

API Exploration Worksheet

1. Define Your Goal

What do you want to learn or automate about your theme?

Example: “Get a daily air quality reading for my city” or “Find two APIs that could combine into a useful workflow.”

2. API Identification

- API Name
- Base URL
- Documentation link
- Category/theme

3. Endpoint Testing

- Test GET endpoint
- status code
- Content-type
- Key response fields
- Example JSON snippet

4. Error Handling

- Invalid parameter test
- Rate limit test

5. Data Analysis

- What kind of data does this API provide?
- How frequently does it update?
- Which fields look most useful for automation?
- Any potential privacy or ethical concerns?

6. Integration Idea

- Combine with another API or data source
- How could this connect to a database (Web topic)
- What is your workflow idea?
- Output you'd like to see (text, image, chart, or alert)