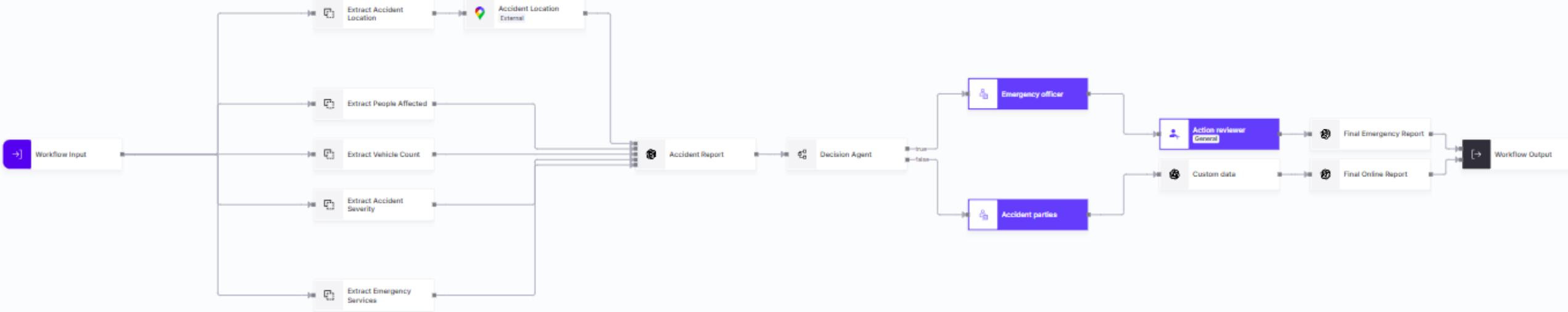




EMERGENCY ACCIDENT DETERMINANT

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

The screenshot shows the Opus Workflow Builder interface with a workflow titled "Emergency call Example".

Workflow Input: A "Call Transcript" node is defined with the following details:

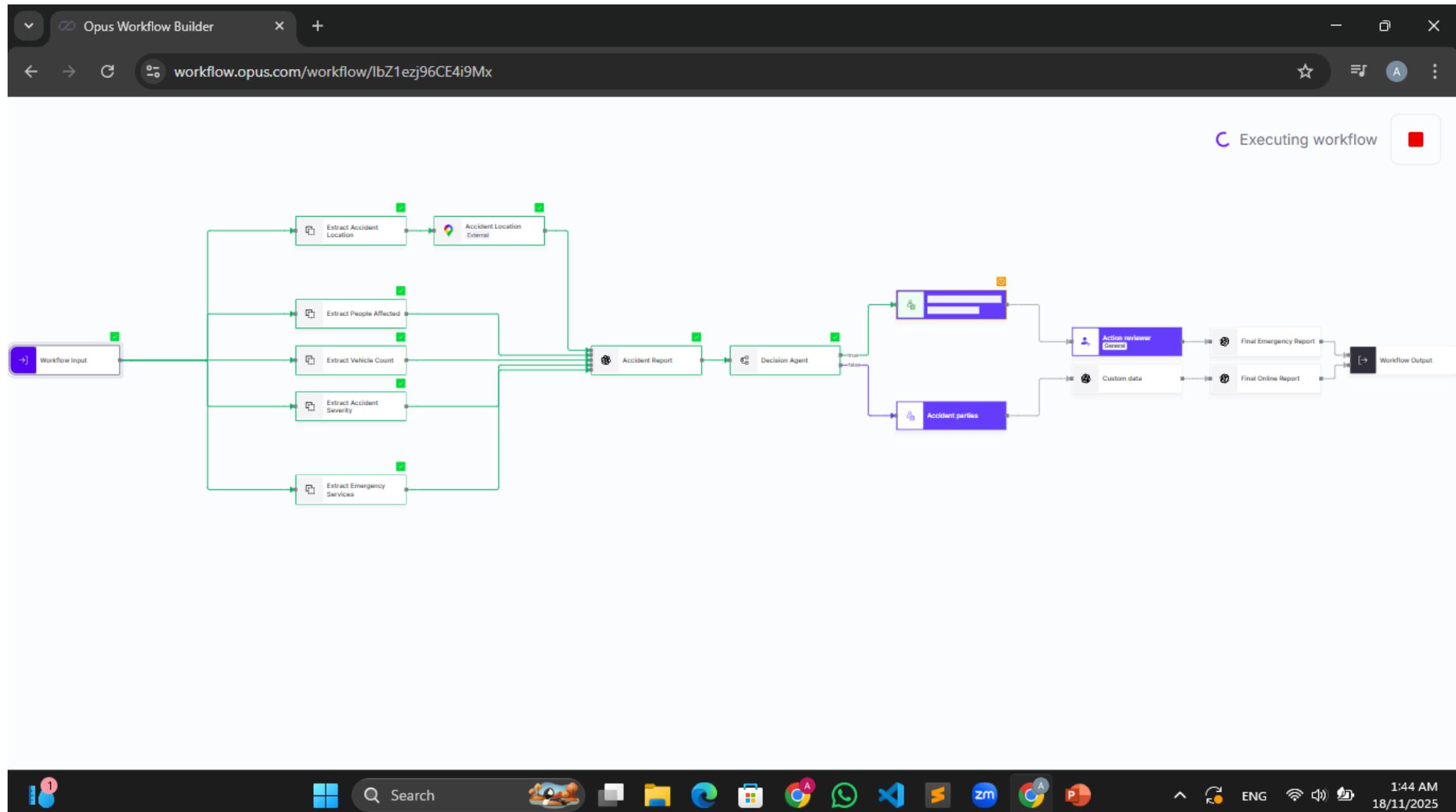
- Display Name:** Call Transcript
- Description (Optional):** Transcript or statement from the accident party.
- Type:** Text
- Value:** Caller: Hello, I need help! We've just had a serious accident on Sheikh Zayed Road.
AI Agent: I'm here to assist you. Can you tell me what happened?
Caller: Two cars 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 Diagram: The workflow starts with a "Workflow Input" node, which connects to a "Call Transcript" node. From the "Call Transcript" node, the flow continues through several nodes labeled "Emergency Report", "Police Report", and "Ambulance Report" before reaching a final "Workflow Output" node.

Toolbar: The toolbar includes icons for creating new nodes (+), deleting nodes (trash), and navigating (back, forward, search).

System Tray: The system tray shows the date and time (18/11/2025, 1:41 AM), battery level (44%), and connectivity status.

Emergency officer



Emergency officer action

Opus Workflow Builder Applied AI

app.opus.com/app/review/9198

Opus Organization / Tasks / Active Tasks

My Organization

Dashboard Workflows Templates Jobs Tasks

Go Back

Emergency officer

Task Status: Pending

Workflow: Emergency Accident Determinant

Assigned To: Abdelrahman

Deadline: Nov 18, 2025, 02:42 AM

Acceptance Criteria

Please check emergency accident and take your action.

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

Switch Workspace

Search

1:46 AM 18/11/2025

Action reviewer

Opus Workflow Builder Applied AI

workflow.opus.com/workflow/lbZ1ezj96CE4i9Mx

Executing workflow

The screenshot shows a workflow diagram in Opus Workflow Builder. It starts with a 'Workflow Input' node on the left, which branches into five parallel extraction tasks: 'Extract Accident Location', 'Extract People Affected', 'Extract Vehicle Count', 'Extract Accident Severity', and 'Extract Emergency Services'. These tasks converge into a single 'Accident Report' node. From 'Accident Report', the flow goes to a 'Decision Agent' node. The 'Decision Agent' has two outgoing paths: one to an 'Emergency officer' node and one to an 'Accident parties' node. Both of these nodes then feed into a 'Custom data' node. Finally, the 'Custom data' node leads to a 'Final Emergency Report' node, which is connected to a 'Final Online Report' node, and both of those lead to the final 'Workflow Output'.



Search



ENG



1:50 AM
18/11/2025

Action reviewer

Opus Workflow Builder Applied AI Applied AI

app.opus.com/app/review/9200

opus Organization / Tasks / Action reviewer

My Organization

Dashboard Workflows Templates Jobs Tasks

Go Back

Action reviewer

Task Status: Pending

Workflow: Emergency Accident Determinant

Assigned To: Unassigned

Deadline: Nov 18, 2025, 02:50 AM

Acceptance Criteria

Please check the accident report and emergency action.

No parameters to display

Input 2 Output 3

Condition 1 [Boolean]

Accident 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

Please Complete the task by adding the data on Output

View Output

Switch Workspace

1 Search File Google Chrome WhatsApp Microsoft Word Zoom Google Sheets Powerpoint ENG 1:53 AM 18/11/2025

Action reviewer decision

Opus Workflow Builder Applied AI Applied AI

app.opus.com/app/review/9200

opus Organization / Tasks / Action reviewer Man-hours: 41 | A | 2

My Organization Go Back

Dashboard Workflows Templates Jobs Tasks

Action reviewer

Task Status: Pending

Workflow: Emergency Accident Determinant

Assigned To: Abdelrahman

Deadline: Nov 18, 2025, 02:50 AM

Acceptance Criteria

Please check the accident report and emergency action.

No parameters to display

1 How many people affected? [Text]
4

2 Any additional action? [Text]
No

3 Should we send any Emergency services? [Text]
Yes

Please Review the Output and Accept or Reject

Reject Accept

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

Release

Switch Workspace

Search Icons: File Explorer, Google Sheets, WhatsApp, VS Code, Zoom, Google Chrome, Microsoft Edge, Microsoft Word

1:154 AM
18/11/2025

Emergency action taken and report printed

Opus Workflow Builder Applied AI Applied AI

workflow.opus.com/workflow/lbZ1ezj96CE4i9Mx/f97609

Workflow Output

Returns data from the workflow

+

Run

OUTPUT CONFIGURATION

Display Name: Print Online Report

Description (Optional): Enter description

System Name: workflow_output_wd1nzl3j0

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 URI: <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: No
- workflow_output_9jnvhlxx7: No

```
graph LR; WorkflowInput[Workflow Input] --> WorkflowOutput[Workflow Output]; EmergencyReport[Emergency Report] --> WorkflowOutput; MineReport[Mine Report] --> WorkflowOutput;
```



Search



1:55 AM
18/11/2025

Non Emergency call Example

The screenshot shows the Opus Workflow Builder interface with a workflow titled "Non Emergency call Example".

Workflow Input: A "Workflow Input" node is connected to a "Call Transcript" variable. The "Call Transcript" variable has the following properties:

- 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.

Workflow Output: The workflow ends at a "Workflow Output" node, which receives input from both the "Emergency Report" and "Non Emergency Report" nodes.



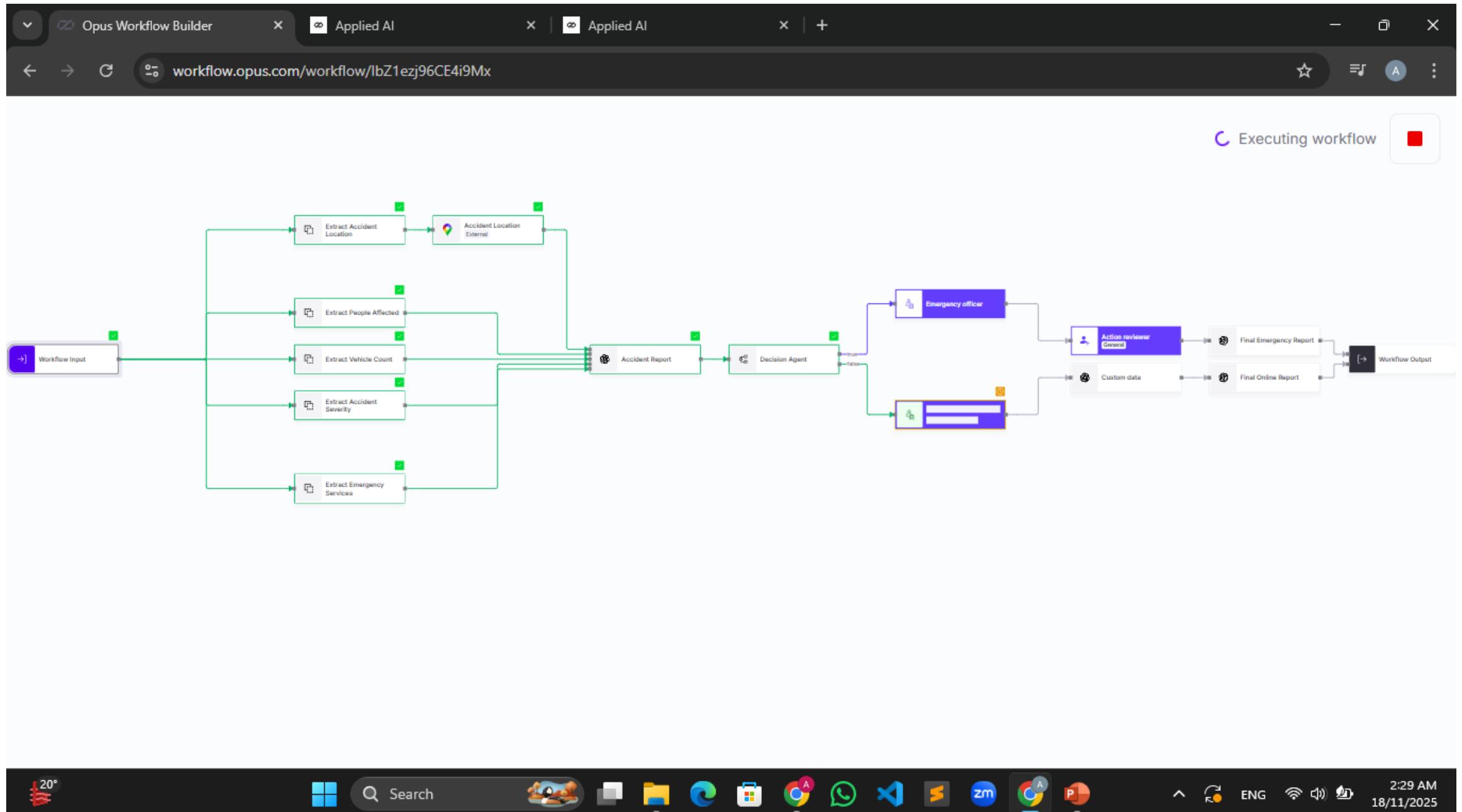
Search



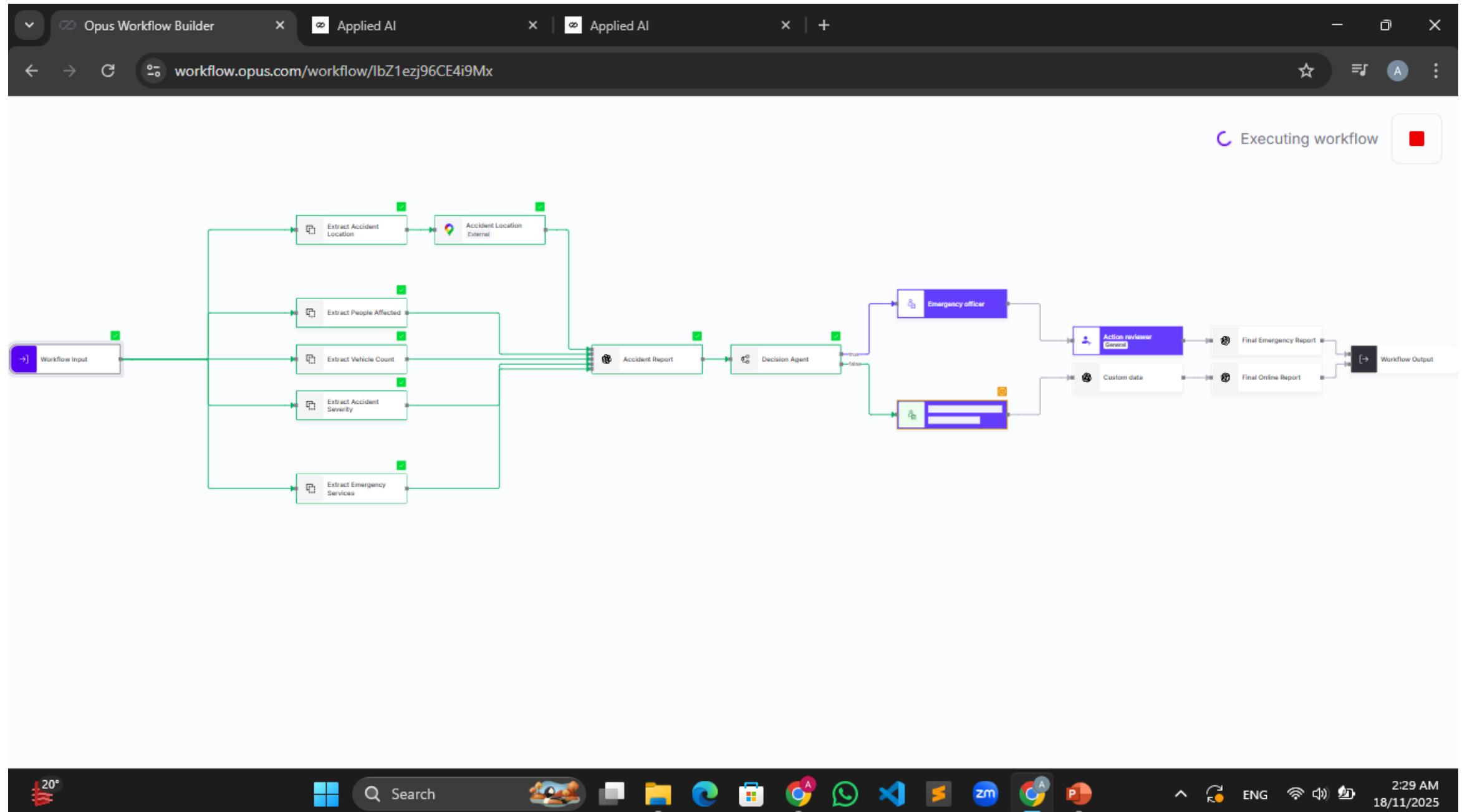
ENG

2:27 AM
18/11/2025

Accident parties task



Accident parties start online report



Accident parties start online report

Opus Workflow Builder Applied AI app.opus.com/app/review/9219

opus Organization / Tasks / Active Tasks Man-hours: 41 | A | 2

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Dashboard Workflows Templates Jobs Tasks

Accident parties

Task Status: Pending

Workflow: Emergency Accident Determinant

Assigned To: Abdelrahman

Deadline: Nov 18, 2025, 03:29 AM

Acceptance Criteria

Online report:

1 Responsible phone number: [Number]
56563435

2 Drive license of affected: [Number]
2152148521222

3 Drive license of responsible: [Number]
3243214242144

4 Affected car plate: [Number]
12332

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

20° Search File Folder Edge Microsoft Store Google Chrome WhatsApp Visual Studio Code Slack zm Google Sheets Power BI 2:32 AM ENG WiFi Battery 18/11/2025

Accident parties start online report

Opus Workflow Builder Applied AI app.opus.com/app/review/9219

opus Organization / Tasks / Active Tasks Man-hours: 41 | A | 2

My Organization Go Back

Dashboard Workflows Templates Jobs Tasks

Accident parties

Task Status: Pending Workflow: Emergency Accident Determinant Assigned To: 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 File Folder Microsoft Edge Google Chrome WhatsApp Microsoft Word Microsoft Excel Microsoft Powerpoint Microsoft Teams Google Sheets Microsoft Project 2:32 AM ENG WiFi Battery 18/11/2025

Print online report

Workflow Output

Returns data from the workflow

OUTPUT CONFIGURATION

Display Name: Print Online Report

Description (Optional): Enter description

System Name: workflow_output_wd1nzl3j0

Type: Text

Optional:

Task Name: Final Online Report

Task Variable Name: Agent Response

Run

Print Online Report

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.

```
graph LR; WorkflowInput[Workflow Input] --> PrintReport[Print Online Report]; PrintReport --> WorkflowOutput[Workflow Output]
```



Search



2:34 AM

18/11/2025

Project link

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

Emergency Accident Determinant

By: Abdelrahman Ezzat