

The future of Automation: Orchestrated, Developer-first, Trust-centered

Graham Sheldon

Chief Product Officer, UiPath



95%

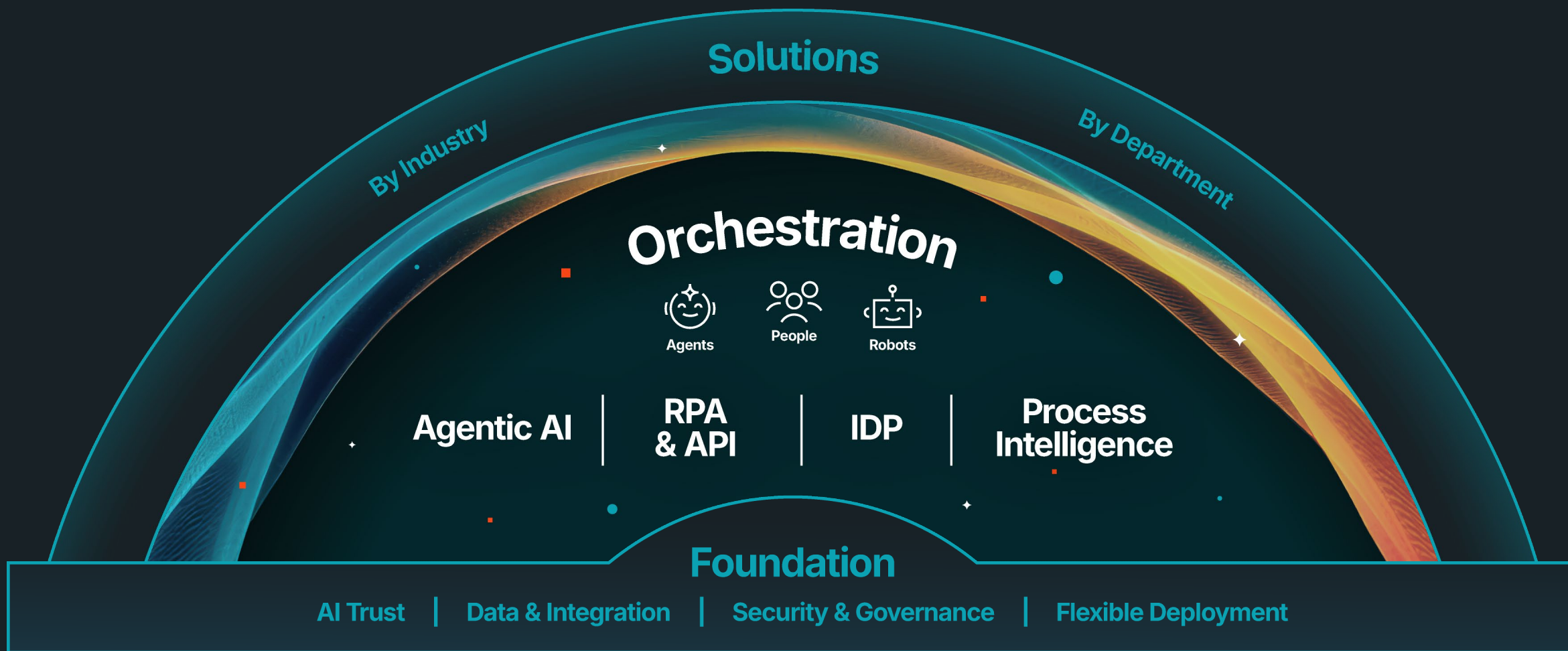
of organizations are not getting return
from GenAI investments

Turn AI into ROI:

High-impact processes.

Orchestrate & iterate.

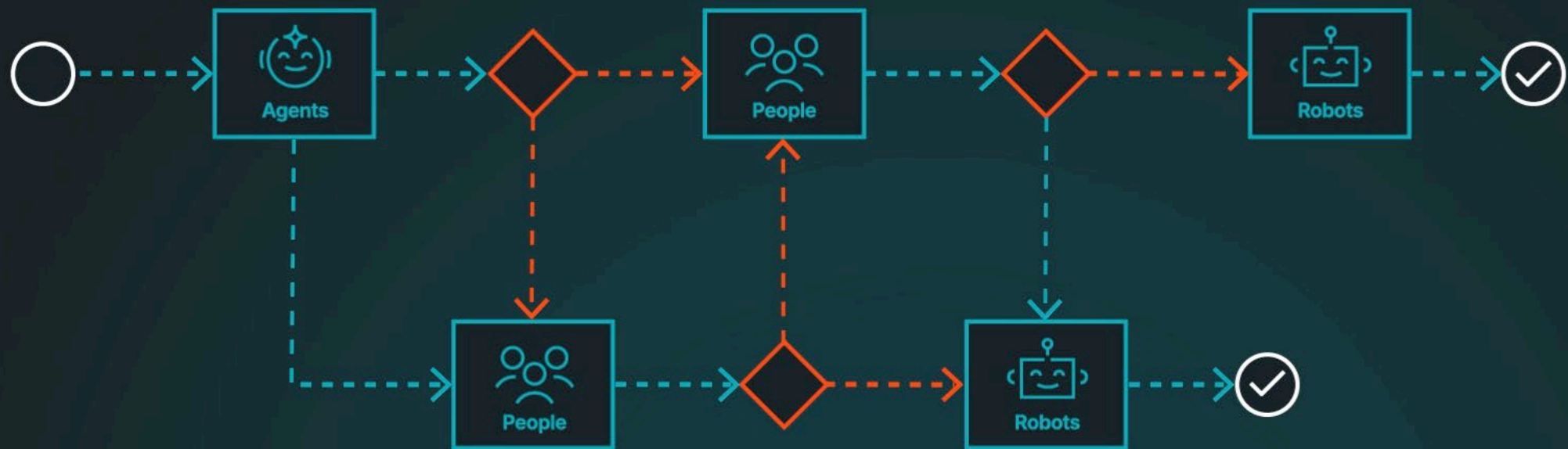
Collaborate for success.

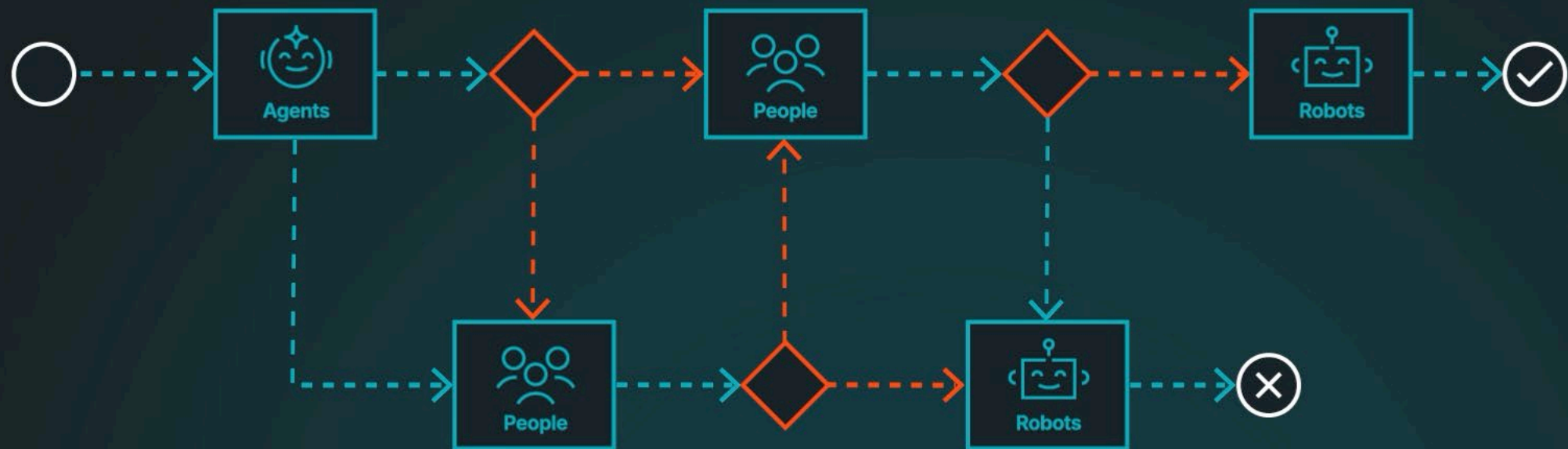


Ecosystem





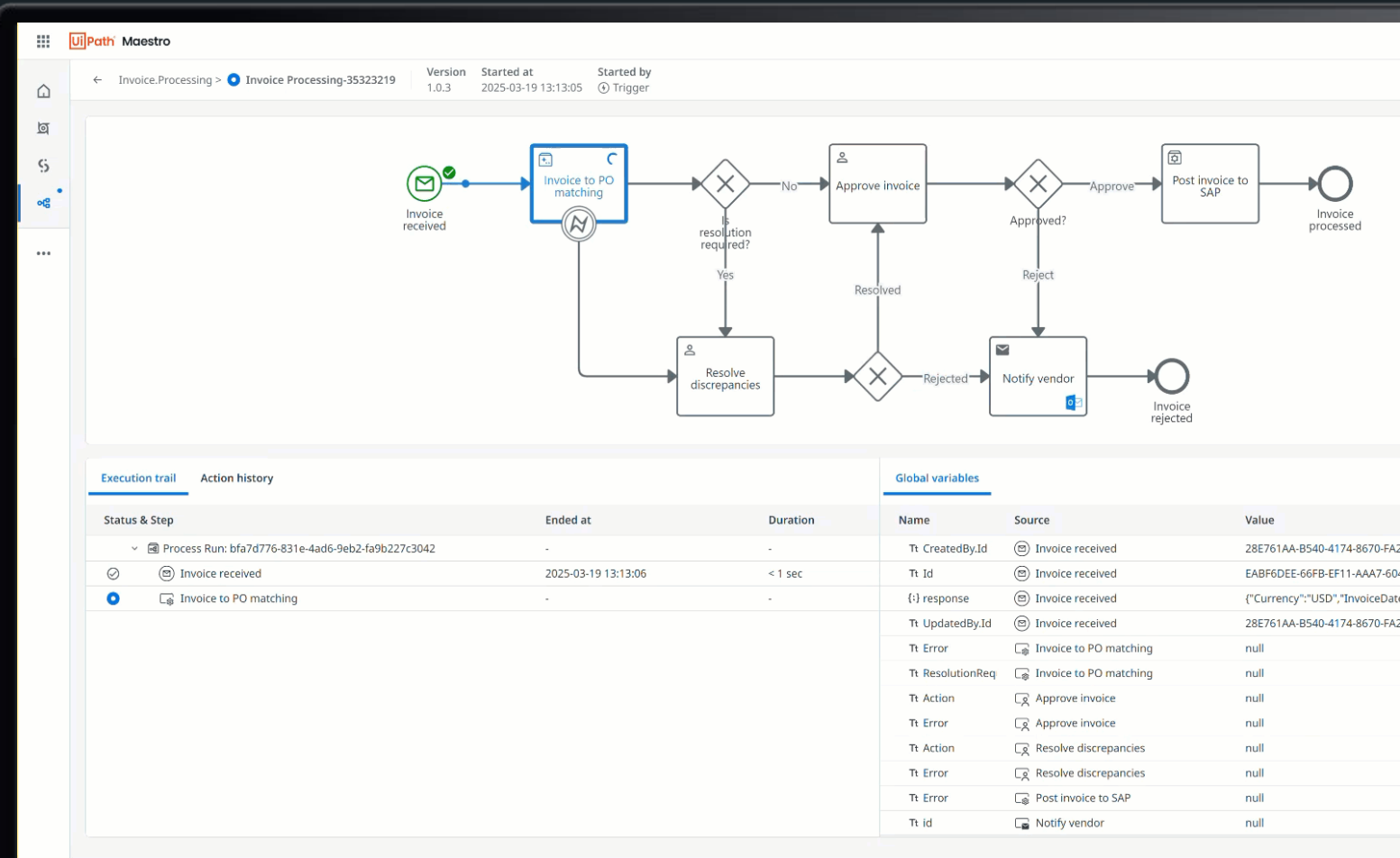
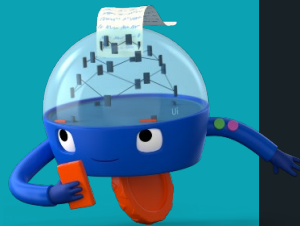




UiPath Maestro™

Orchestrate AI agents, robots, and people to exceed business outcomes.

- Integrate AI agents, automation, and people into end-to-end processes seamlessly
- Scale automation to complex, intelligent processes
- Simplify processes—and the way you manage them

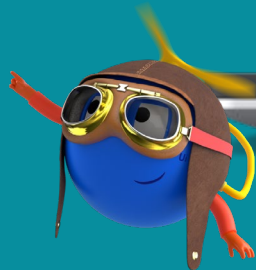


UiPath® Agent Builder

A design and evaluation interface for specialized agents.

A low-code guided experience for automation developers and business users to build, evaluate, and publish agents.

- Create enterprise agents with custom instructions, context, tools, and escalations paths, and evaluations paths all from a single interface
- Customize pre-built agents from our UiPath Agent Catalog



UiPath

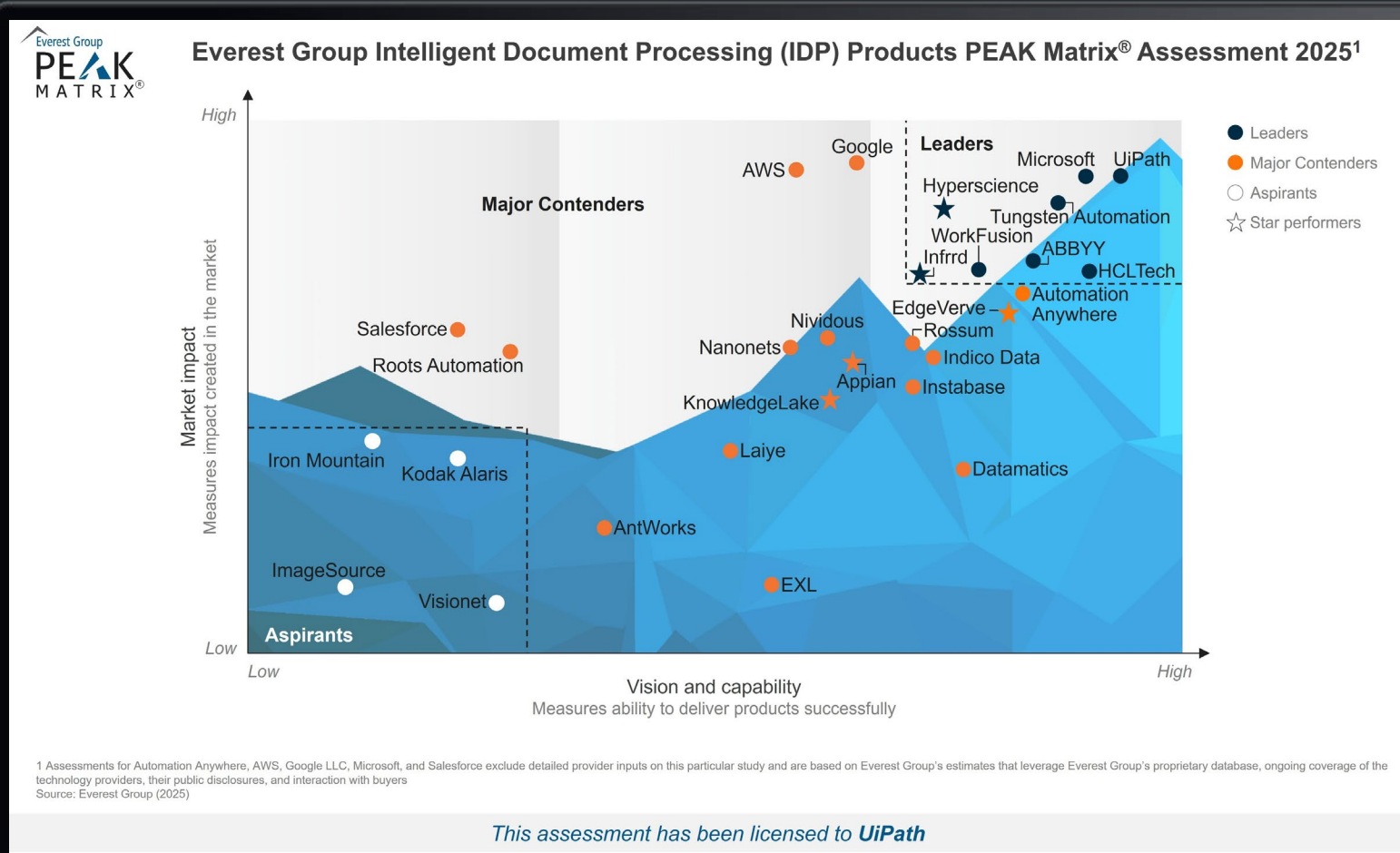
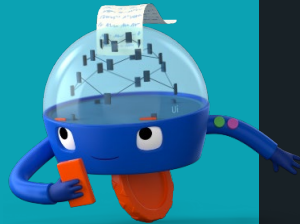
The screenshot displays the UiPath Studio interface for configuring and evaluating an agent named 'Loan Eligibility Analysis Agent.Final'. The interface is divided into several sections:

- Explorer:** Shows the project structure with 'Loan Eligibility Analysis Agent.Final' and its sub-items: 'Definition', 'Evaluation sets', and 'Evaluators'.
- Tools:** A list of tools available to the agent, including 'Get_Employment_History', 'Get_Property_Details', and 'Get_Credit_History'. Each tool has a description of its function.
- Contexts:** A section for adding contexts the agent can query, currently showing 'Loan Policies'.
- Escalations:** A section for adding escalation paths, currently showing 'Escalate to an assigned person before the agent takes an important action.'
- Agent score:** A large gauge showing a score of 73, labeled 'Good', with a note 'Calculated 10 minutes ago'.
- Prompt:** A section showing a score of 80 for the prompt analysis.
- Tools:** A section showing a score of 92 for the tools, contexts, and escalation tools analysis.
- Input Schema:** A section showing a score of 100 for the input schema.
- Evaluation:** A section showing a score of 51 for the evaluation sets, with a note 'See suggestions'.

UiPath IXP

Agentic IDP

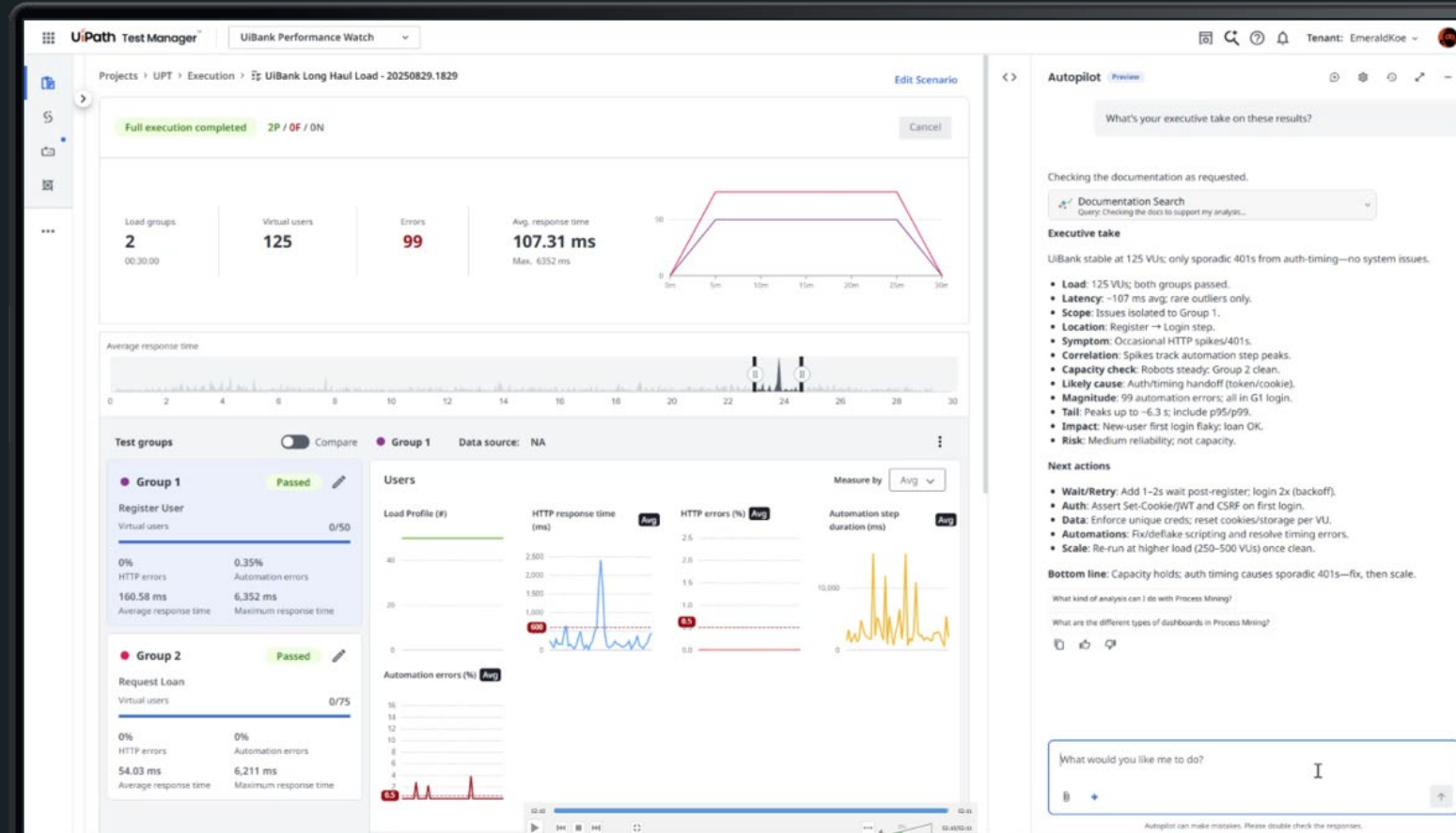
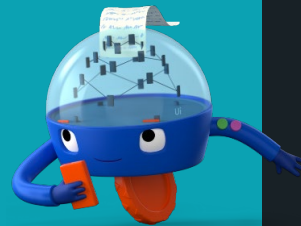
- Autopilot for fast schema creation
- Extraction for long, complex docs
- Automated checks for consistency
- Fine-tunable models that learn
- Template validation for accuracy



UiPath Test Cloud

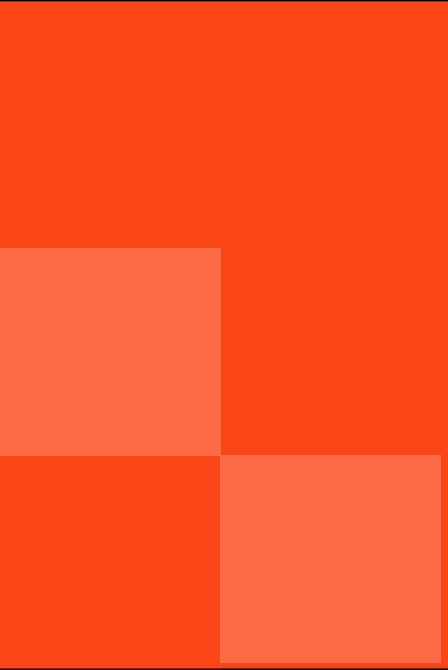
Agentic Testing

- Autopilot test case generation
- Autonomous manual test execution
- AI-powered insights & guidance
- Real-time results dashboards
- Integrated performance testing



Builders at the heart of Agentic Automation.





POCs are simple.



**Reliable, enterprise-
grade agents are not.**

Build with enterprise-grade tooling

- Automations, APIs, IXP, MCP servers, pre-built agents
- BYO LLMs, Enterprise data context
- Human-in-the-loop

Measure every decision and output

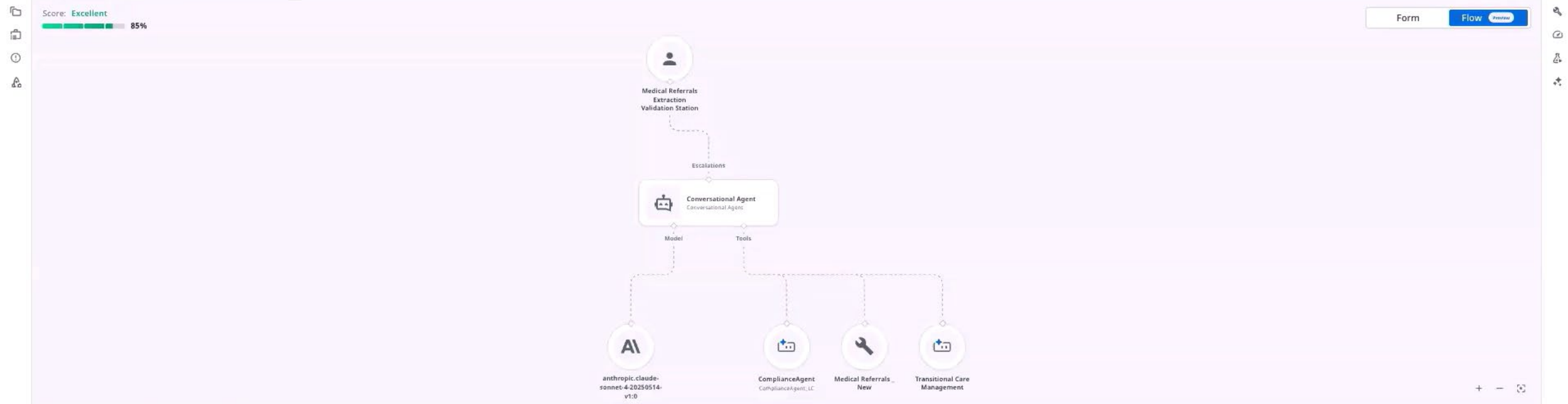
- OTEL traceability
- Simulations & tool mocking
- Low-code & coded evals

Optimize with tailored guidance

- Prompt linting
- Agent score
- Autopilot assistance
- Agent memory
- Reinforcement learning

Monitor and govern at runtime

- Centralized policies
- Guardrails
- Detection for injection, PII, harmful content, hallucinations

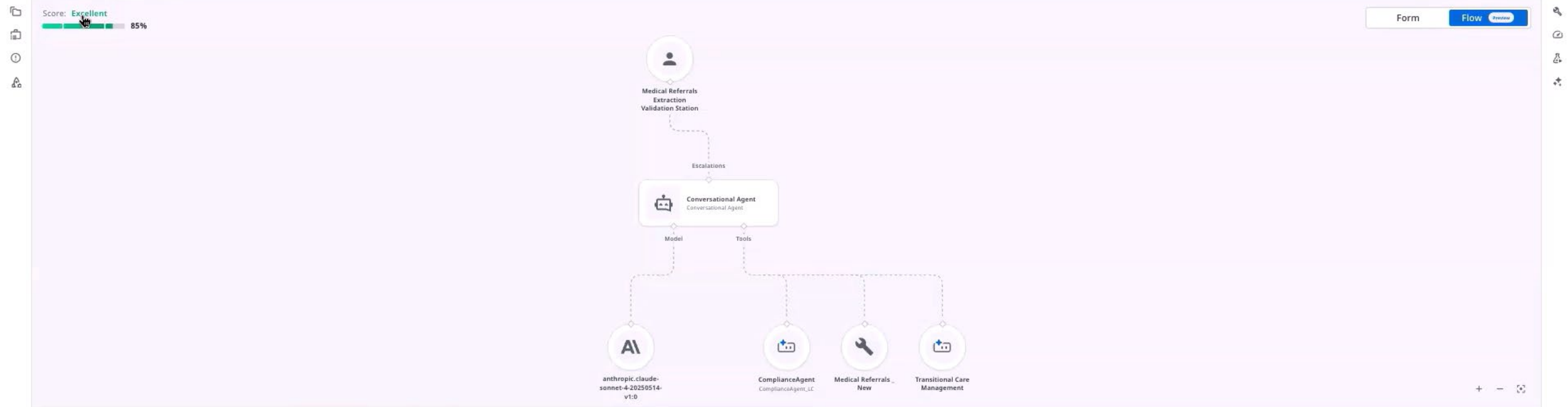


Preview your conversational agent.

Hi, what can you do?

Sample Medical Record.pdf

Generate a transitional care plan for this patient



Preview

Great! I've successfully extracted the medical information from the record. Now let me create a transitional care management plan based on this patient's information:

! Ran 'Transitional Care Management' for 11.28 seconds

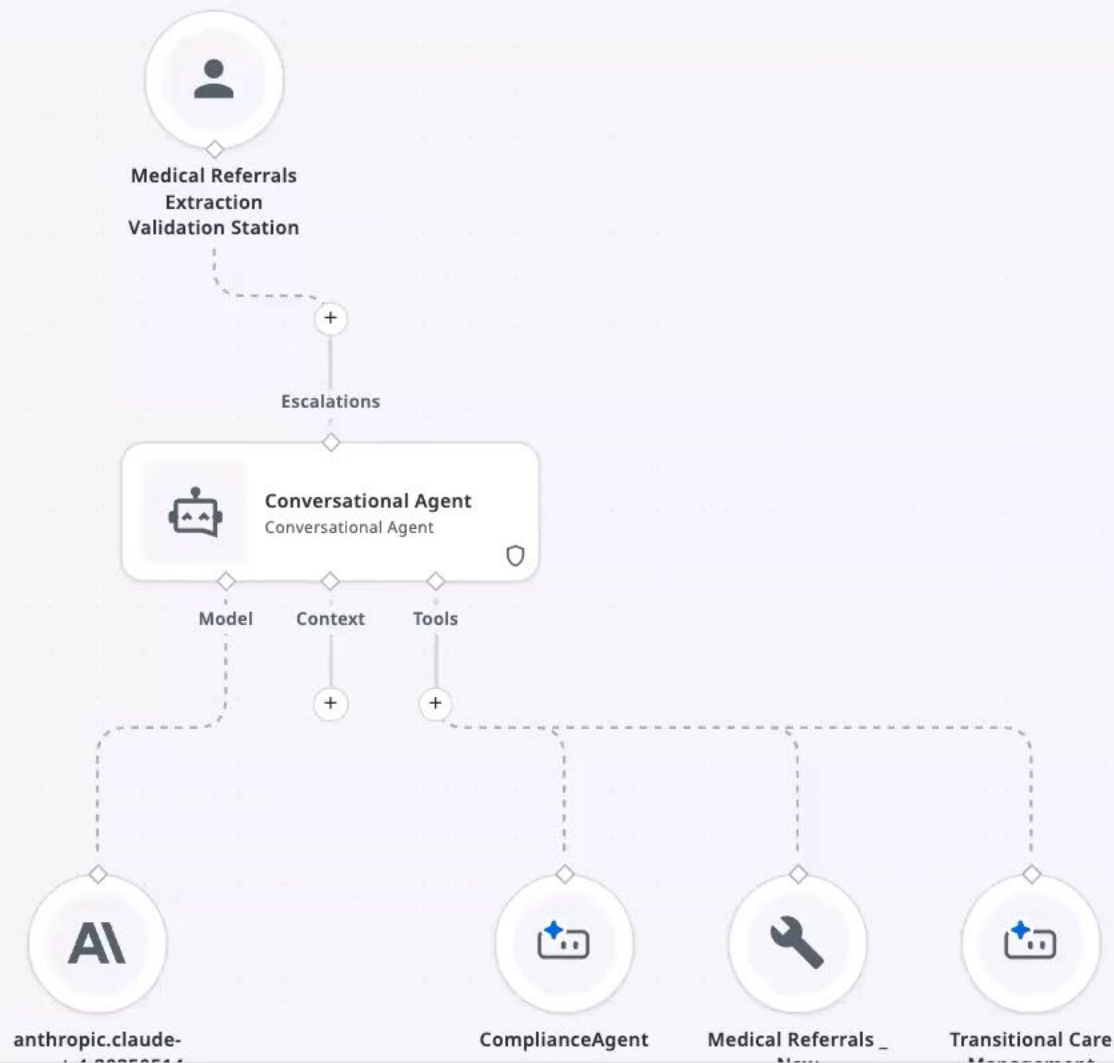
Generating...

Talk with your agent...

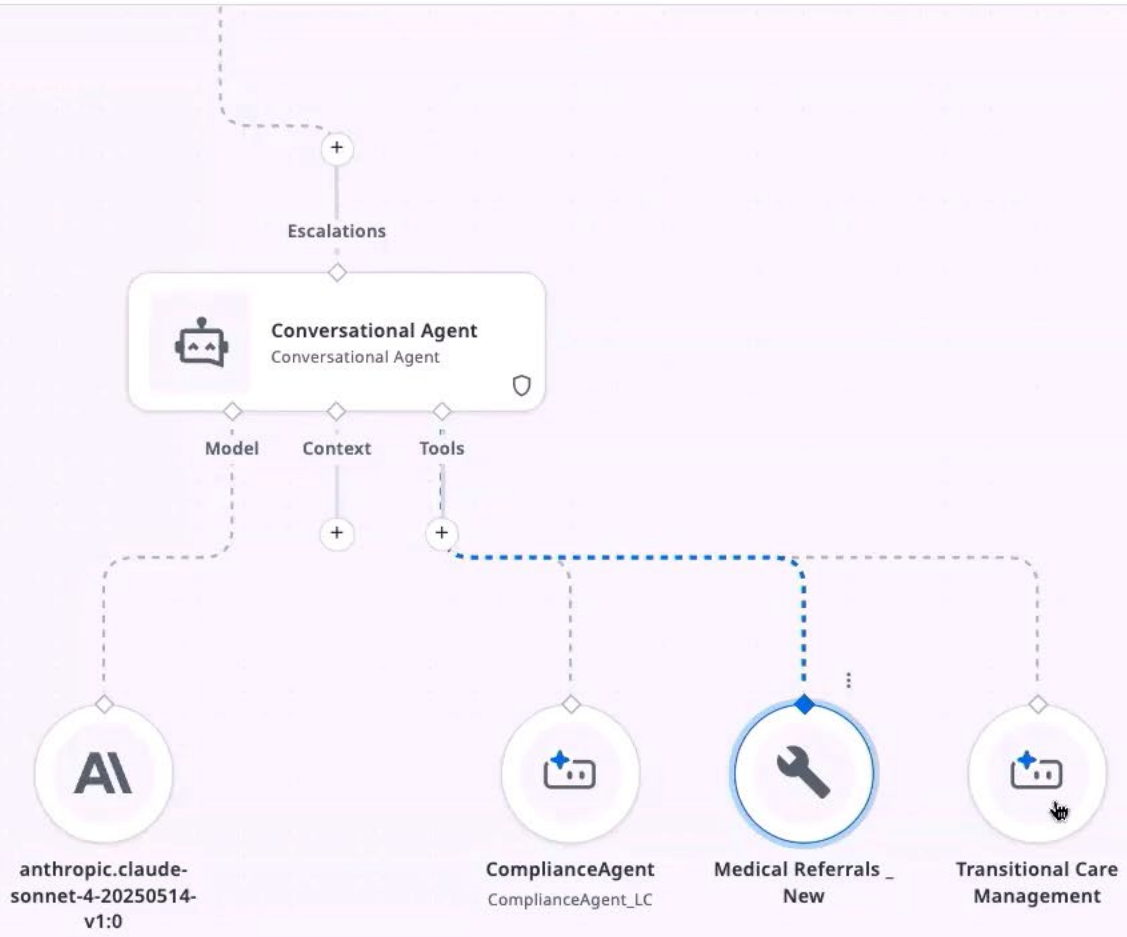
Agents can make mistakes. Please double check the responses.

Score: Excellent 85%

Form Flow



Score: Excellent 85%



Form Flow Review

Medical Referrals _ New

Project Name
Medical Referrals - New

Model
staging

[View taxonomy](#)

Description
Blank description

attachment
File to extract data from. X

Guardrails ⓘ
[Add guardrails](#)

Score: Excellent
85%



Form | Flow | Preview

ComplianceAgent (ComplianceAgent_LC)

Name *

ComplianceAgent

Tool

ComplianceAgent_LC

Description

Click here to add description

action_plan (string)

Click to write a description for the agent

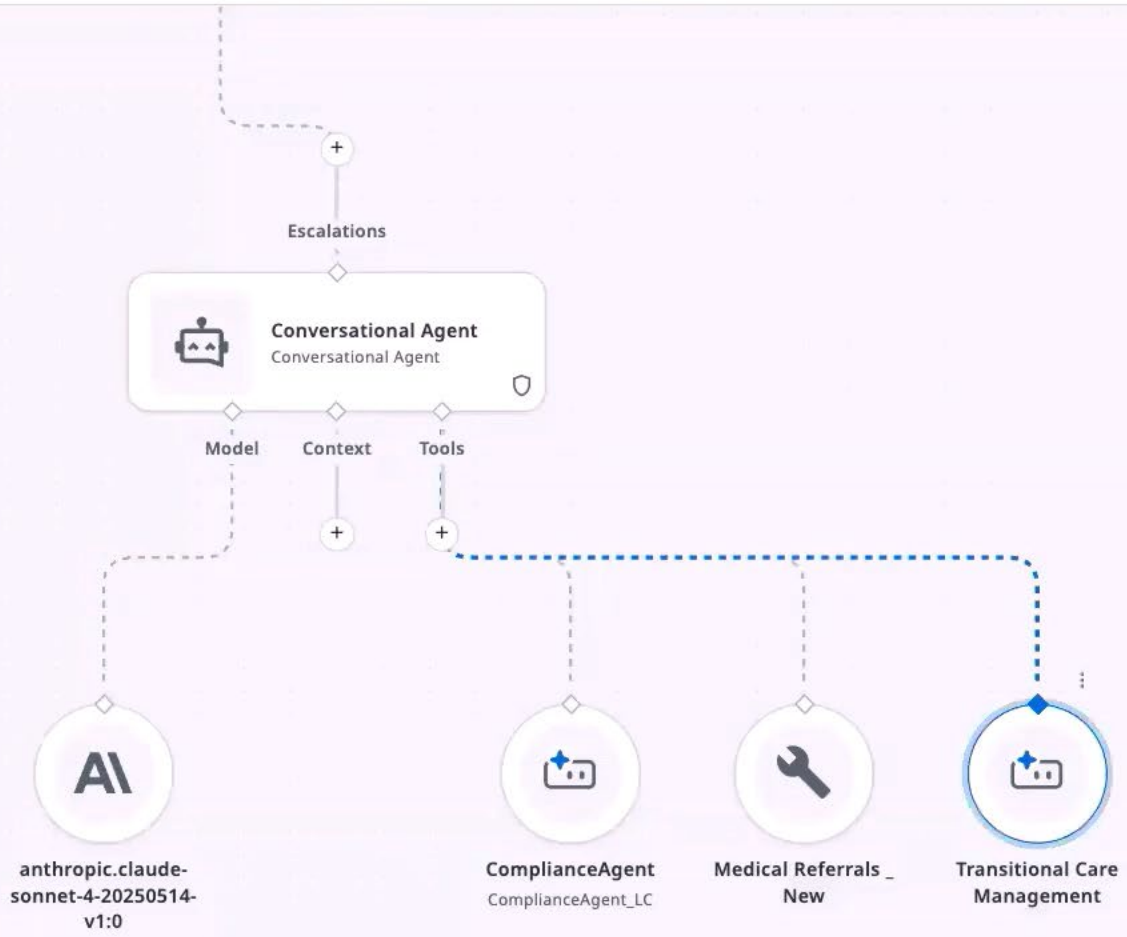
Guardrails ⓘ

Add guardrails

Simulation settings ⓘ

Add example call

Score: Excellent 85%



Form Flow Preview

Transitional Care Management

Name *
Transitional Care Management

Tool
Transitional Care Management

Description
This agent reviews a discharge medical record for a patient, checks eligibility for transitional care management services and creates an action plan

MedicalRecord (string)
Click to write a description for the agent

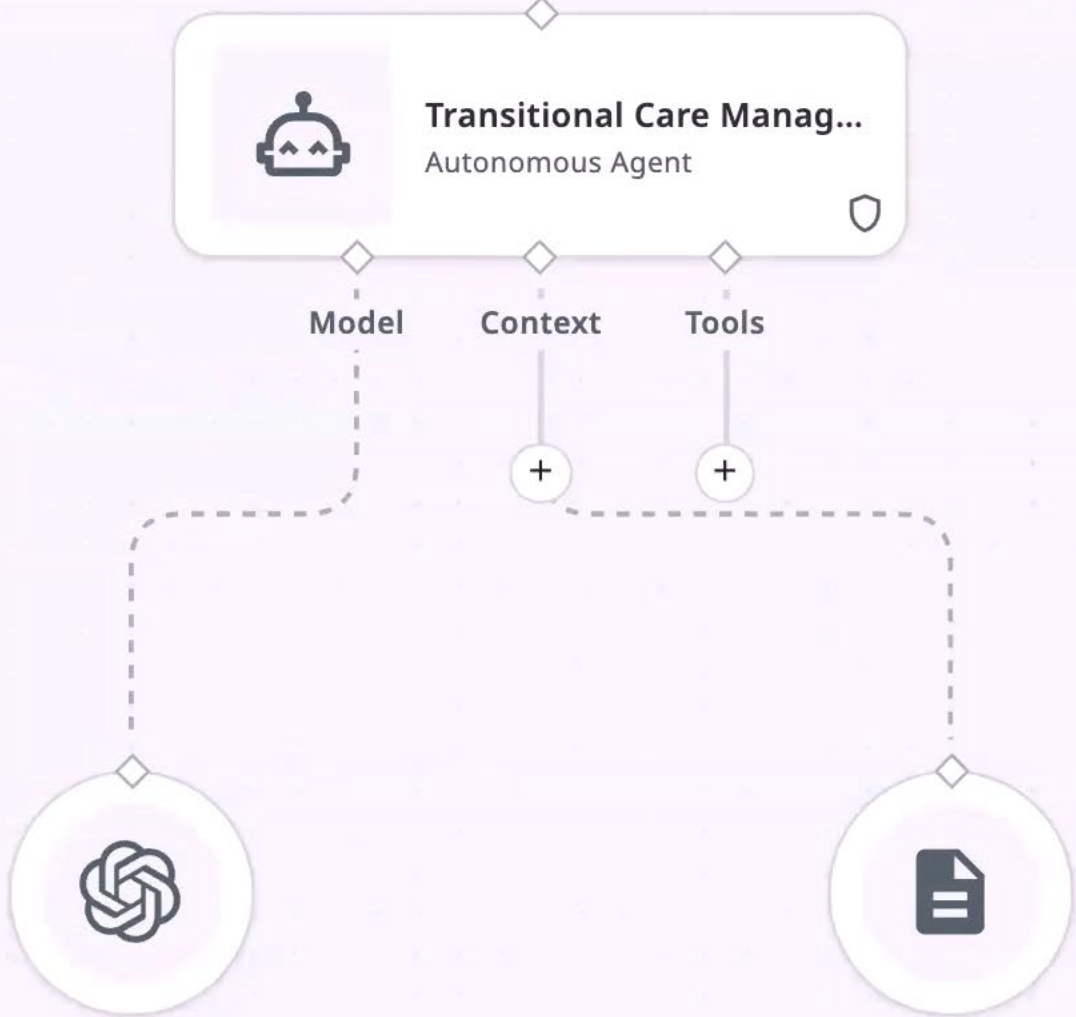
Guardrails ⓘ
Add guardrails

Simulation settings ⓘ
Add example call

- Fusion Workshop Agent Recreated_Lowcode
 - ComplianceAgent_LC
 - Definition
 - Evaluation Sets
 - Evaluators
 - Conversational Agent
 - Definition
 - Evaluation Sets
 - Evaluators
 - Transitional Care Management
 - Definition
 - Evaluation Sets
 - Evaluators

- Apps
- Assets
- Business rules
- Connections
- Context
- Processes
- Queues
- Storage buckets
- Task catalogs

Score: Excellent 94%



Form | Flow | Preview

Fusion Workshop Agent Recreated_Lowcode > Transitional Care Management

Project arguments

➤ Input

0 will simulate (Preview) 1 will execute

Simulate ☐

☒ Show before debugging ⓘ

☒ Show before debugging ⓘ

Save & Debug

TCM Policy 2

← → ↺ 🏠 staging.uipath.com/uipathlabs/studio_/designer/bce4003d-cdd5-48c9-a694-9d8faacf0bd6?solutionId=429eef7e-8ef7-43d8-aeee-848936da5474 🔍 ☆ 🗄️ 🔌 📧 🌐 🛠️ 📁 📄 👤 ⋮

📁 | 📁 UiPath | 📁 LLMs and LLM To... | 📁 Agent Customers | 📁 Other | 📁 All Bookmarks

🏠 **UiPath Studio** | Fusion Workshop Agent Recreated_Lowcode > Transitional Care Management

🗄️ 🔄 ⏏️ ▶️ Debug ▶️ Debug step-by-step 📄 Publish

Tenant: DemoRepository 99+ 🔔 2A

📄 Submit as template ➦ Share

📁 Explorer + 🔍

📄 Fusion Workshop Agent Recreated_Lowcode

📄 ComplianceAgent_LC

- 🔗 Definition
- 🔗 Evaluation Sets
- 🔗 Evaluators

📄 Conversational Agent

- 🔗 Definition
- 🔗 Evaluation Sets
- 🔗 Evaluators

📄 Transitional Care Management

- 🔗 Definition
- 🔗 Evaluation Sets
- 🔗 Evaluators

🛠️ Apps

📁 Assets

📁 Business rules

🔗 Connections

📄 Context

📄 Processes

📄 Queues

📄 Storage buckets

📄 Task catalogs

Score: **Excellent**

94%

🤖

Transitional Care Manag...

Autonomous Agent

Model

Context

🌀

📄

Execution Trail

History 11

Evaluations 33

Execution Trace

📄 Agent run - Transitional Care Manag... agent

- 📄 LLM call gpt-4.1-2025-04-14 3.83s
 - 📄 LLM gpt-4.1-2025-04-14 1.03s
- 📄 Tool call - TCM_Policy_2 5.02s
 - 📄 Pre-execution governance 16ms
 - 📄 TCM Policy 2 3.15s
 - 📄 Post-execution governance 2ms

Agent run - Transitional Care Management

Add to evaluation set

<> 📄 🗨️

Result

Metadata

Feedback

Input

MedicalRecord.MedicalRecord: Medical Record Patient Information: Name: Robert Anderson Date of Birth: 02/18/1955 Medical Record Number: MRN678901 1 Admission Date: 03/18/2025 Discharge Date: 03/25/2025 Discharge Diagnosis: Congestive Heart Failure (CHF) exacerbation, improved Chronic Obstructive Pulmonary Disease (COPD), stable Type 2 Diabetes Mellitus, controlled Hospital Course: Mr. Anderson, a 70-year-old male, was admitted on 03/18/2025 with increased shortness of breath and lower extremity edema. He was diagnosed with CHF exacerbation and treated with IV diuretics and oxygen therapy. His condition improved significantly during the

Assets

Execution Trail

History 11

Evaluations 34

 Evaluation sets
Create and manage your evaluation sets.

Create

3

1. Use a generic query disconnected from the provided medical record to extract the TCM policy from the 'TCM Policy' Context Grounding index.
 - Example of query: "TCM Policy"
2. If any policy documents found at step 1, jump to step 4.
2. If any policy documents are found at step 1, proceed to step 4.
3. Output the fact that the TCM policy is missing and eligibility cannot be determined and jump to step 8.
3. Output the fact that the TCM policy is missing and eligibility cannot be determined, then proceed to step 8.
4. Carefully review the provided discharge MR
4. Carefully review the provided discharge MR, paying special attention to the complexity of medical decision-making as defined in the TCM policy. Explicitly identify criteria for moderate or high complexity, such as the number of diagnoses, the complexity of data analysis, and the risk of adverse outcomes.
5. Based on the policy provided in the 'TCM Policy' Context Grounding index, decide if the patient qualifies for TCM or not. At step 8, output this decision within the 'TcmEligible' field
5. Based on the policy provided in the 'TCM Policy' Context Grounding index, decide if the patient qualifies for TCM or not. At step 8, output this decision within the 'TcmEligible' field.
6. Justify the decision taken at step 5 and provide references for each policy rule participating in the decision
6. Justify the decision taken at step 5, providing references for each policy rule participating in the decision, with a focus on the complexity

☐ Unified diff

Reject

Accept

[View details](#)[View all results](#)

9 evaluations • Last ran: N/A

9 evaluations • Last ran: N/A

Optimize

Run

Explorer

Fusion Workshop Agent Recreated_Lowcode

ComplianceAgent_LC

Definition

Evaluation Sets

Evaluators

Conversational Agent

Definition

Evaluation Sets

Evaluators

Transitional Care Management

Definition

Evaluation Sets

Evaluators

Apps

Assets

Business rules

Connections

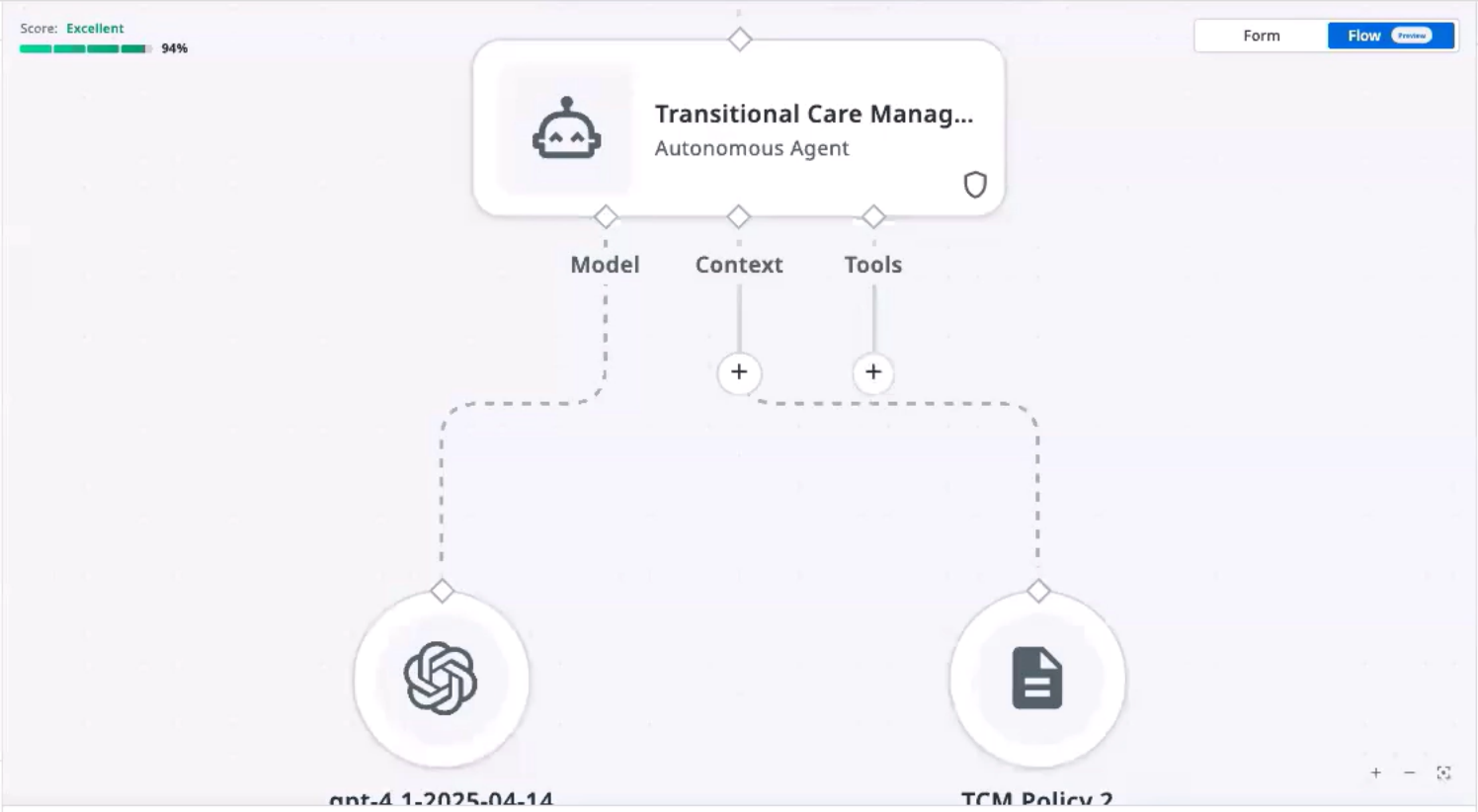
Context

Processes

Queues

Storage buckets

Task catalogs



Execution Trail History 11 Evaluations 34

Traces	Execution Trace
Trace 11 Debug just now	Agent run - Transitional Care Management 20.96s - LLM call gpt-4.1-2025-04-14 3.83s - LLM gpt-4.1-2025-04-14 1.03s - Tool call - TCM_Policy_2 5.02s - Pre-execution governance 16ms - TCM Policy 2 3.15s - Post-execution governance 2ms
Trace 10 Debug 12 minutes ago	
Trace 9 Debug 26 minutes ago	
Trace 8 Debug 35 minutes ago	
Trace 7 Debug 1 day ago	

Agent run - Transiti...

Add to evaluation set

Result Metadata Feedback

Input

MedicalRecord.MedicalRecord: Medical Record Patient Information: Name: Robert Anderson Date of Birth: 02/18/1955 Medical Record Number: MRN678901

Agent score Preview Recalculate

94 Excellent

Calculated 2 days ago

Weighted score calculation

The final score is calculated using a weighted average of four components. Each component has its own score and contributes a specific percentage to the final result:

• Prompt (30%) • Tools (20%) • Input Schema (10%) • Evaluations (40%)

Component	Weight	×	Score	=	Contribution
Prompt	30%	×	100.0	=	30.0
Tools	20%	×	85.0	=	17.0
Input Schema	10%	×	82.5	=	8.3
Evaluations	40%	×	96.6	=	38.6
Total Score					93.9

Penalize missing or irrelevant placeholders

Evaluations >

Datasets relevance for evaluating agent's performance. Focused on number of samples, task alignment, dataset diversity and associated traces' diversity.

97

Learn what impacts your agent's score and how to improve it.

Start a guided walkthrough or read our documentation

Score: **Excellent** 94%

Transitional Care Manag...
Autonomous Agent

Model Context Tools

gpt-4o 1-2025-04-14

TCM Policy 2

Agent score

Preview

Recalculate

94

Excellent

Calculated 2 days ago

Prompt >

Prompt analysis, focused on clarity, completeness, consistency, chain of thought and demos.

100

Tools >

Tools, contexts and escalation tools analysis, focused on documentation, completeness and alignment to agent's task.

85

Input Schema >

Penalize missing or irrelevant placeholders

83

Evaluations >

Datasets relevance for evaluating agent's performance. Focused on number of samples, task alignment, dataset diversity and associated traces' diversity.

97

Execution Trail

History 11

Evaluations 34

Traces

Trace 11	Debug	just now
Trace 10	Debug	12 minutes ago
Trace 9	Debug	26 minutes ago
Trace 8	Debug	35 minutes ago
Trace 7	Debug	1 day ago

Execution Trace

Agent run - Transitional Care Management

LLM call gpt-4.1-2025-04-14

LLM gpt-4.1-2025-04-14

Tool call - TCM_Policy_2

Pre-execution governance

TCM Policy 2

Post-execution governance

Agent run - Transiti...

Add to evaluation set

Result

Metadata

Feedback

Input

MedicalRecord.MedicalRecord:

Medical Record

Patient Information:

Name: Robert

Anderson Date of Birth: 02/18/1955

Medical Record Number: MRN678901

One modern,
extensible Canvas for
all automation work.



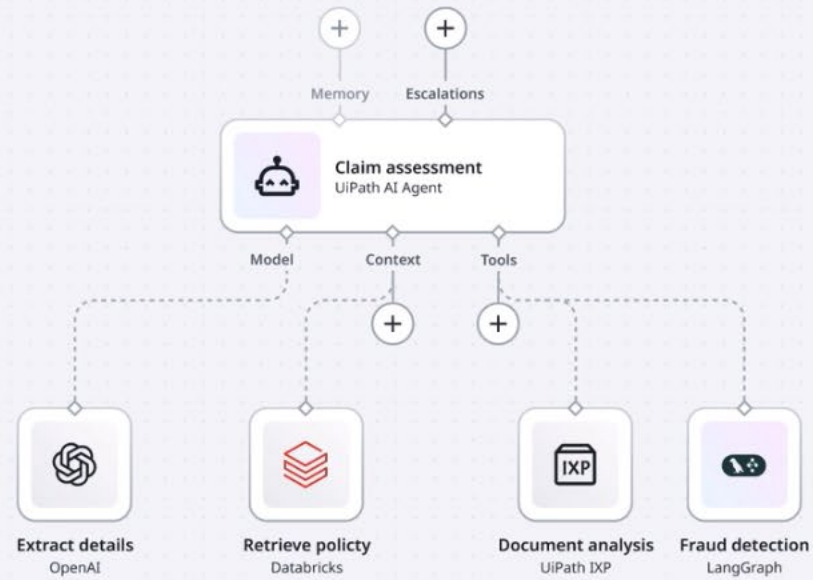


Add trigger





Form Canvas



Evaluations



Default evaluation set

31 evaluations
Last ran 2 hours ago with 5 evaluations

Default Evaluator
97.50% ↑ 5.2%



Default simulation evaluation set

7 evaluations
Last ran 1 hours ago with 7 evaluations

Default Simulation Evaluator
98% ↑ 2.7%

Default Trajectory Evaluator
97.5% ↑ 3.5%

Default Evaluator
79.17% ↑ 2.83%



Errors set

1 evaluation
Last ran N/A





Join the preview.
Influence the vision.



Trust is foundational to
everything we build.



AI brings new risk vectors.

Data leakage
Prompt injection
Runaway costs
Uncontrolled agency



AGENTIC

Defense in depth.

One console, total control

Guardrails for every agent

Real-time enforcement, continuous improvement



AGENTIC

Early access to the future of automation.

Enterprise Knowledge Graph

Graph-powered agents for complex enterprise databases.

Agent Sandbox

Build any agent with an agent.

Project Delegate

Transform daily chores into background executions.

UiPath Labs Enterprise Knowledge Graph | Ecommerce

Feedback

Learn about Knowledge graph

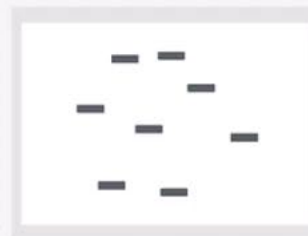
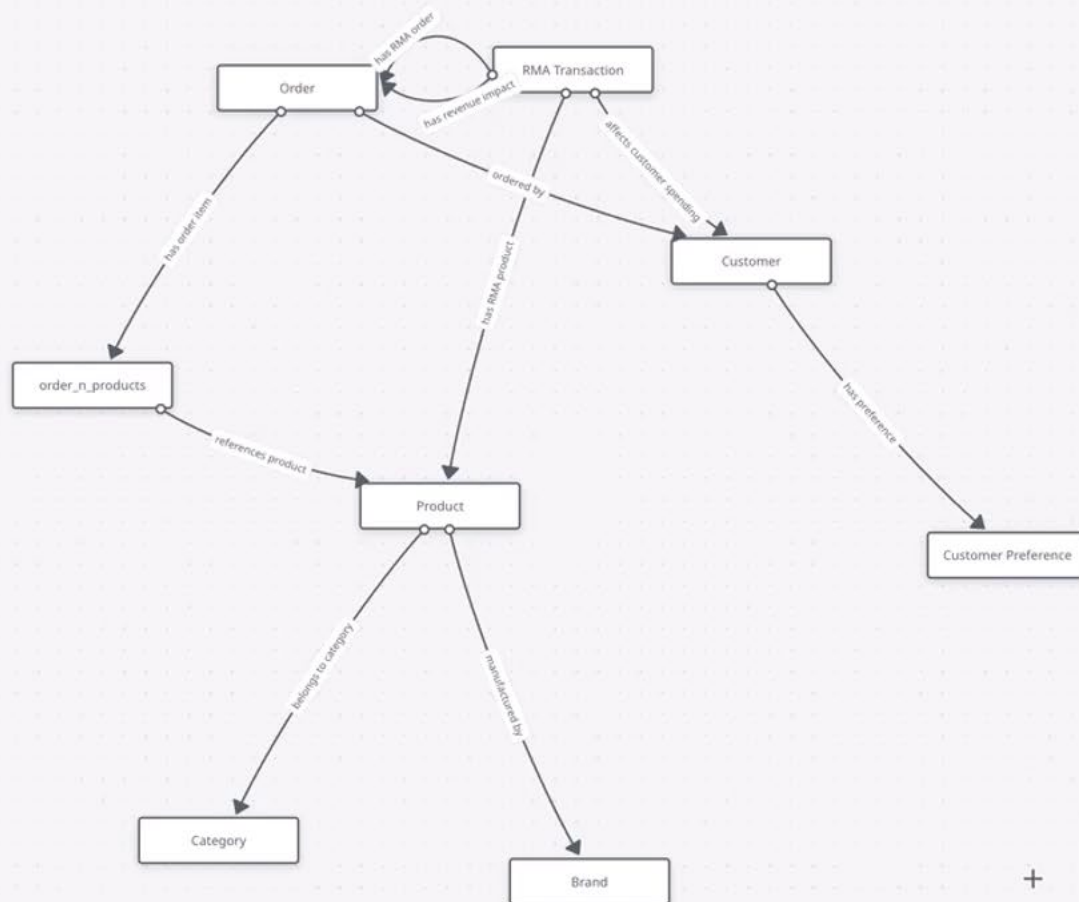
Sign Out

Download Knowledge Graph

Organize Graph

Agent

No conversation yet. Try a sample question below!



Top 5 products by units sold

Net revenue by manufacturer

Top 5 categories by net revenue

Ask a question about your data...

Send

Explore what's next.
Guide our roadmap.

LABS.UIPATH.COM



Wherever you do your best work, we'll meet you there.



LangGraph



LlamaIndex

crewai



Model Context Protocol

Let's build
the future of
automation
together.

THANK
YOU.