

API INTEGRATION PROCESS:

1. Fetch Data from External API:

- We use **Axios** to send a **GET request** to the external API (<https://template-0-beta.vercel.app/api/product>) to fetch product data.

2. Sanity Data Insertion:

- After retrieving the product data, we loop through each product and use **Sanity's client** to create a new product entry in the **Sanity CMS**.
- The data for each product (such as `id`, `name`, `imagePath`, `price`, etc.) is mapped and inserted into the Sanity CMS under the `_type: 'product'`.

3. Error Handling:

- If the fetch or insertion fails, an error response is sent back with a status of `500` and a message indicating the failure.

4. Success Response:

- Once the data is successfully inserted, a success message with a `200` status is returned.

Conclusion:

This code serves as a basic example of integrating an external API to fetch product data and inserting it into Sanity CMS for storage and management.

Adjustments made to Schema's:

There is no adjustment made because,

My Schema for Product	Schema Provided	Reason

Product ID	Id	Not change for this
name	Name	same
image	image path	Better than mine
price	price	same
Stock quantity	Stock level	same
category	category	same
tags	is featured product	Better than mine
description	description	same
	discount percentage	Better than mine

Migration steps and tools used

Migration Steps:

1. Fetch data using **Axios** from the external API.
2. Map product fields to match Sanity schema.
3. Insert data into Sanity CMS using `client.create()`.

Tools Used:

- Axios (for fetching)
- Sanity Client (for insertion)