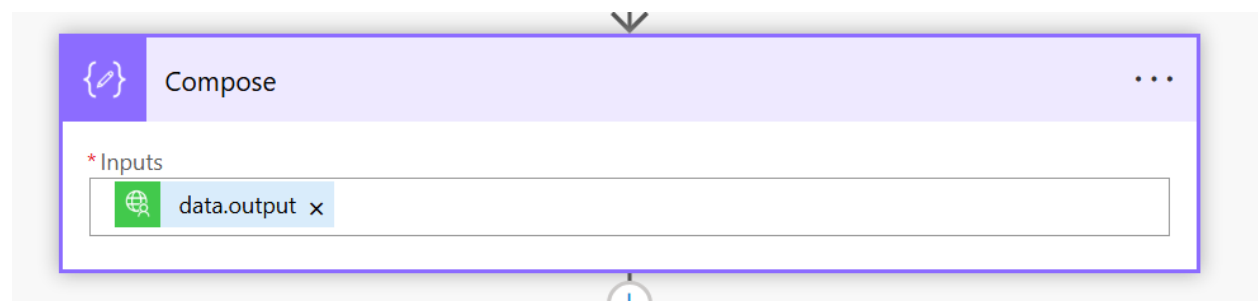
Add an action

Step 5 Set Variable with output from agent

{x} Set variable · · ·

* Name

Response ⌄

* Value

🌐 data.output ✕

Step 6 Prepare for email body response

{✎} Compose · · ·

* Inputs

🌐 data.output ✕

Step 7 Email out

Send an email (V2) ···

* To

📧 From ✕

* Subject

📧 Subject ✕

* Body

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🌐 data.output ✕

Thanks,
Roman

Sensitivity

Sensitivity ⌄

Show advanced options ⌄