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

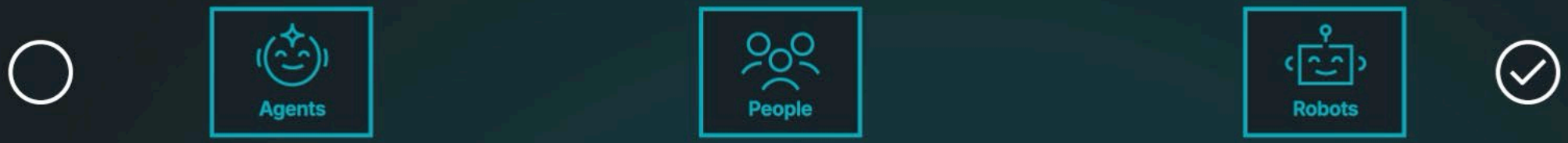
Source: MIT Report - The GenAI Divide: State of AI in Business 2025

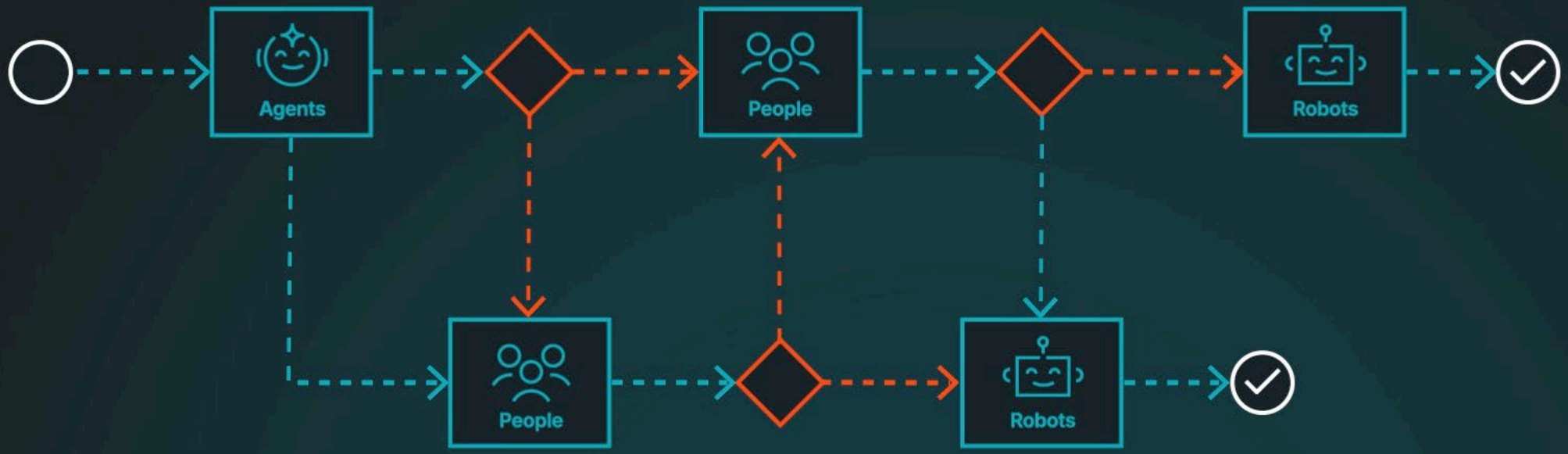
TURN AI INTO ROI:

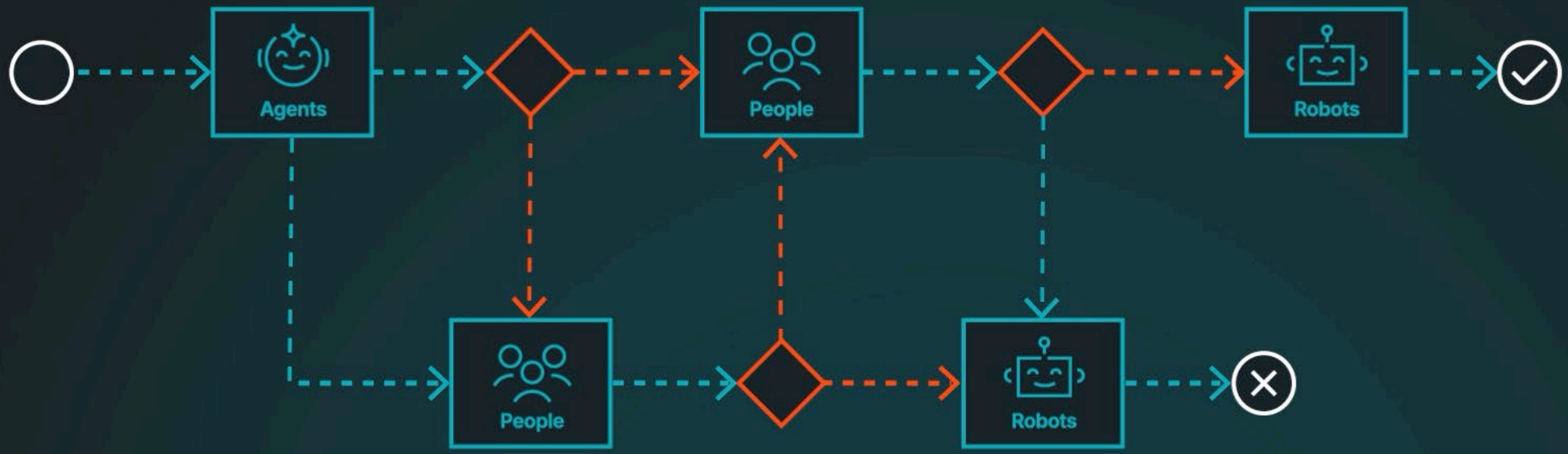
High-impact processes.
Orchestrate & iterate.
Collaborate for success.


Solutions
By Industry
By Department
Orchestration
Agents
People
Robots
Agentic AI
RPA & API
IDP
Process Intelligence
Foundation
AI Trust
Data & Integration
Security & Governance
Flexible Deployment

Ecosystem


Agents
People
Robots

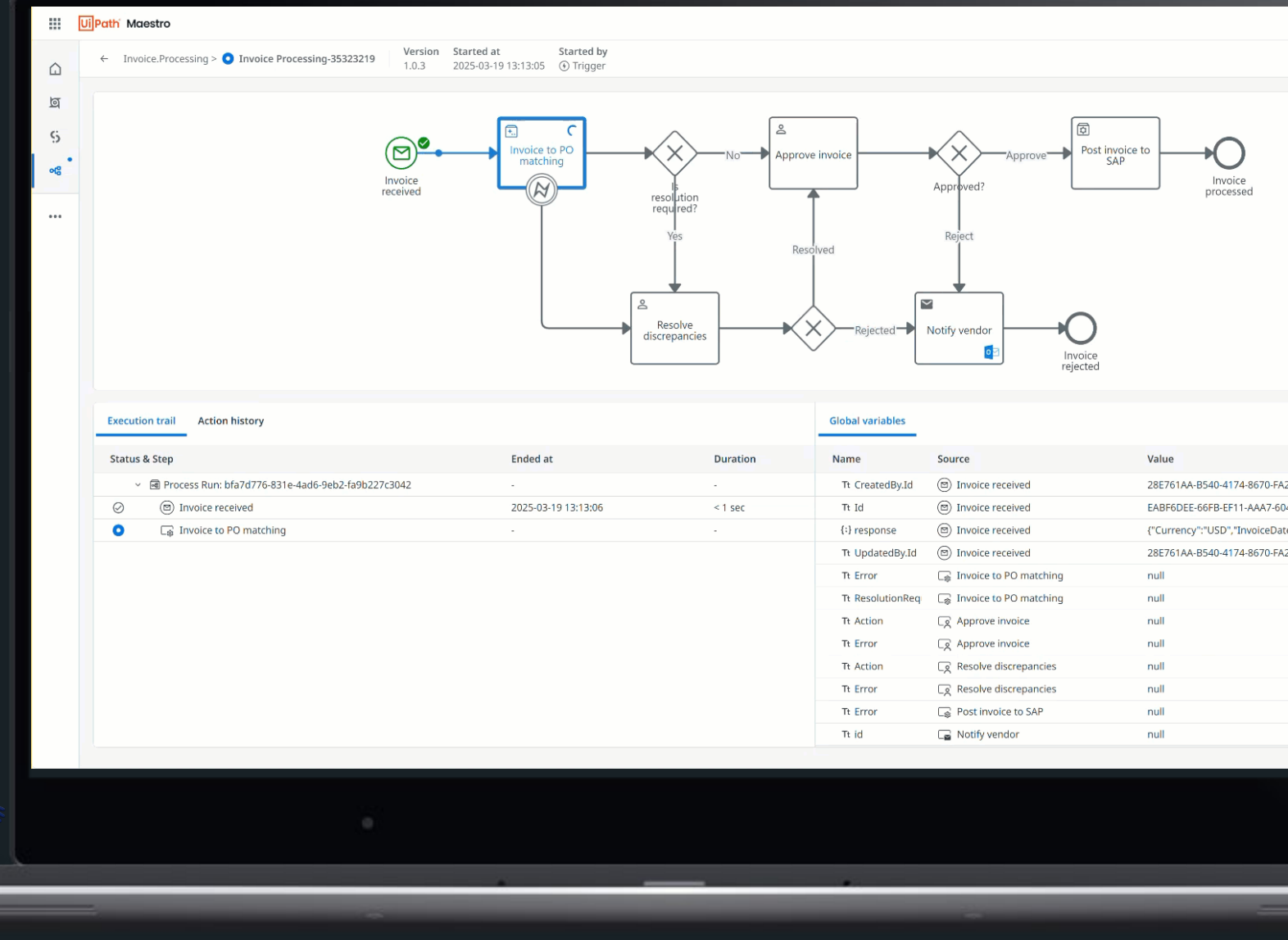

Agents
People
People
Robots
People
Robots


Agents
People
Robots
People
Robots

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

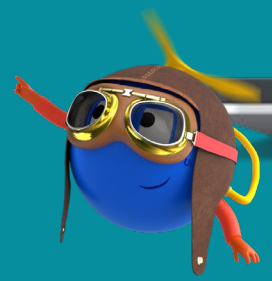


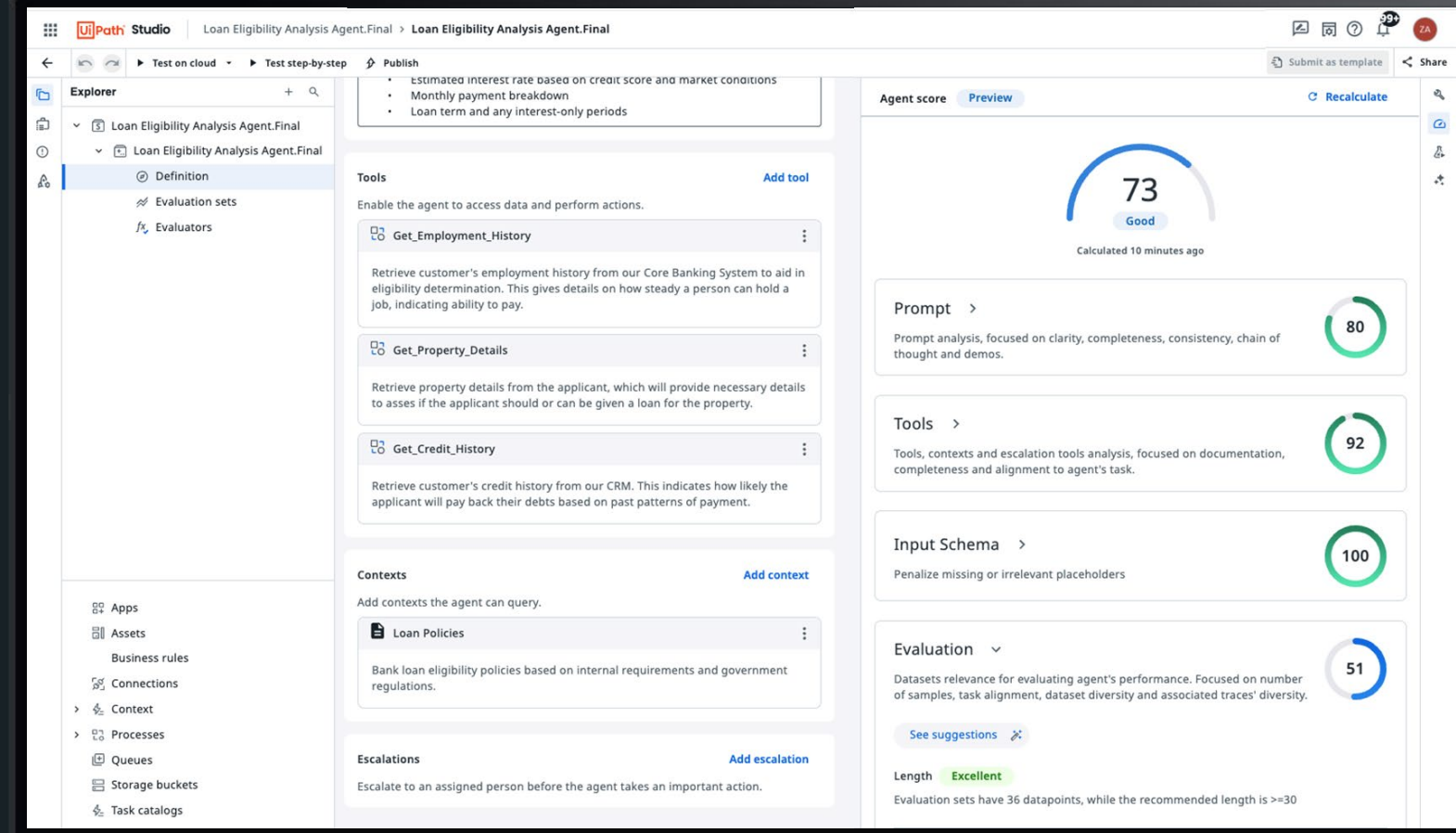
UiPath® Agent Builder

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



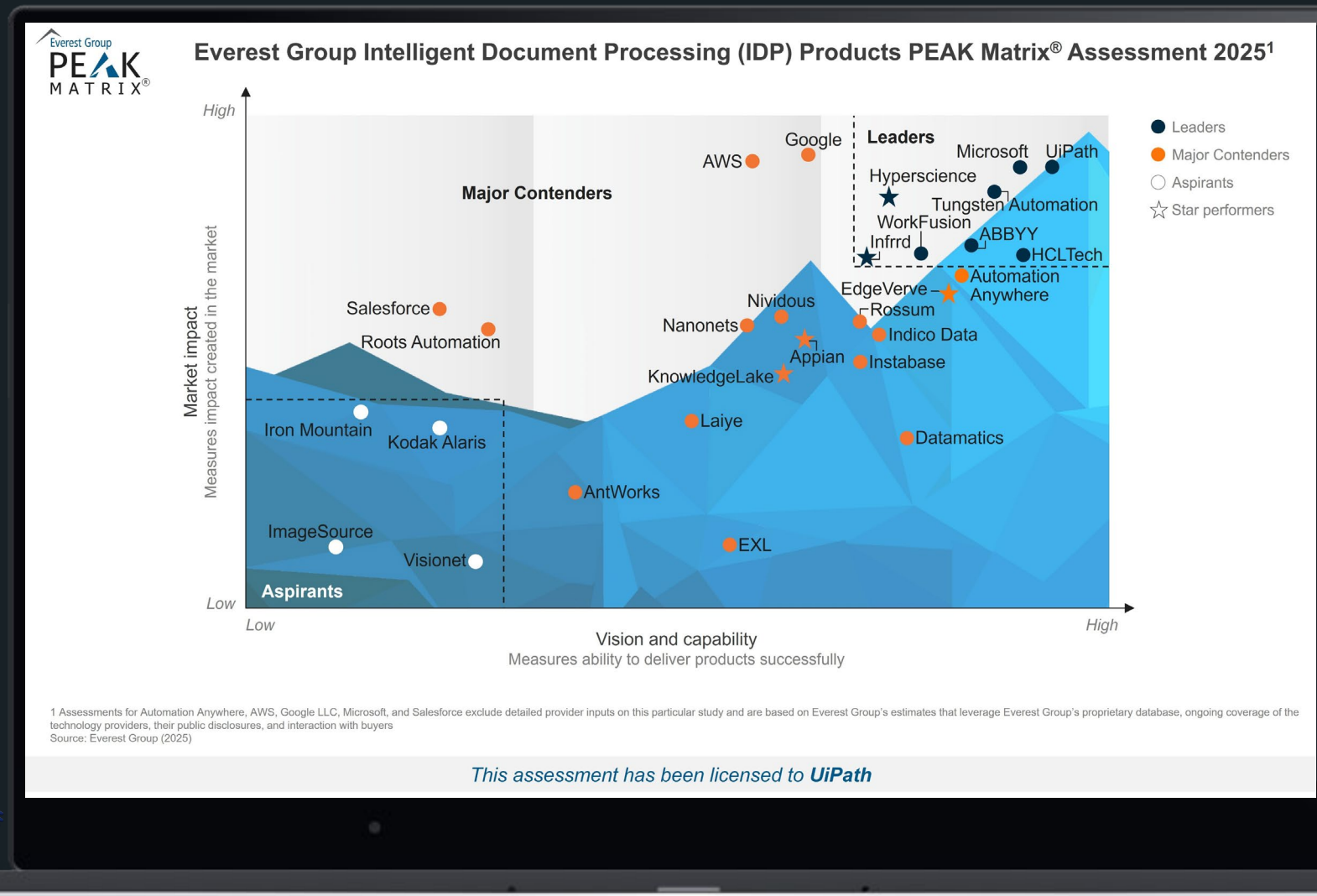


UiPath IXP

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



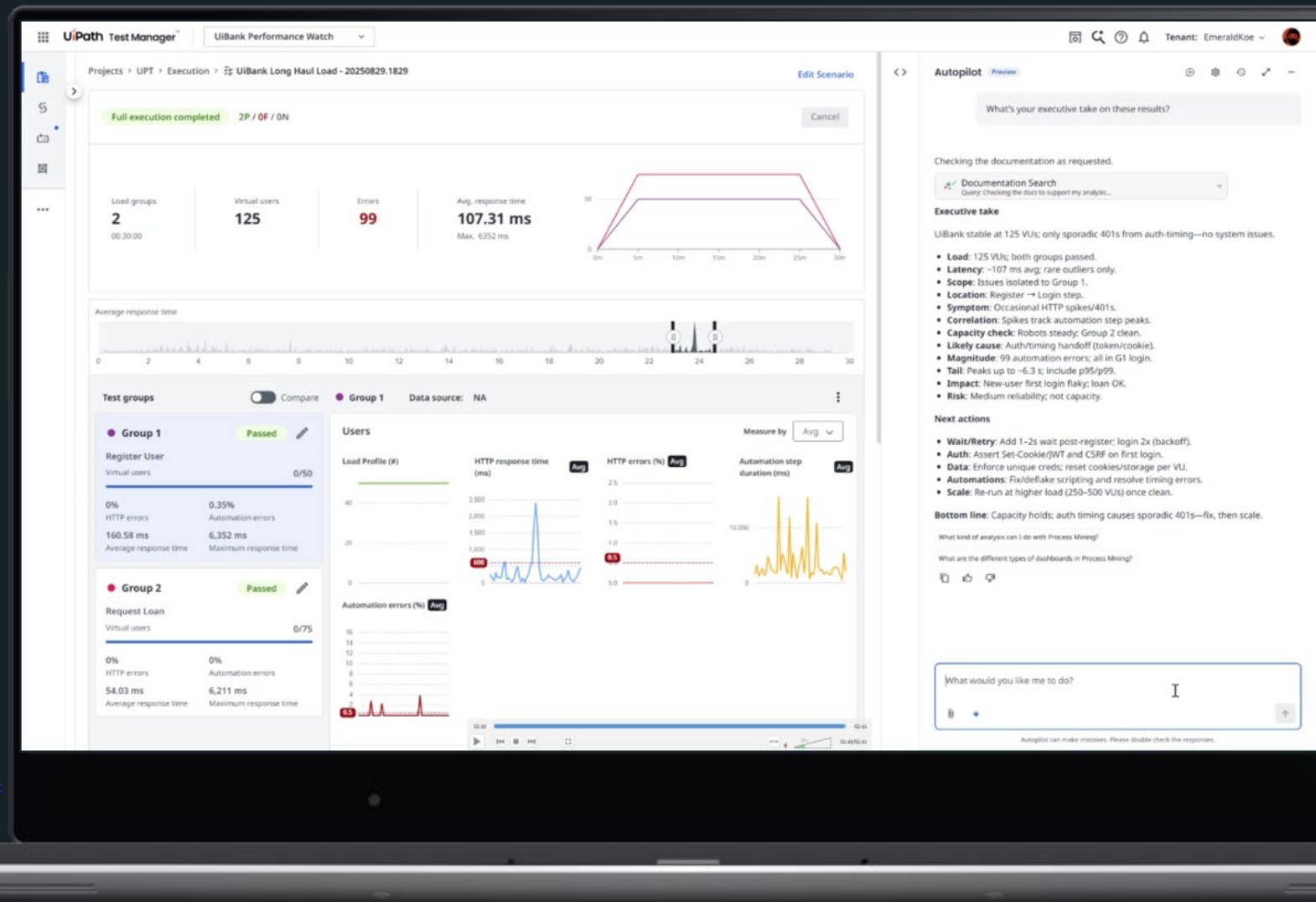


UiPath Test Cloud

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

staging.uipath.com/uipathlabs/studio_/designer/971e5c1f-588a-4860-8948-b6eaaeec6223?solutionId=429eef7e-8ef7-43d8-aeee-848936da5474

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

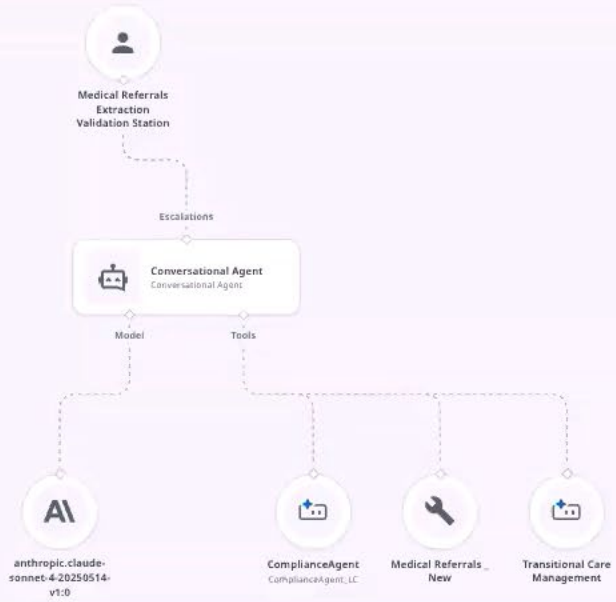
UiPath Studio | Fusion Workshop Agent Recreated_Lowcode > Conversational Agent

Tenant: DemoRepository

Stop | Continue | Next step | Submit as template | Share

Score: Excellent 85%

Form | Flow Preview



Chat | History 53 | Evaluations 19

Preview

Add to evaluation set

Preview your conversational agent.

Hi, what can you do?

Sample Medical Record.pdf

Generate a transitional care plan for this patient

Agents can make mistakes. Please double check the responses.

staging.uipath.com/uipathlabs/studio_/designer/971e5c1f-588a-4860-8948-b6eaaeec6223?solutionId=429eef7e-8ef7-43d8-aeee-848936da5474

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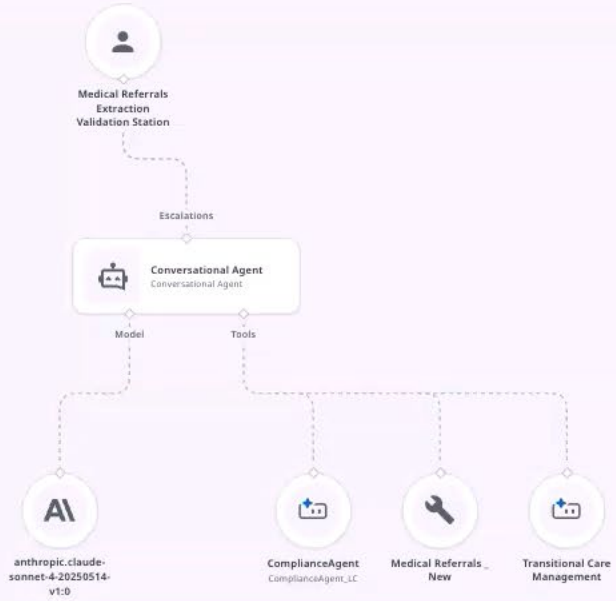
UiPath Studio | Fusion Workshop Agent Recreated_Lowcode > Conversational Agent

99+ Tenant: DemoRepository ZA

Stop | Continue | Next step | Submit as template | Share

Score: Excellent 85%

Form | Flow Preview



Chat | History 53 | Evaluations 19

Preview

Add to evaluation set

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.

staging.uipath.com/uipathlabs/studio_/designer/971e5c1f-588a-4860-8948-b6eaaeec6223?solutionId=429eef7e-8ef7-43d8-aeee-848936da5474

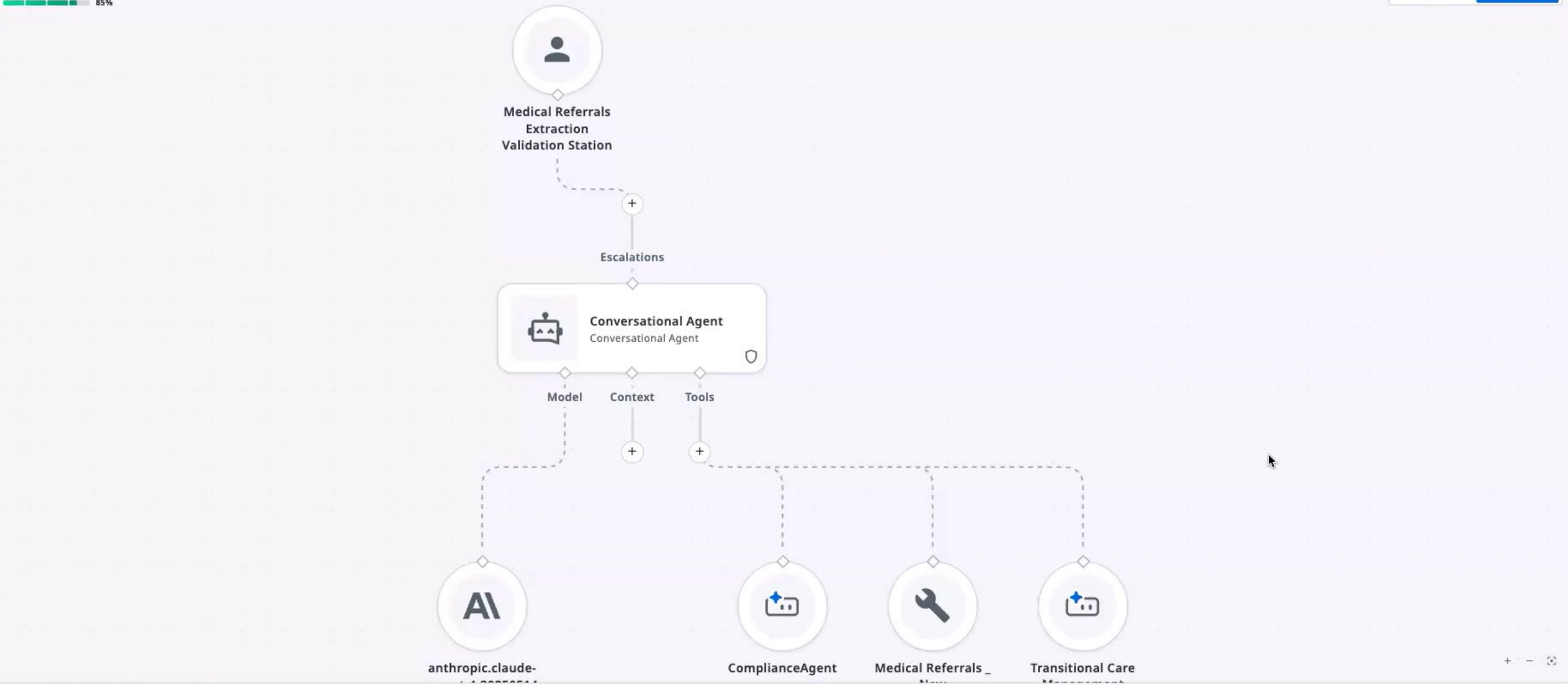
UiPath | LLMs and LLM To... | Agent Customers | Other | All Bookmarks

UiPath Studio | Fusion Workshop Agent Recreated_Lowcode > Conversational Agent | Tenant: DemoRepository

Debug | Debug step-by-step | Publish | Submit as template | Share

Score: Excellent 85%

Form | Flow Preview



Chat | History 53 | Evaluations 19

staging.uipath.com/uipathlabs/studio_/designer/971e5c1f-588a-4860-8948-b6eaaeec6223?solutionId=429eef7e-8ef7-43d8-aeee-848936da5474

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Score: Excellent 85%

Form | Flow Preview

Escalations

Conversational Agent
Conversational Agent

Model | Context | Tools

anthropic.claude-sonnet-4-20250514-v1:0

ComplianceAgent
ComplianceAgent_LC

Medical Referrals _ New

Transitional Care Management

Medical Referrals _ New

Project Name
Medical Referrals - New

Model
staging

View taxonomy

Description
Blank description

attachment
File to extract data from.

Guardrails

Add guardrails

Chat | History 53 | Evaluations 19

staging.uipath.com/uipathlabs/studio_/designer/971e5c1f-588a-4860-8948-b6eaaeec6223?solutionId=429eef7e-8ef7-43d8-aeee-848936da5474

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

UiPath Studio | Fusion Workshop Agent Recreated_Lowcode > Conversational Agent | Tenant: DemoRepository

Debug | Debug step-by-step | Publish | Submit as template | Share

Score: Excellent 85%

Form | Flow Preview

Escalations

Conversational Agent
Conversational Agent

Model | Context | Tools

anthropic.claude-sonnet-4-20250514-v1:0

ComplianceAgent
ComplianceAgent_LC

Medical Referrals _ New

Transitional Care Management

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

Chat | History 53 | Evaluations 19

staging.uipath.com/uipathlabs/studio_/designer/971e5c1f-588a-4860-8948-b6eaaeec6223?solutionId=429eef7e-8ef7-43d8-aeee-848936da5474

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

UiPath Studio | Fusion Workshop Agent Recreated_Lowcode > Conversational Agent | Tenant: DemoRepository

Debug | Debug step-by-step | Publish | Submit as template | Share

Score: Excellent 85%

Form | Flow (Preview)

Escalations

Conversational Agent
Conversational Agent

Model | Context | Tools

anthropic.claude-sonnet-4-20250514-v1:0

ComplianceAgent
ComplianceAgent_LC

Medical Referrals _ New

Transitional Care Management

Chat | History 53 | Evaluations 19

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

staging.uipath.com/uipathlabs/studio_/designer/bce4003d-cdd5-48c9-a694-9d8faacf0bd6?solutionId=429eef7e-8ef7-43d8-aeee-848936da5474

UiPath Studio | Fusion Workshop Agent Recreated_Lowcode > Transitional Care Management

Tenant: DemoRepository

Debug | Debug step-by-step | Publish | Submit as template | Share

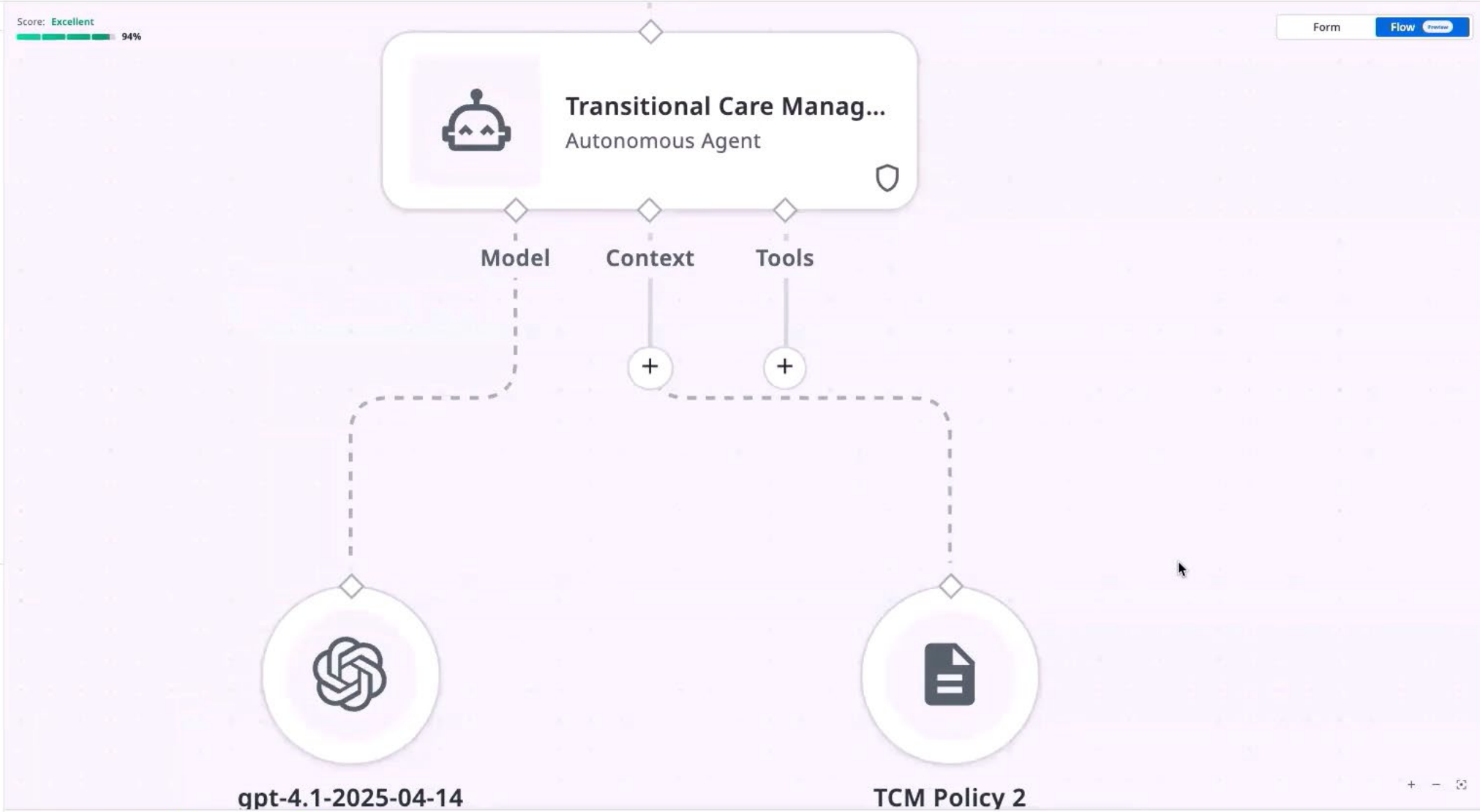
Explorer

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

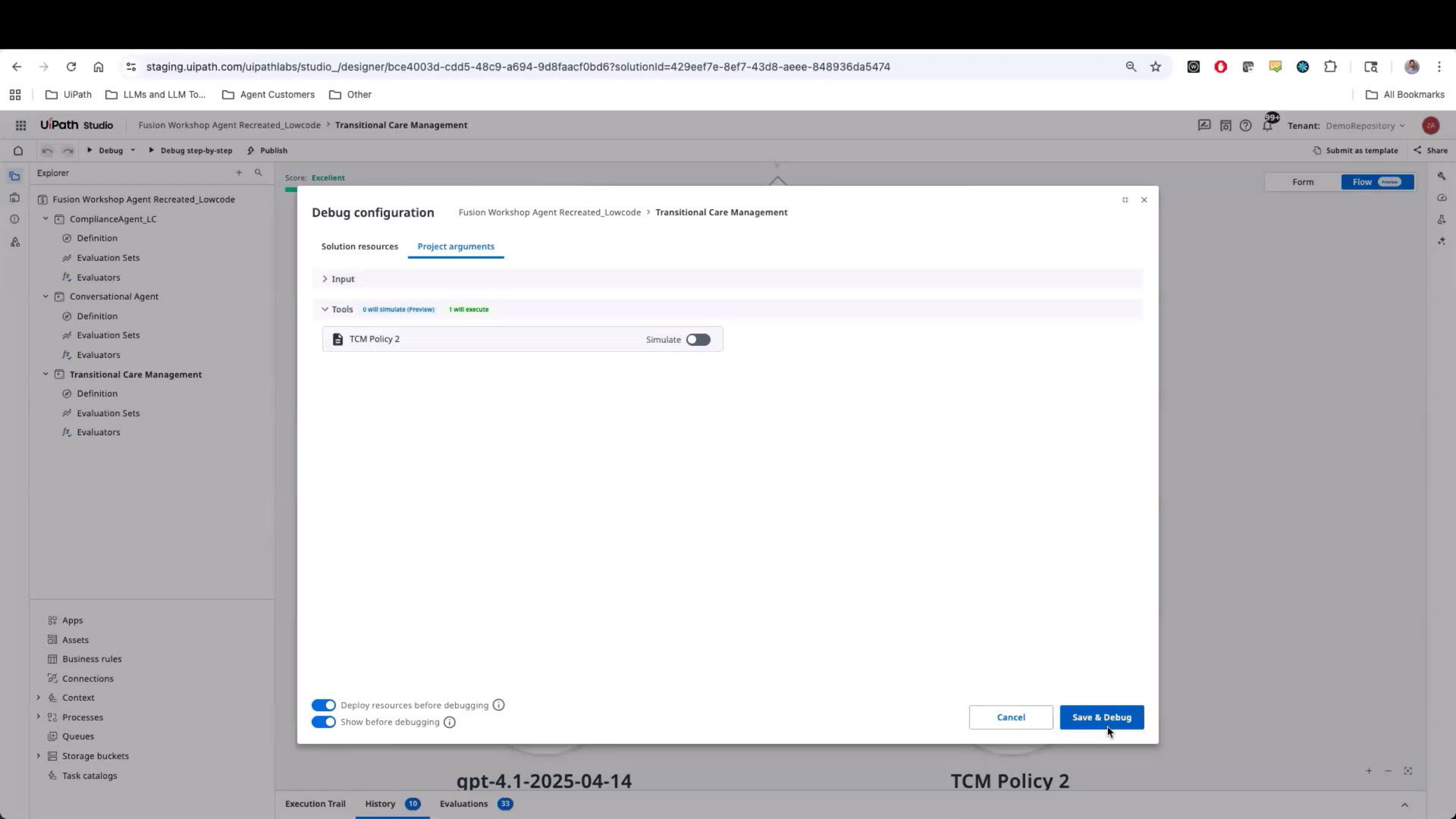
- Apps
- Assets
- Business rules
- Connections
- Context
- Processes
- Queues
- Storage buckets
- Task catalogs

Score: Excellent 94%

Form | Flow Preview



Execution Trail | History 10 | Evaluations 33


staging.uipath.com/uipathlabs/studio_/designer/bce4003d-cdd5-48c9-a694-9d8faacf0bd6?solutionId=429eef7e-8ef7-43d8-aeee-848936da5474
UiPath Studio
Fusion Workshop Agent Recreated_Lowcode > Transitional Care Management
Tenant: DemoRepository
Debug
Debug step-by-step
Publish
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
Form
Flow
Debug configuration
Fusion Workshop Agent Recreated_Lowcode > Transitional Care Management
Solution resources
Project arguments
Input
Tools
0 will simulate (Preview)
1 will execute
TCM Policy 2
Simulate
Deploy resources before debugging
Show before debugging
Cancel
Save & Debug
gpt-4.1-2025-04-14
TCM Policy 2
Execution Trail
History 10
Evaluations 33

staging.uipath.com/uipathlabs/studio_/designer/bce4003d-cdd5-48c9-a694-9d8faacf0bd6?solutionId=429eef7e-8ef7-43d8-aeee-848936da5474

UiPath Studio | Fusion Workshop Agent Recreated_Lowcode > Transitional Care Management

Tenant: DemoRepository

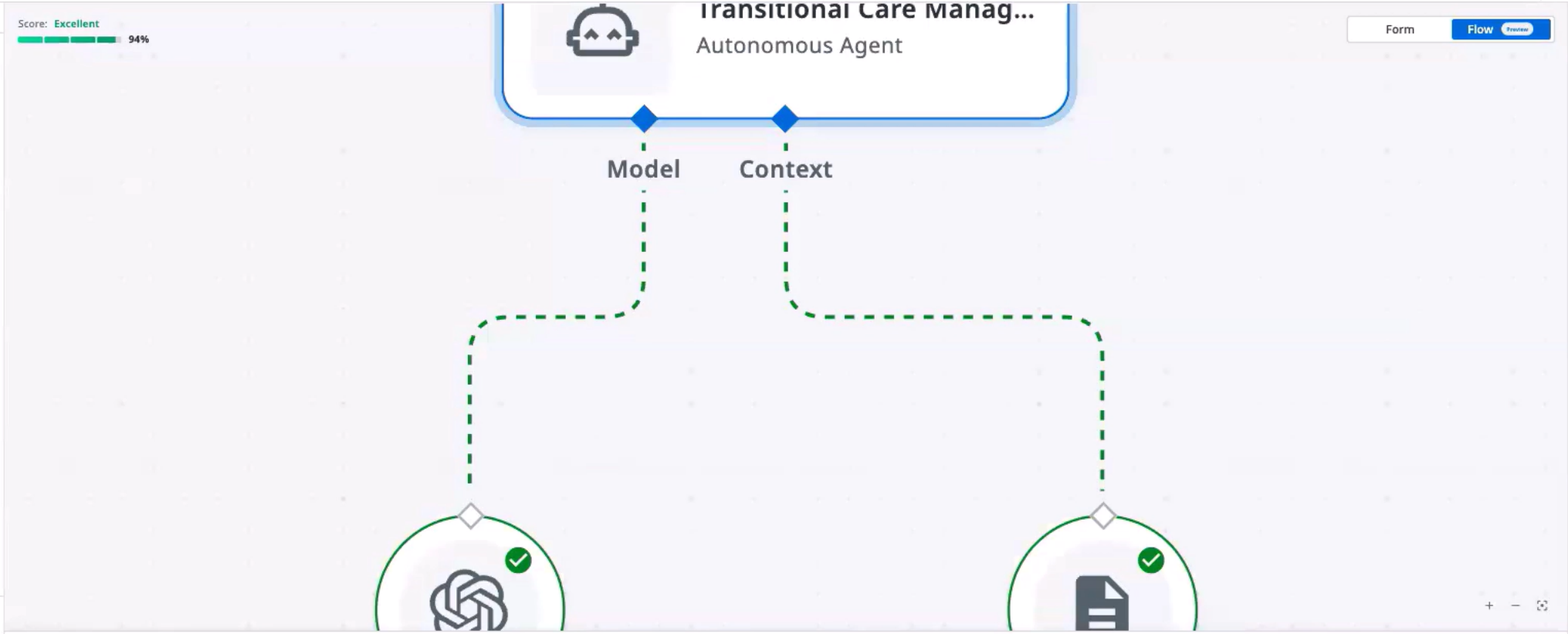
Debug | Debug step-by-step | Publish | Submit as template | Share

Explorer

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    - Definition
    - Evaluation Sets
    - Evaluators
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    - Definition
    - Evaluation Sets
    - Evaluators

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

Score: Excellent 94%



Execution Trail | History 11 | Evaluations 33

Execution Trace

- Agent run - Transitional Care Management
  - 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

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

UiPath Studio | Fusion Workshop Agent Recreated_Lowcode > Transitional Care Management

Trace successfully added to evaluation set

Tenant: DemoRepository

Debug | Debug step-by-step | Publish | Submit as template | Share

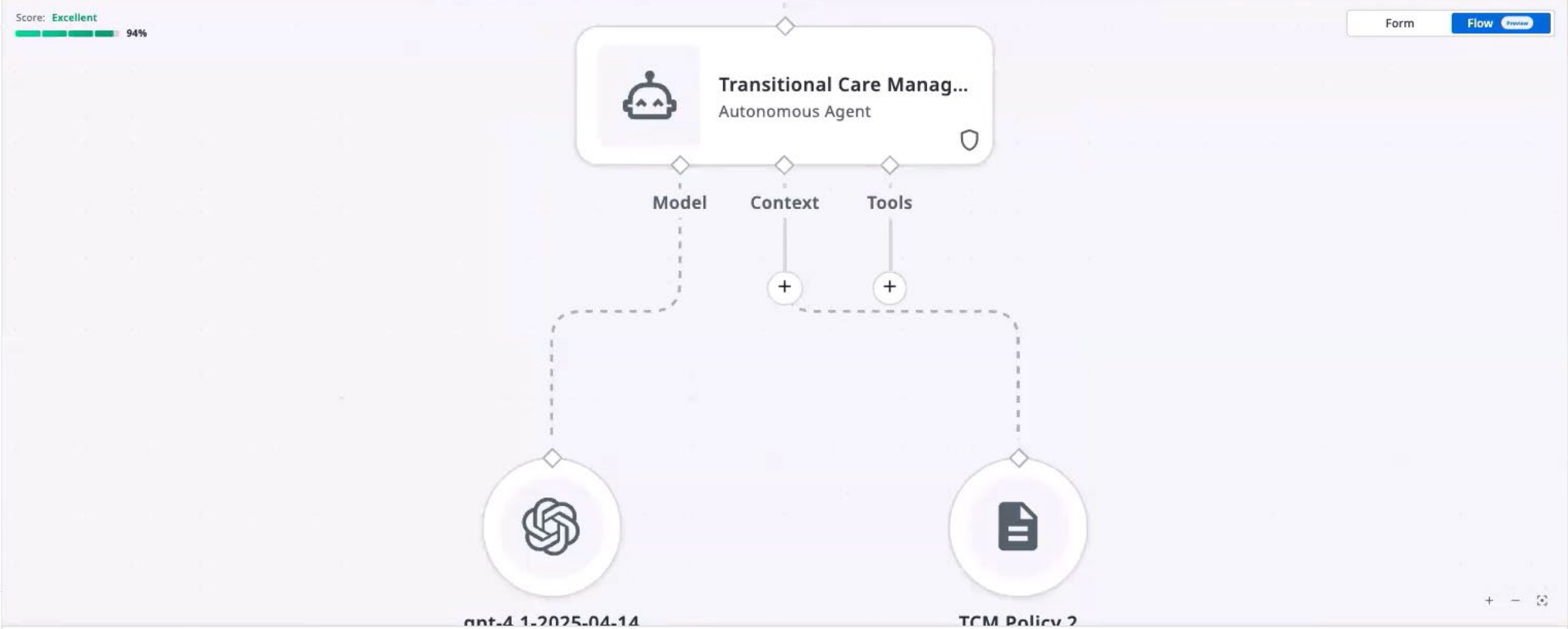
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    - Definition
    - Evaluation Sets
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    - Definition
    - Evaluation Sets
    - Evaluators

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

Score: Excellent 94%

Form | Flow Preview



Execution Trail | History 11 | Evaluations 34

Results

- 1-page MRs, qualifies for TCM-(Migrated)-1 — 2d ago
- 1-page MRs, non-TCM eligible-(Migrated)-1
- 10-page+ MRs, qualifying-(Migrated)-1
- Default Evaluation Set
- 10-page+ MRs, non-qualifying-(Migrated)-1

Select an evaluation to view details

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

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Trace successfully added to evaluation set

Tenant: DemoRepository

Debug | Debug step-by-step | Publish | Submit as template | Share

Explorer

Fusion Workshop Agent Recreated_Lowcode
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Apps
Assets
Business rules
Connections
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Processes
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Storage buckets
Task catalogs

Evaluation Sets

Evaluation sets

Create and manage your evaluation sets.

Create

Optimize | Run

View details | View all results

Default Evaluation Set

9 evaluations • Last ran: N/A

Optimize | Run

Review suggestions

System prompt *

~~Example of query: "TCM Policy"~~

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

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

UiPath Studio | Fusion Workshop Agent Recreated_Lowcode > Transitional Care Management

Trace successfully added to evaluation set

Tenant: DemoRepository

Debug | Debug step-by-step | Publish | Submit as template | Share

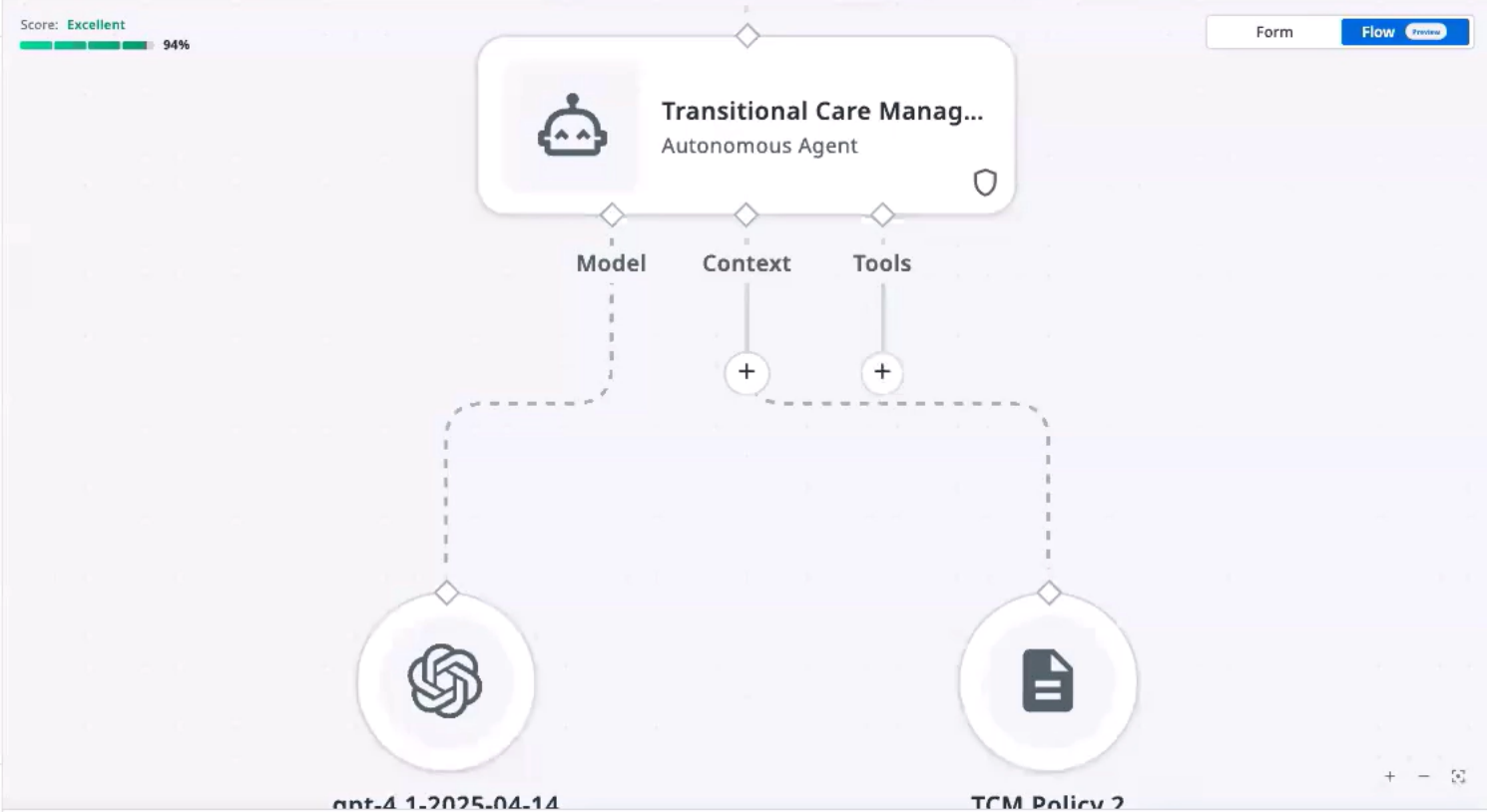
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- Task catalogs

Score: Excellent 94%

Form | Flow



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 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

Agent run - Transitio... | 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

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

Trace successfully added to evaluation set

Tenant: DemoRepository

Debug | Debug step-by-step | Publish | Submit as template | Share

Explorer

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Score: Excellent 94%

Form | Flow

Transitional Care Manag...
Autonomous Agent

Model | Context | Tools

gpt-4.1-2025-04-14

TCM Policy 2

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	20.96s
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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

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

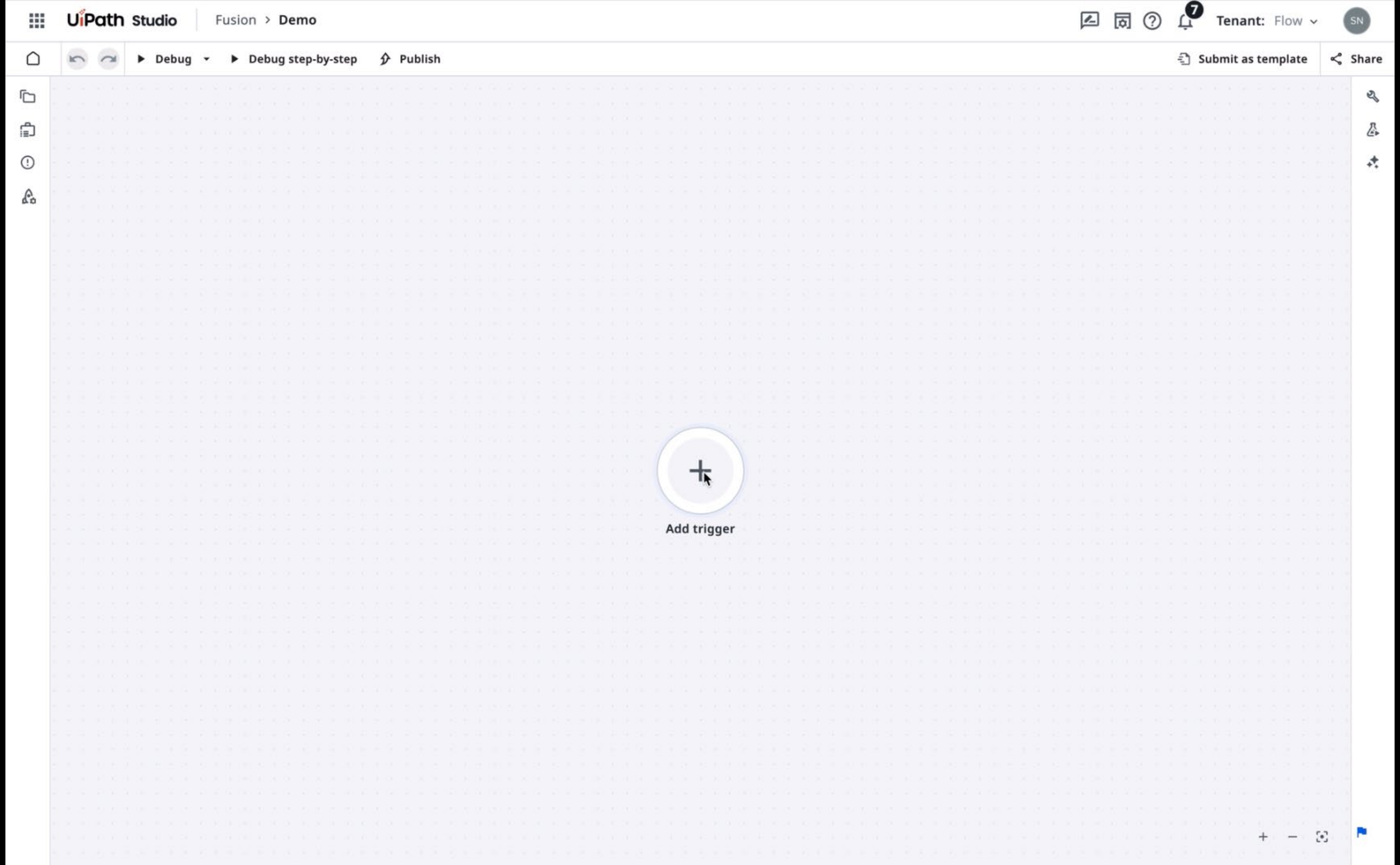
Evaluations >
Datasets relevance for evaluating agent's performance. Focused on number of samples, task alignment, dataset diversity and associated traces' diversity.
97

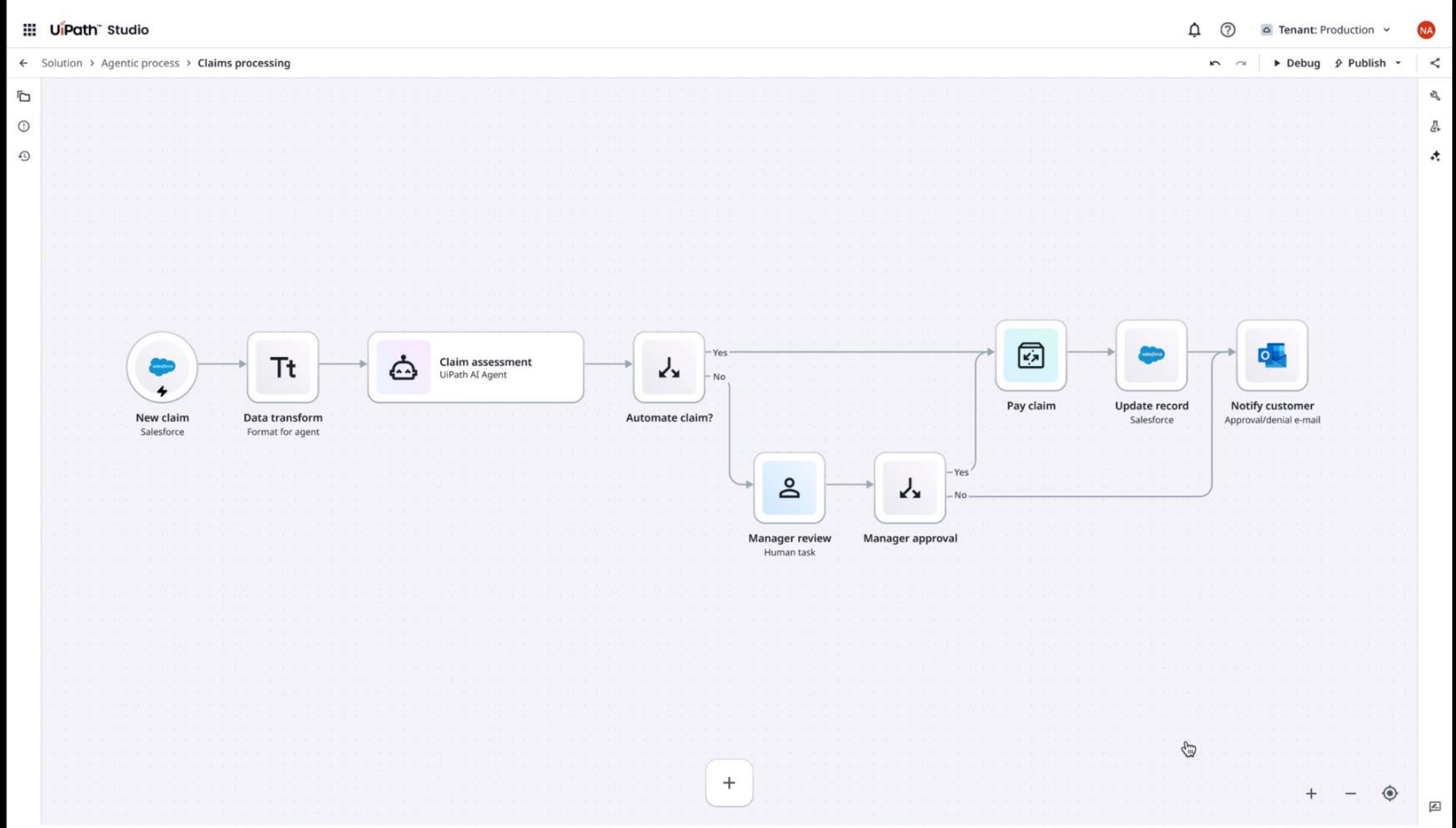
Learn what impacts your agent's score and how to improve it.
Start a guided walkthrough or read our documentation

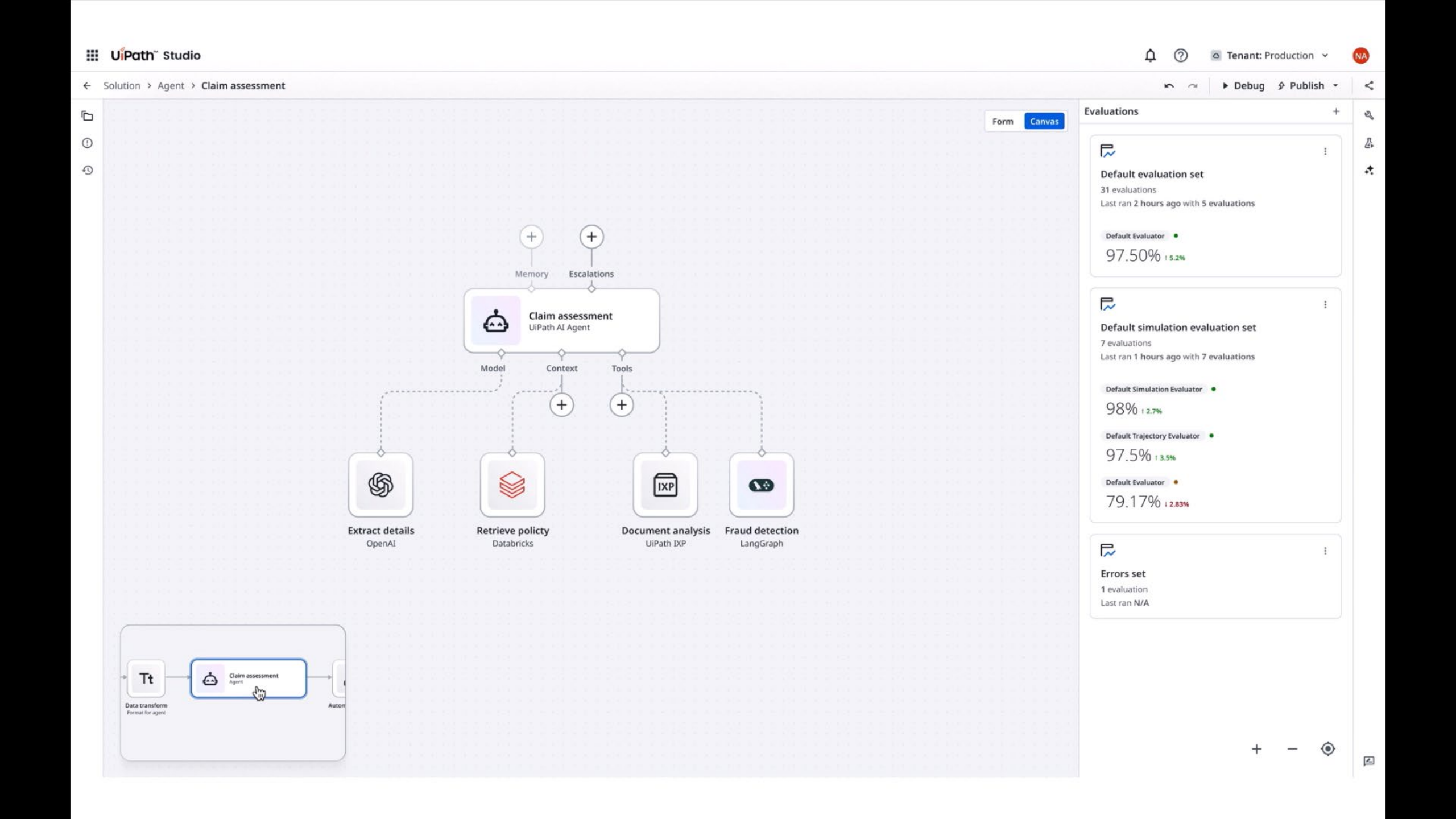
UiPath

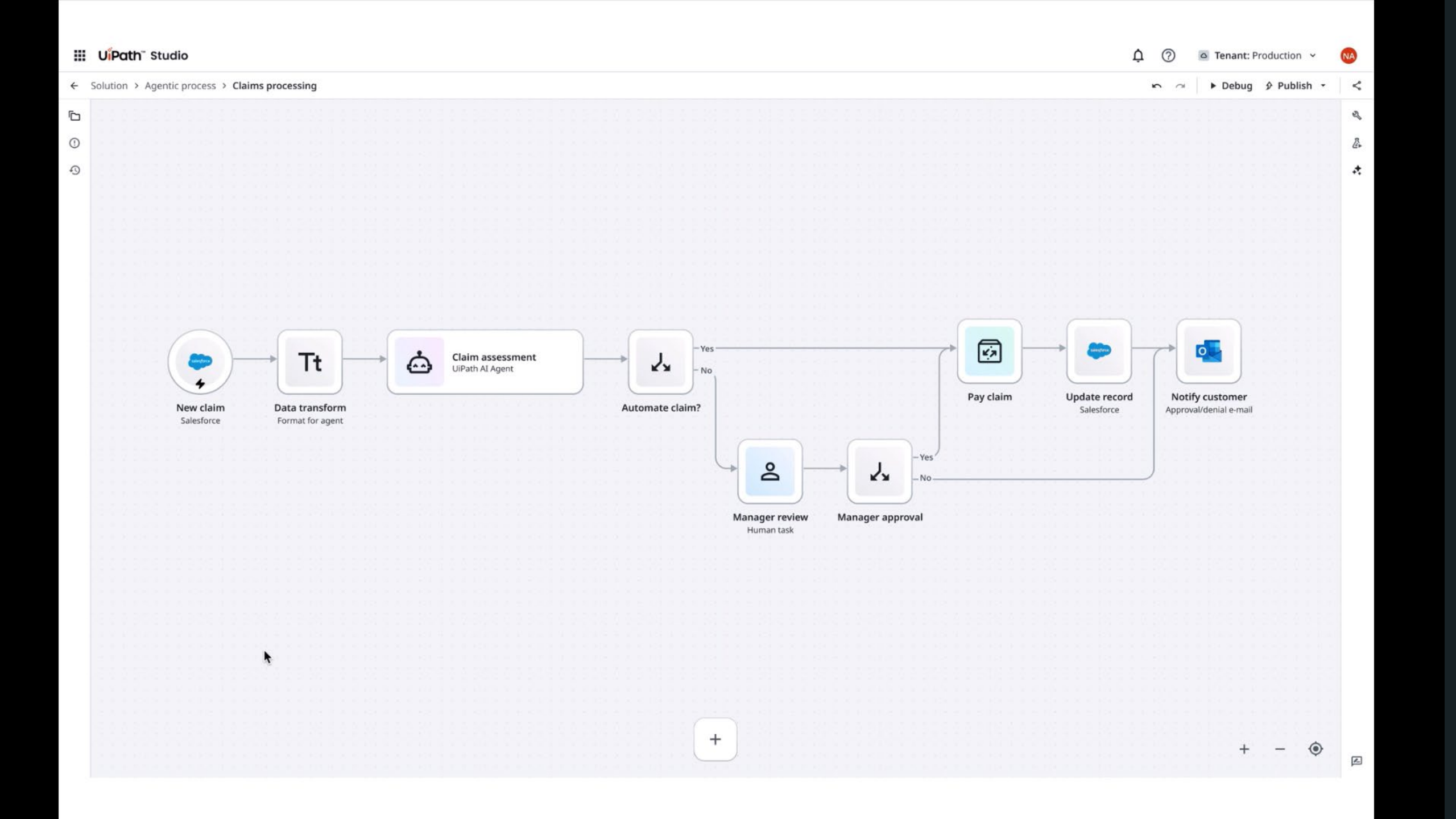
ONE MODERN, EXTENSIBLE CANVAS FOR ALL AUTOMATION WORK.




UiPath Studio
Fusion > Demo
7
Tenant: Flow
SN
Debug
Debug step-by-step
Publish
Submit as template
Share
Add trigger


UiPath Studio
Tenant: Production
NA
Solution
Agentic process
Claims processing
Debug
Publish
New claim
Salesforce
Data transform
Format for agent
Claim assessment
UiPath AI Agent
Automate claim?
Yes
No
Pay claim
Update record
Salesforce
Notify customer
Approval/denial e-mail
Manager review
Human task
Manager approval
Yes
No


UiPath Studio
Tenant: Production
NA
Solution
Agent
Claim assessment
Debug
Publish
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
Memory
Escalations
Claim assessment
UiPath AI Agent
Model
Context
Tools
Extract details
OpenAI
Retrieve policy
Databricks
Document analysis
UiPath IXP
Fraud detection
LangGraph
Data transform
Format for agent
Claim assessment
Agent


UiPath Studio
Tenant: Production
NA
Solution
Agentic process
Claims processing
Debug
Publish
New claim
Salesforce
Data transform
Format for agent
Claim assessment
UiPath AI Agent
Automate claim?
Yes
No
Pay claim
Update record
Salesforce
Notify customer
Approval/denial e-mail
Manager review
Human task
Manager approval
Yes
No

UiPath

JOIN THE PREVIEW
INFLUENCE THE VISION



UiPath

TRUST IS FOUNDATIONAL TO EVERYTHING WE BUILD.

UiPath



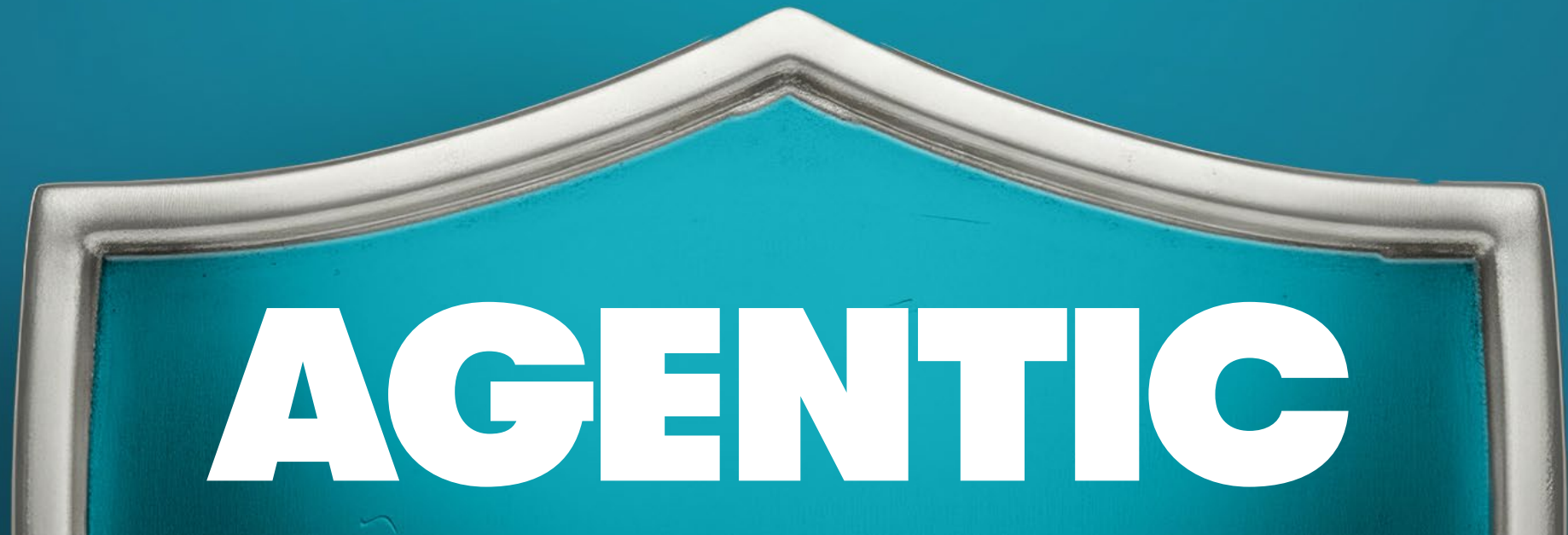
AI BRINGS NEW RISK VECTORS

Data leakage
Prompt injection
Runaway costs
Uncontrolled agency



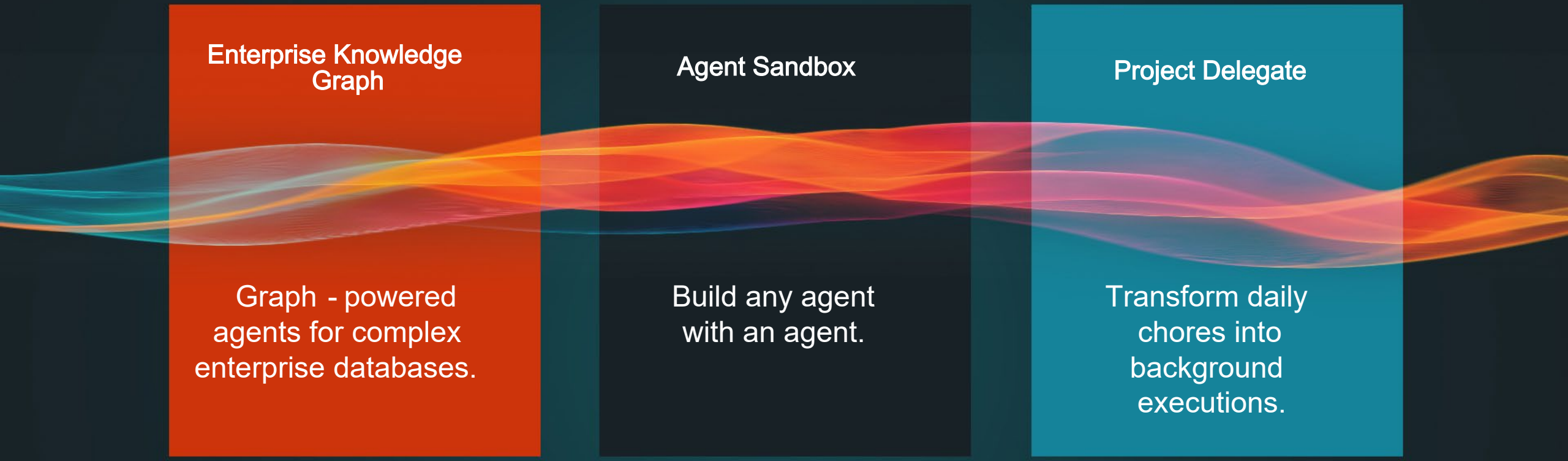
DEFENSE IN DEPTH

One console, total control
Guardrails for every agent
Real-time enforcement, continuous improvement



UiPath Labs

EARLY ACCESS TO THE FUTURE OF AUTOMATION



Enterprise Knowledge Graph

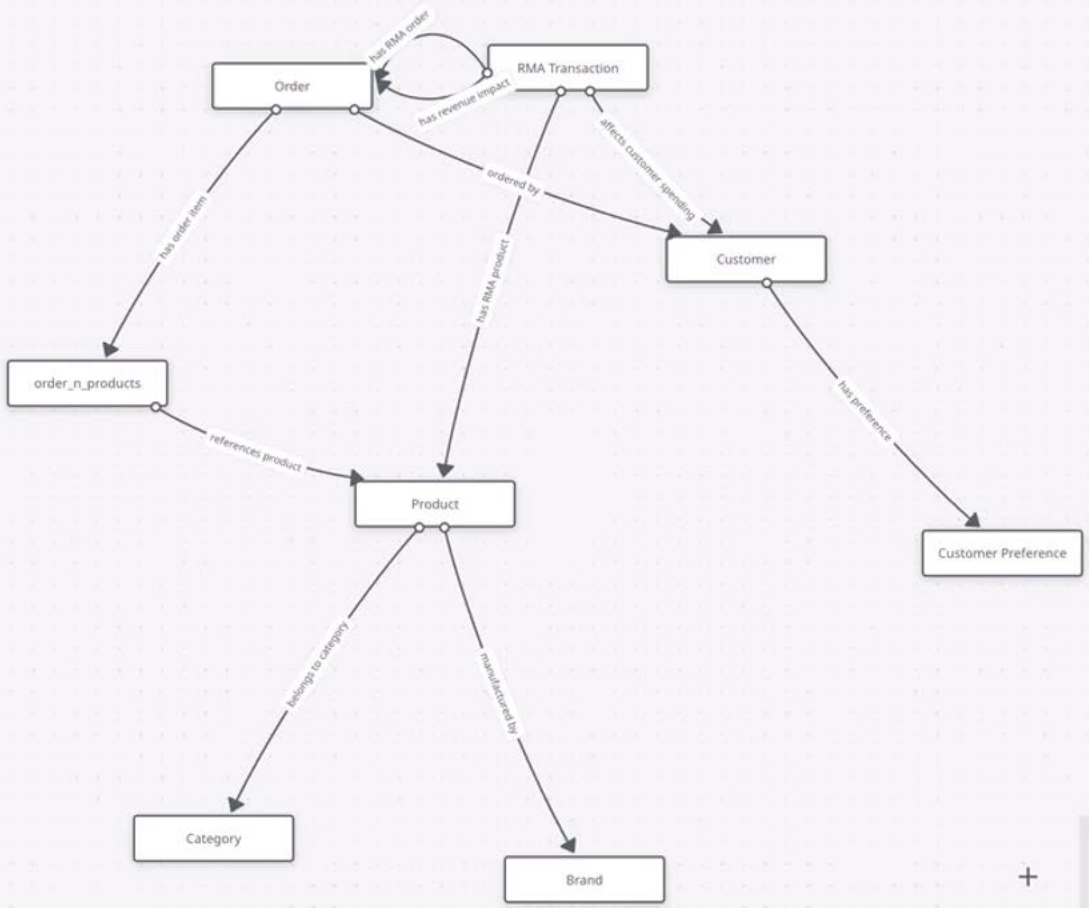
datafabric.uipath.com/conversation

Work

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

UiPath

EXPLORE WHAT'S NEXT
GUIDE OUR ROADMAP

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



LangGraph

LlamaIndex

crewai

Model Context Protocol

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LET'S BUILD THE FUTURE OF AUTOMATION TOGETHER.



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THANK YOU.

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AGENTIC AUTOMATION