

DAY-3

To integrate APIs and migrate data into Sanity CMS, creating a functional marketplace backend while replicating real-world practices.

Steps accomplished :

- ① Understanding the provided API
Review documentation for key endpoints like product listings, categories, and order history.
- ② Validating and adjusting Schema
Compared the API data structure with the existing Sanity CMS Schema.
Adjusted fields names, types, and relationships for compatibility.
- ③ Data Migration
Utilized scripts to fetch and transform data from the API, ensuring seamless integration.
- ④ API Integration in Next.js
Created utility functions to handle API calls,
Rendered API data into components with robust error handling and modular coding.

Tested API endpoints using postman and browser developer tools to ensure data consistency.
Enhanced the user experience with skeleton loaders and fallback data.

Key Takaway:

- Learned how to handle API data transformations to align with custom schemas.
- Strengthened my skills in error handling and debugging during API integration.
- Improved my understanding of real-world backend and frontend workflows.



Comferty



+ Create

Structure Vision Schedules



DATASET	API VERSION	CUSTOM API VERSION	PERSPECTIVE	QUERY URL [COPY TO CLIPBOARD]
production	Other	v2025-01-01	raw	https://16cig573.api.sanity.io/v2025-01-01/data/query/production?q

QUERY

```
1 *[_type=="product"]
```

RESULT

```
[...] 19 items
  0: {...} 14 properties
    price: 40
    slug: 14
    image: {...} 2 properties
      _type: image
      asset: {...} 2 properties
        _ref: image-b120dd35afa230d9c7854e8904bffa459d920-1000x796-jpg
        _type: reference
      _type: product
      ratingCount: 765
      priceWithoutDiscount: 60
      name: simple chair
      _updatedAt: 2025-01-12T06:14:41Z
      _rev: sBbmt3aa2MSf4wtSrmCZYN
      _createdAt: 2025-01-10T10:18:29Z
      rating: 4
```

What's new

Sanity Create Content Mapping, Visual Editing, and Content Releases

PARAMS

```
1 {
2
```



Type here to search

+

Create

Search

StructureVisionSchedules


Content


Products


Categories

Categories

Search list

 Desk Chair

 Wooden Chair

 Wing Chair

Desk Chair


Categories

Desk Chair

Category Title

Desk Chair

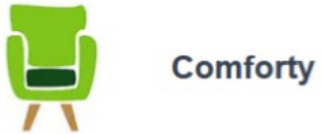
Category Image



Number of Products

What's new

Sanity Create Content Mapping, Visual Editing, and Content Releases



DATASET	API VERSION	CUSTOM API VERSION	PERSPECTIVE	QUERY URL [COPY TO CLIPBOARD]
production	Other	v2025-01-01	raw	https://16cig573.api.sanity.io/v2025-01-01/data/query/production?q

QUERY

```
1 *[_type=="categories"]
```

PARAMS

```
1 {
2
```

RESULT

```
[...] 3 items
  0: {...} 7 properties
    _createdAt: 2025-01-18T15:32:44Z
    _rev: rnb16y4e0BKBgYGF3Ly1ph
    _type: categories
    _id: 26fd7176-3c4d-40fc-a73a-3b85a9b5e15f
    title: Wing Chair
    _updatedAt: 2025-01-18T15:32:44Z
    image: {...} 2 properties
      _type: image
      asset: {...} 1 property
        _ref: image-c692eaf301809a24f99f9d89e60f5fffb51b27925-424x424-png
  1: {...} 7 properties
    image: {...} 2 properties
      asset: {...} 1 property
        _ref: image-7735c535ae00fab5698283be6e398fed22b82126-424x424-png
```

S

+ Create

Q

Content

Products

Categories

What's new

Sanity Create Content Mapping, Visual Editing, and Content Releases

Products

Search list

Ivory Charm

Gray Elegance

Nordic Spin

Scandi Dip Set

Modern Cozy

Library Stool Chair

SleekSpin

Rose Luxe Armchair

Citrus Edge

Scandi Dip Set

Modern Cozy

Structure

Vision

Schedules

Rose Luxe Armchair

Products

Rose Luxe Armchair

Product Title

Rose Luxe Armchair

Price

20

Price without Discount

30

Badge

Sales

Add comment