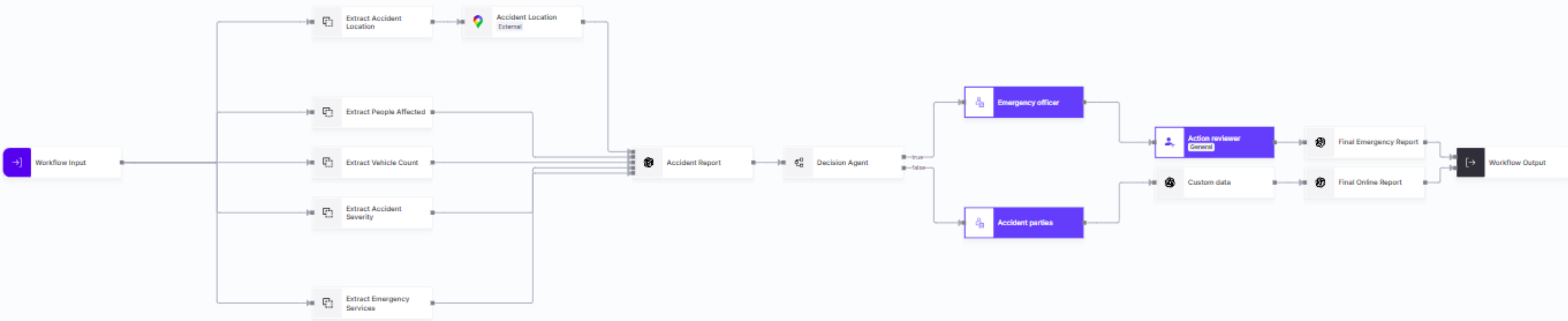




# **EMERGENCY ACCIDENT DETERMINANT**

# Emergency Accident Determinant



**Automation system that analyzes accident data in real time to determine whether an incident qualifies as an emergency. Based on its assessment, it also decides whether human intervention is required or if the situation can be handled automatically.**

**This project is an advanced automation system designed to determine whether an incident qualifies as an emergency in real time. By leveraging Opus, ChatGPT, with customized AI agents, the platform analyzes incoming calls from individuals involved in the incident and instantly assesses the severity of the situation.**

**The process begins when one of the parties contacts the system. Multiple AI agents collaboratively evaluate the call using voice analysis, contextual understanding, and incident-classification models. These agents detect signs of emergencies such as injuries, hazardous conditions, or urgent medical needs and determine whether immediate human intervention or first-aid response is required.**

**If the incident is classified as an emergency, the system automatically triggers escalation protocols, alerts human operators, and prepares essential data for rapid response teams. If no emergency is detected, the platform guides the involved parties to complete the incident report online through a streamlined, automated workflow eliminating unnecessary delays and manual assessments. This solution transforms incident management by offering faster decision-making, higher accuracy, reduced operational load, and a safer, more efficient response to real-world events.**

# Let's Try

## Emergency call Example

**Caller:** Hello, I need help! We've just had a serious accident on Sheikh Zayed Road.

**AI Agent:** I'm here to assist you. Can you tell me what happened?

**Caller:** Two cars collided at high speed. We have four injured people two of them can't move, and one is bleeding heavily. We need an ambulance right now.

**AI Agent:** Understood. Are all four injured still conscious?

**Caller:** Yes, but two of them are in very bad condition.

**AI Agent:** Thank you. This is classified as an emergency. I am alerting emergency medical services immediately. Please stay on the line while I coordinate the response team.

**Caller:** Please hurry!

## Non Emergency call Example

**Caller:** Hello, I want to report a minor car accident.

**AI Agent:** Certainly. Can you describe the situation?

**Caller:** Two cars bumped into each other in the parking lot. No one is injured, and we don't need any medical assistance.

**AI Agent:** Understood. So there are zero injuries, correct?

**Caller:** Correct. It's only minor damage to the cars.

**AI Agent:** Great. Since this is not an emergency, you can complete the report online. I'll send you a link to submit the details digitally.

**Caller:** Perfect, thank you.

# Emergency call Example

Opus Workflow Builder

workflow.opus.com/workflow/lbZ1ezj96CE4i9Mx/f66424

→ Workflow Input

Add data or parameters to pass them into the workflow for processing

Generate All Variables + Run

Call Transcript

Transcript or statement from the accident party.

Display Name

Call Transcript

Description (Optional)

Transcript or statement from the accident party.

Type

Text

Value

Caller: Hello, I need help! We've just had a serious accident on Sheikh Zayed Road.  
AI Agent: I'm here to assist you. Can you tell me what happened?  
Caller: Two cars collided at high speed. We have four injured people — two of them can't move, and one is bleeding heavily. We need an ambulance right now.  
AI Agent: Understood. Are all four injured still conscious?  
Caller: Yes, but two of them are in very bad condition.  
AI Agent: Thank you. This is classified as an emergency. I am alerting emergency medical services immediately. Please stay on the line while I coordinate the response team.  
Caller: Please hurry!

Workflow Input

Emergency Report

Vine Report

Workflow Output

+ Undo Redo

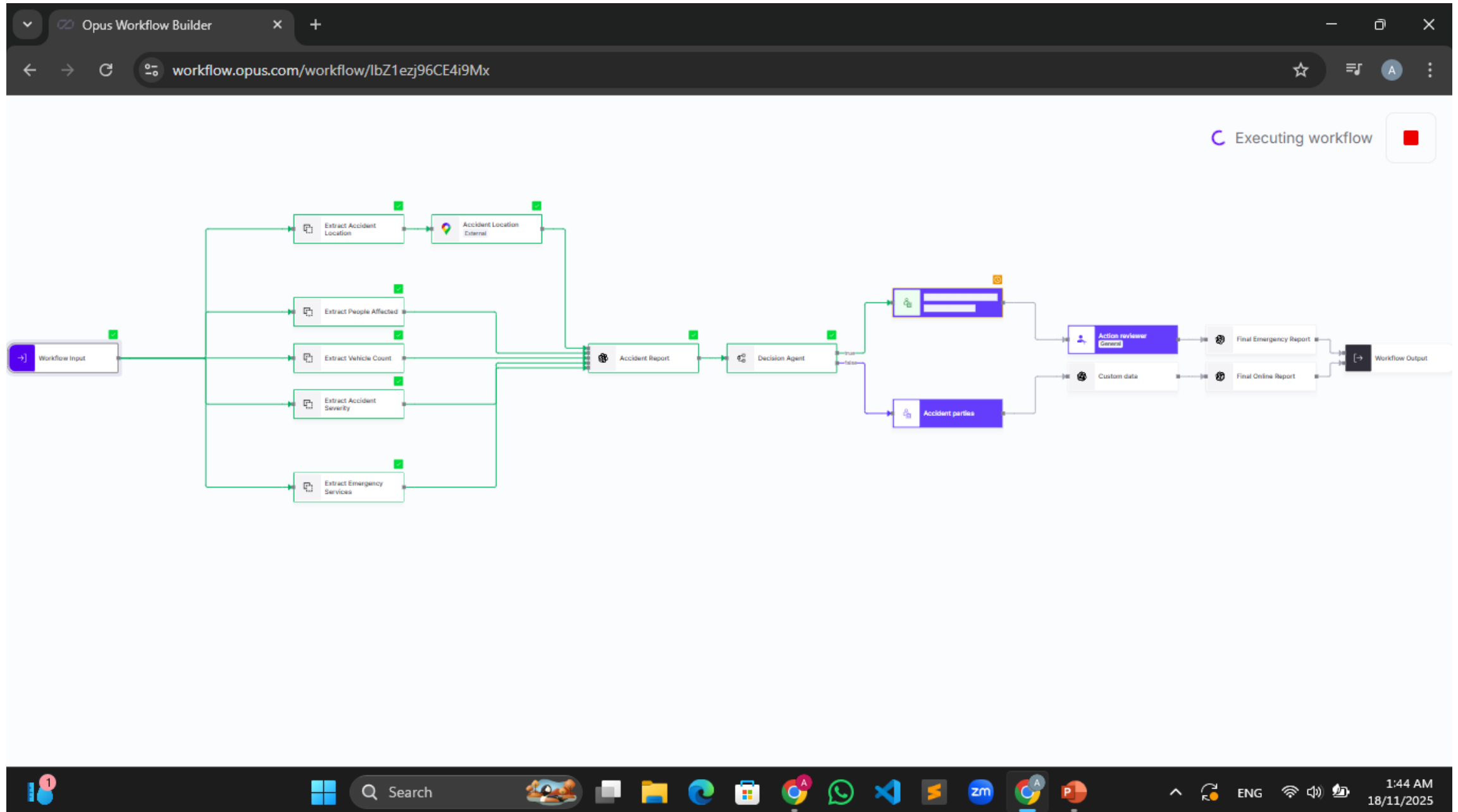
44%

Humid Now

Search

18/11/2025 1:41 AM

# Emergency officer



# Emergency officer action

Opus Workflow Builder

Applied AI

app.opus.com/app/review/9198

Man-hours: 41

2

A

Opus

Organization / Tasks / Active Tasks

M My Organization

Dashboard

Workflows

Templates

Jobs

Tasks

Go Back

Emergency officer

Task Status Pending

Workflow Emergency Accident Determinant

Assigned To A Abdelrahman

Deadline Nov 18, 2025, 02:42 AM

Acceptance Criteria

Please check emergency accident and take your action.

Switch Workspace

1 How many people affected? [Text]

4

2 Any additional action? [Text]

No

3 Should we send any Emergency services? [Text]

Yes

Please provide all required data to submit the task

Output

Cancel

Submit

Task Picked up by you. Release it to make it available for others

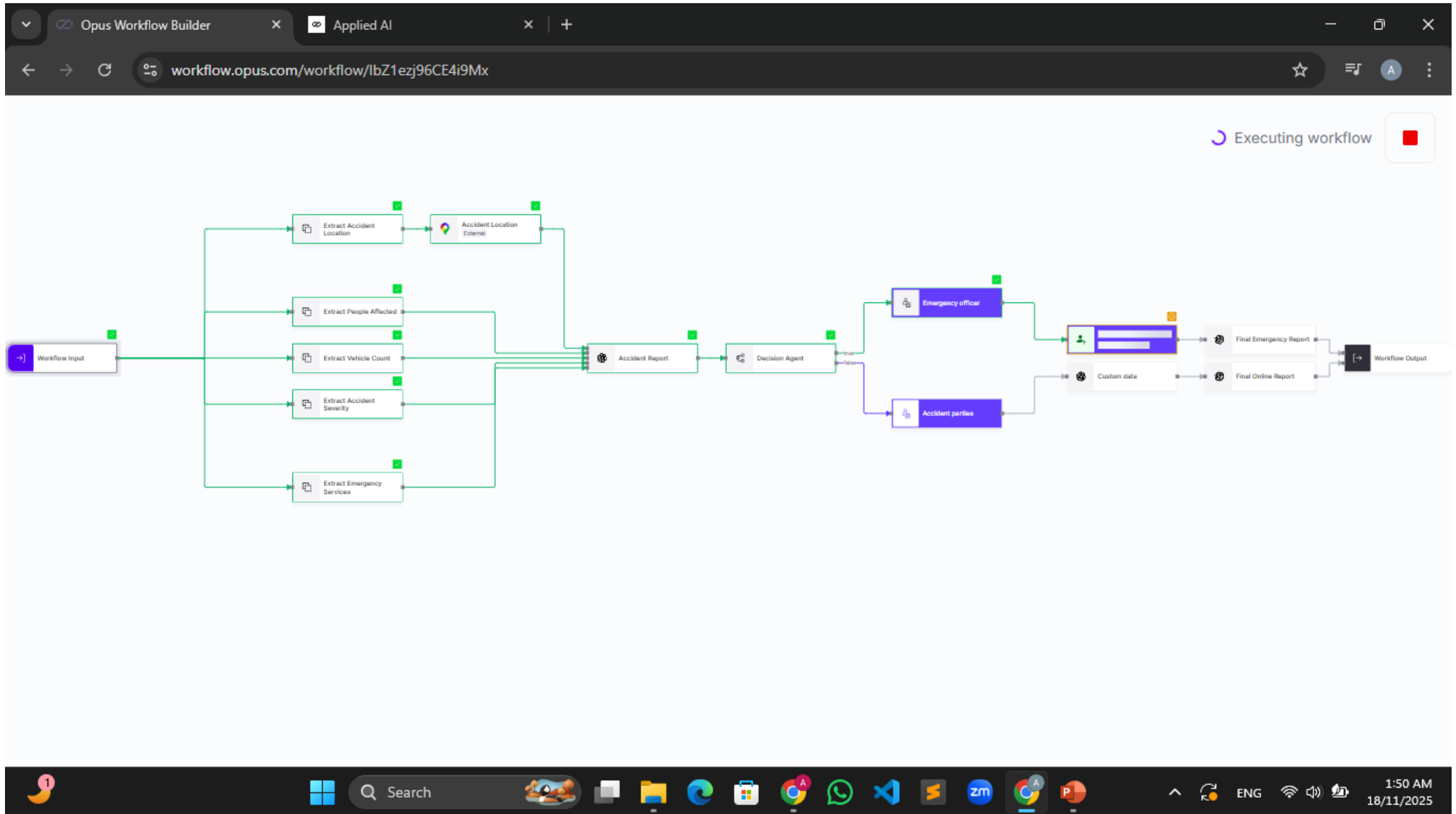
Release

1

Search

18/11/2025

# Action reviewer





## Action reviewer

The screenshot displays the Opus AI application interface within a web browser. The browser's address bar shows the URL 'app.opus.com/app/review/9200'. The application's header includes the 'opus' logo, a navigation menu with 'My Organization', 'Dashboard', 'Workflows', 'Templates', 'Jobs', and 'Tasks' (which is highlighted), and a 'Switch Workspace' button. The main content area is titled 'Action reviewer' and shows a task status of 'Pending', workflow 'Emergency Accident Determinant', assigned to 'Unassigned', and a deadline of 'Nov 18, 2025, 02:50 AM'. Below this, the 'Acceptance Criteria' section instructs the user to 'Please check the accident report and emergency action.' and notes 'No parameters to display'. On the right, the 'Input' and 'Output' sections are visible. The 'Input' section lists 'Condition 1' (Boolean) and 'Accident report' (Text). The 'Output' section displays the 'Accident Report' details, including 'Incident Overview' (location: Sheikh Zayed Road, severity: Severe, vehicles: 2, people affected: 4) and 'Recommended Emergency Services' (Ambulance: Yes, Fire brigade: No, Police backup: No, Tow truck: No, Hazardous materials team: No). A notification at the bottom right says 'Please Complete the task by adding the data on Output'. The Windows taskbar at the bottom shows the time as 1:53 AM on 18/11/2025.

## Action reviewer decision

The screenshot displays the Opus AI application interface in a web browser. The browser's address bar shows the URL 'app.opus.com/app/review/9200'. The application's header includes the 'opus' logo, a navigation menu with 'Organization / Tasks / Action reviewer', and a 'Man-hours: 41' indicator. A sidebar on the left lists navigation options: 'My Organization', 'Dashboard', 'Workflows', 'Templates', 'Jobs', and 'Tasks' (which is highlighted). The main content area is titled 'Action reviewer' and features a 'Go Back' button. Below this, a task summary box shows 'Task Status: Pending', 'Workflow: Emergency Accident Determinant', 'Assigned To: Abdelrahman', and 'Deadline: Nov 18, 2025, 02:50 AM'. An 'Acceptance Criteria' section follows, stating 'Please check the accident report and emergency action.' and noting 'No parameters to display'. The right-hand side of the interface contains a vertical list of three review questions: '1. How many people affected?' (with a text input containing '4'), '2. Any additional action?' (with a text input containing 'No'), and '3. Should we send any Emergency services?' (with a text input containing 'Yes'). At the bottom right, there are 'Reject' and 'Accept' buttons, a 'Release' button, and a notification stating 'Task Picked up by you. Release it to make it available for others'.

# Emergency action taken and report printed

Opus Workflow Builder x Applied AI x Applied AI x +

workflow.opus.com/workflow/lbZ1ezj96CE4i9Mx/f97609

## Workflow Output

Returns data from the workflow

+ Run

### OUTPUT CONFIGURATION

workflow\_output\_wd1nzi3j0

Display Name

Print Online Report

Description (Optional)

Enter description

System Name

workflow\_output\_wd1nzi3j0

Type: Text

Optional

Task Name

Final Online Report

Task Variable Name

Agent Response

### Print Final Emergency Report

Text

Accident Report Incident Overview - Accident location: Sheikh Zayed Road - Accident severity: Severe - Vehicles involved: 2 - People affected (injured or otherwise impacted): 4 Recommended Emergency Services - Ambulance: Yes (recommended) - Fire brigade: No - Police backup: No - Tow truck: No - Hazardous materials team: No Location Details (source: place data) - Name: Sheikh Zayed Road - Type: route - Formatted address: Sheikh Zayed Rd - Dubai - United Arab Emirates - Coordinates: 25.0699544, 55.1370806 - Google Maps URL: <https://maps.google.com/?cid=13024422892470869200> - Place rating: 4.8 Additional Notes - No further details provided regarding injuries, property damage, hazards, weather, or traffic conditions. Workflow Outputs (added) - workflow\_output\_jc0xf52m: Yes - workflow\_output\_2qnt7458u: 4 - workflow\_output\_9jnvhlxx7: No

Workflow Input

Emergency Report

Print Report

Workflow Output

+ 44% +

1

Search

1:55 AM 18/11/2025

# Non Emergency call Example

The screenshot displays the Opus Workflow Builder web application. The browser's address bar shows the URL `workflow.opus.com/workflow/lbZ1ezj96CE4i9Mx/f66424`. The interface features a dark-themed sidebar on the left with a 'Workflow Input' node. The main workspace is a light gray area where a configuration modal is open. This modal, titled 'Workflow Input', contains a 'Call Transcript' section with a trash icon and a description: 'Transcript or statement from the accident party.' To the right of this section are three input fields: 'Display Name' (containing 'Call Transcript'), 'Description (Optional)' (containing 'Transcript or statement from the accident party.'), and 'Type' (a dropdown menu set to 'Text'). Below these is a 'Value' section with a text area containing a transcript of a call. The transcript text is: 'Caller: Hello, I want to report a minor car accident. AI Agent: Certainly. Can you describe the situation? Caller: Two cars bumped into each other in the parking lot. No one is injured, and we don't need any medical assistance. AI Agent: Understood. So there are zero injuries, correct? Caller: Correct. It's only minor damage to the cars. AI Agent: Great. Since this is not an emergency, you can complete the report online. I'll send you a link to submit the details digitally. Caller: Perfect, thank you.' The modal also includes a 'Generate All Variables' button, a plus icon, and a 'Run' button. In the background, a workflow diagram is partially visible, showing 'Emergency Report' and 'Crime Report' nodes leading to a 'Workflow Output' node. The bottom of the screen shows a Windows taskbar with various application icons and a system clock indicating 2:27 AM on 18/11/2025.

Opus Workflow Builder

Applied AI

workflow.opus.com/workflow/lbZ1ezj96CE4i9Mx/f66424

### Workflow Input

Add data or parameters to pass them into the workflow for processing

**Call Transcript**

Transcript or statement from the accident party.

**Display Name**

Call Transcript

**Description (Optional)**

Transcript or statement from the accident party.

**Type**

Text

**Value**

Caller: Hello, I want to report a minor car accident.  
AI Agent: Certainly. Can you describe the situation?  
Caller: Two cars bumped into each other in the parking lot. No one is injured, and we don't need any medical assistance.  
AI Agent: Understood. So there are zero injuries, correct?  
Caller: Correct. It's only minor damage to the cars.  
AI Agent: Great. Since this is not an emergency, you can complete the report online. I'll send you a link to submit the details digitally.  
Caller: Perfect, thank you.

Emergency Report

Crime Report

Workflow Output

21°

Search

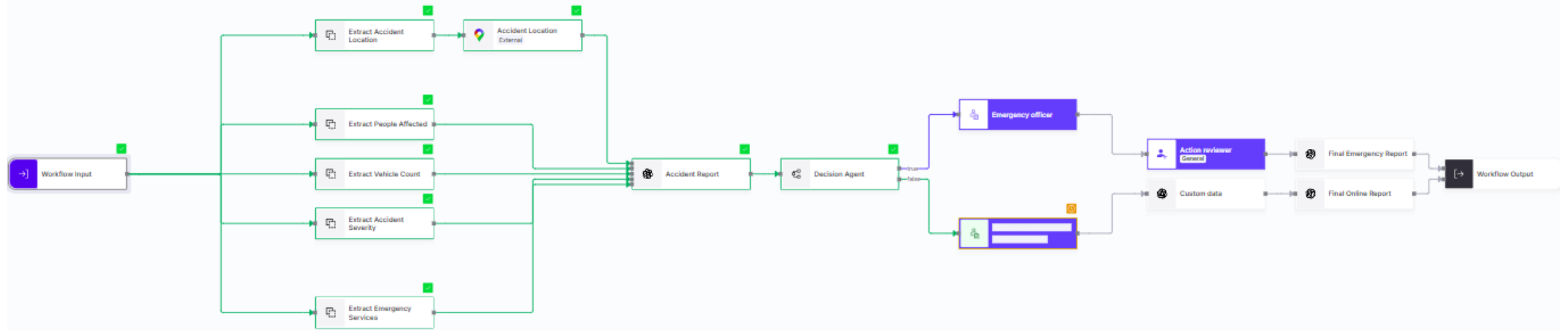
2:27 AM 18/11/2025

# Accident parties task

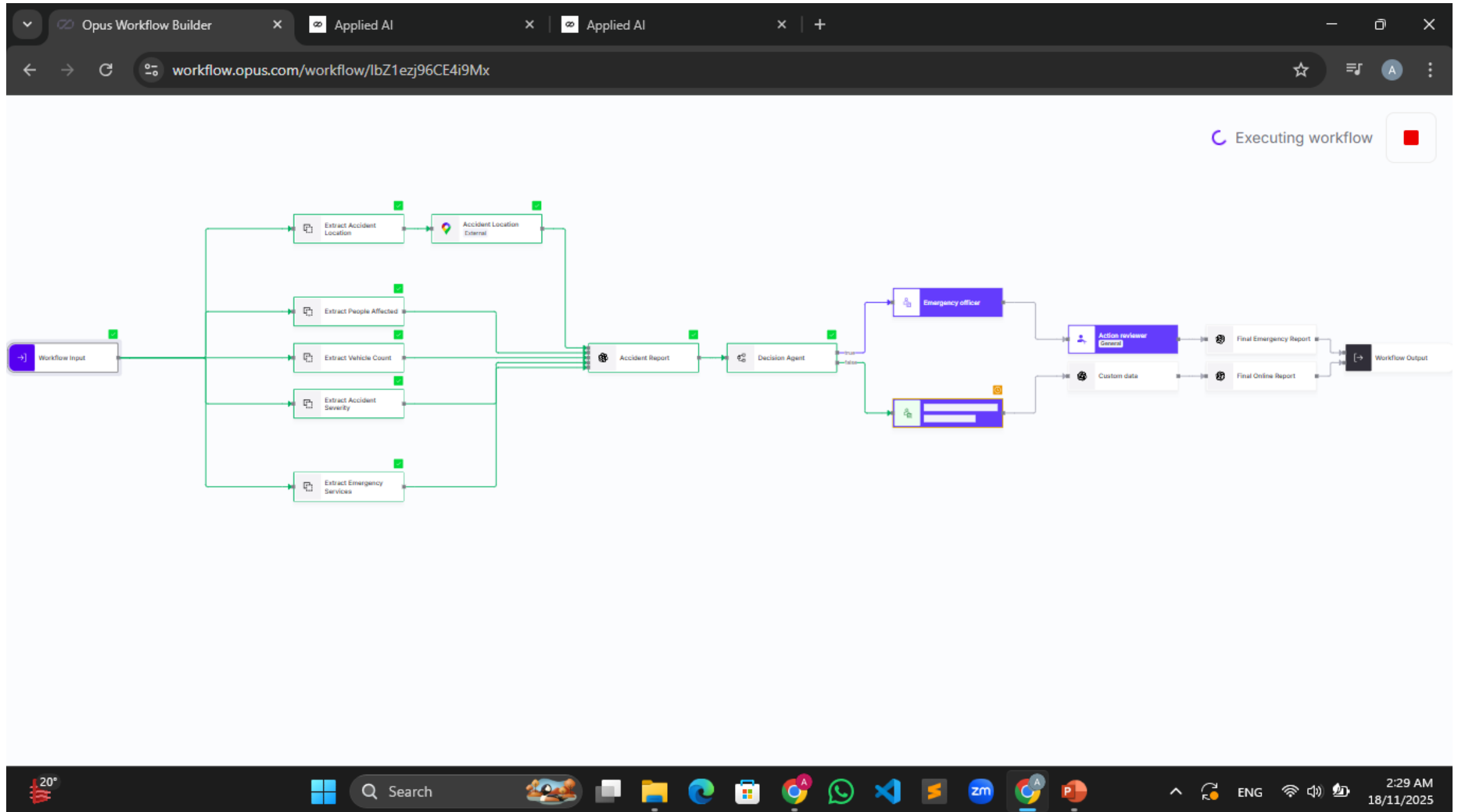
Opus Workflow Builder x Applied AI x Applied AI +

workflow.opus.com/workflow/lbZ1ezj96CE4i9Mx

Executing workflow



# Accident parties start online report



## Accident parties start online report

Opus Workflow Builder

Applied AI

app.opus.com/app/review/9219

☆🔍A⋮

opus

Organization / Tasks / Active Tasks

Man-hours: 41🔔<sup>2</sup>A

M My Organization

Dashboard

Workflows

Templates

Jobs

Tasks

Switch Workspace

← Go Back

Accident parties

Task StatusPending

WorkflowEmergency Accident Determinant

Assigned ToA Abdelrahman

DeadlineNov 18, 2025, 03:29 AM

Acceptance Criteria

Online report:

1Responsible phone number:[Number]56563435

2Drive license of affected:[Number]2152148521222

3Drive license of responsible:[Number]3243214242144

4Affected car plate:[Number]12332

Please provide all required data to submit the taskOutputCancelSubmit

Task Picked up by you. Release it to make it available for othersRelease

# Accident parties start online report

Opus Workflow Builder

Applied AI

app.opus.com/app/review/9219

☆🔊A⋮

opus

Organization / Tasks / Active Tasks

Man-hours: 41🔔<sup>2</sup>A

M My Organization

Dashboard

Workflows

Templates

Jobs

Tasks

← Go Back

Accident parties

Task Status

Pending

Workflow

Emergency Accident Determinant

Assigned To

A Abdelrahman

Deadline

Nov 18, 2025, 03:29 AM

Acceptance Criteria

Online report:

5 Responsible car plate: [Number]

43243

6 Affected phone number: [Number]

55429522

7 Email: [Text]

abdelrahman@gmail.com

8 Who is responsible and who is affected? [Text]

Please provide all required data to submit the task

Output

Cancel

Submit

Task Picked up by you. Release it to make it available for others

Release

Switch Workspace

1

Search

2:32 AM  
18/11/2025



# Print online report

The screenshot displays the 'Opus Workflow Builder' application window. The browser address bar shows the URL: `workflow.opus.com/workflow/lbZ1ezj96CE4i9Mx/f97609`. The main workspace shows a workflow diagram with a 'Workflow Input' node connected to a 'Workflow Output' node. The 'Workflow Output' node is highlighted, and its configuration panel is open.

**Workflow Output Configuration Panel:**

- Display Name:** Print Online Report
- Description (Optional):** Enter description
- System Name:** workflow\_output\_wd1nzi3j0
- Type:** Text
- Optional:** ☐
- Task Name:** Final Online Report
- Task Variable Name:** Agent Response

**Print Online Report Preview:**

**Text**

# Linked Data Report This report compiles all the linked data provided in the context. The data is presented in a structured format for clarity and ease of understanding. ## Data Summary 1. Name - Value: Me - Source: workflow\_output\_uu5ve4czv 2. Numeric Data - Value: 56,563,435 - Source: workflow\_output\_3yfv9i7lf 3. Numeric Data - Value: 55,429,522 - Source: workflow\_output\_kt7ipycd6 4. Large Numeric Data - Value: 3,243,214,242,144 - Source: workflow\_output\_cnoyv8176 5. Large Numeric Data - Value: 2,152,148,521,222 - Source: workflow\_output\_5fuya3vi1 6. Numeric Data - Value: 43,243 - Source: workflow\_output\_k1fjq5sie 7. Numeric Data - Value: 12,332 - Source: workflow\_output\_ee57ciu7r 8. Email Address - Value: abdelrahman@gmail.com - Source: workflow\_output\_n4mteoqht ## Conclusion The data provided includes a mix of numeric values and a single email address. The numeric values range from small to very large numbers, indicating a diverse set of data points. The email address suggests a point of contact or identity associated with the data. This report serves as a comprehensive overview of the linked data available.

The bottom of the screen shows the Windows taskbar with various application icons and the system clock indicating 2:34 AM on 18/11/2025.

## **Project link**

<https://app.opus.com/app/workflow/share/86e1f6aa-4931-415b-8ed5-f562068bcec7>

# **Emergency Accident Determinant**

**By: Abdelrahman Ezzat**