

n8n intermediate: API calls, webhooks, expressions and error handling on one page

The settings that turn a first n8n workflow into one the business runs on, from the free n8n Intermediate course.

HTTP Request: call any API

Method

GET reads and changes nothing. **POST** sends data to create something.

URL

The address from the app's API docs, like

`https://jsonplaceholder.typicode.com/users` .

Send Query Parameters

Narrow a GET: Name `username` , Value `Samantha` adds `?username=Samantha` .

Send Body

For POST: **JSON, Using Fields Below**, one field per value.

Authentication

A saved credential. Never paste a key into the URL or body.

Data and expressions

Item

One record. A node runs once per item.

Expression

`{{ $json.email }}` = this item's email. Drag a field from INPUT onto a box to make one.

Output views

Schema, Table and **JSON** show the same data three ways.

Triggers that run without you

Schedule Trigger

At a set time, in the workflow's time zone.

Webhook Test URL

Listens only while you click **Listen for test event**.

Webhook Production URL

Listens all the time after **Publish**. This one goes in the live form.

Safe AI and error handling

- Save AI replies as **Gmail drafts**; a person sends them.
- An **error workflow** (Error Trigger + email) tells you when any workflow fails.
- **Retry On Fail** for flaky steps; **Executions** to retry a failed run.
- Green checks mean a node ran. Check the real result: the sheet, the inbox, the CRM.

Remember: Test with Execute step on real-looking data, check where the result lands, then Publish. Every change after that needs another Publish.

Practice it free: n8n: Call Any API with the HTTP Request Node at learn.ynteractive.com/modules/n8n-http-request-api. This sheet: learn.ynteractive.com/content/cheat-sheets/n8n-intermediate. Harbor Lane Marketing is a made-up business from the lesson. By Robert Breen, October 17, 2026.