

NAME: FIZA ASIF

HACKATHON DAY 03

ROLLNO:00046509

API INTEGRATION & DATA MIGRATION

```
C:\Windows\System32\cmd.exe
> create-sanity

The Sanity CLI now collects telemetry data on general usage and errors.
This helps us improve Sanity and prioritize features.

To opt in/out, run npx sanity telemetry enable/disable.

Learn more here:
https://www.sanity.io/telemetry

[?] No authentication credentials found in your Sanity config
[?] Please log in or create a new account Google
Opening browser at https://api.sanity.io/v1/auth/login/google?type=token&label=Fiza-Sagar+%2F+Windows&origin=http%3A%2F%2Flocalhost%3A4321%2Fcallback
[?] Login successful
[?] Fetching existing projects
[?] Project name: day3api
Your content will be stored in a dataset that can be public or private, depending on
whether you want to query your content with or without authentication.
The default dataset configuration has a public dataset named "production".
[?] Use the default dataset configuration? Yes

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.

Success! Your Sanity configuration files has been added to this project
```

DA

fiza sagar

day3api

PLAN

Growth Trial

STATUS

Active

PROJECT ID

u0vf7oxh

Getting started

Overview

Members

Studios

Datasets

Access

Activity

Usage

Plan

API

Settings

Webhooks

CORS origins

Tokens

GROQ-powered webhooks

HTTP callbacks to a given URL triggered by changes in your content lake

[Learn more about webhooks](#)

+ Create webhook

0 of 2 webhooks
(2 included in plan)

Get more webhooks

Webhooks

CORS origins

Tokens

CORS origins

Hosts that can connect to the project API.

ORIGIN	CREDENTIALS	CREATED	
http://localhost:3000	Allowed	24 minutes	
http://localhost:3333	Allowed	27 minutes	

+ Add CORS origin

←

→

↺

https://www.sanity.io/manage/personal/project/u0vf7oxh/api

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fiza sagar

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day3api

↕

⚡ 30 days left in trial

🕒

👤

🚀 Getting started

📊 Overview

👤 Members

📁 Studios

📁 Datasets

🔑 Access

📈 Activity

📉 Usage

⚡ Plan

🔗 API

⚙️ Settings

Webhooks

CORS origins

Tokens

Tokens

Tokens are used to authenticate apps and scripts to access project data.

Name

Examples: "Employee import", "Website preview" or "PDF generator".

daythree

Permissions

Choose the access privileges for the token.

Contributor

☐ Read and write access to draft content within all datasets, with no access to project settings. (Tokens: read+write drafts)

☐ Deploy Studio (Token only)

Access to deploy Sanity Studio and GraphQL APIs to our hosted service.

Developer

☒ Read and write access to all datasets, with access to project settings for developers. (Tokens: read+write)

Editor

S

fiza sagar

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day3api

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⚡ 30 days left in trial

🕒

👤

🚀 Getting started

📊 Overview

👤 Members

📁 Studios

📁 Datasets

🔑 Access

📈 Activity

📉 Usage

⚡ Plan

🔗 API

⚙️ Settings

Webhooks

CORS origins

Tokens

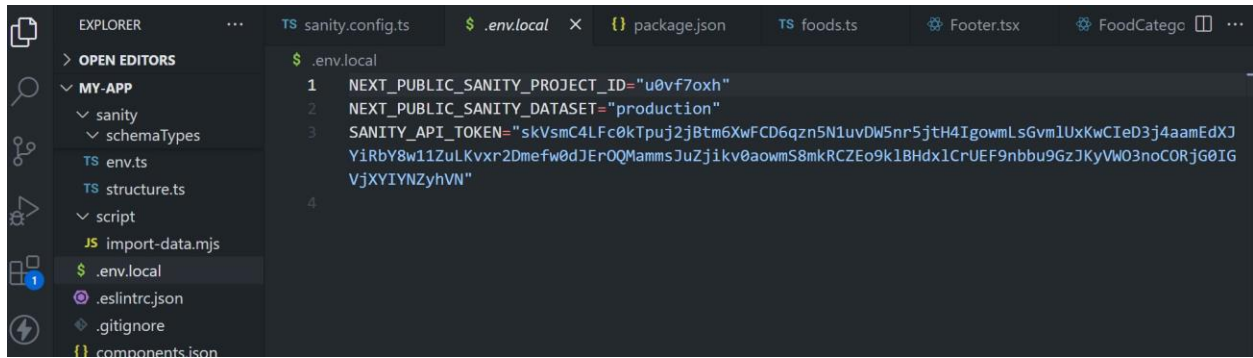
Tokens

Tokens are used to authenticate apps and scripts to access project data.

NAME	PERMISSIONS	CREATED
daythree	Developer	1 minute

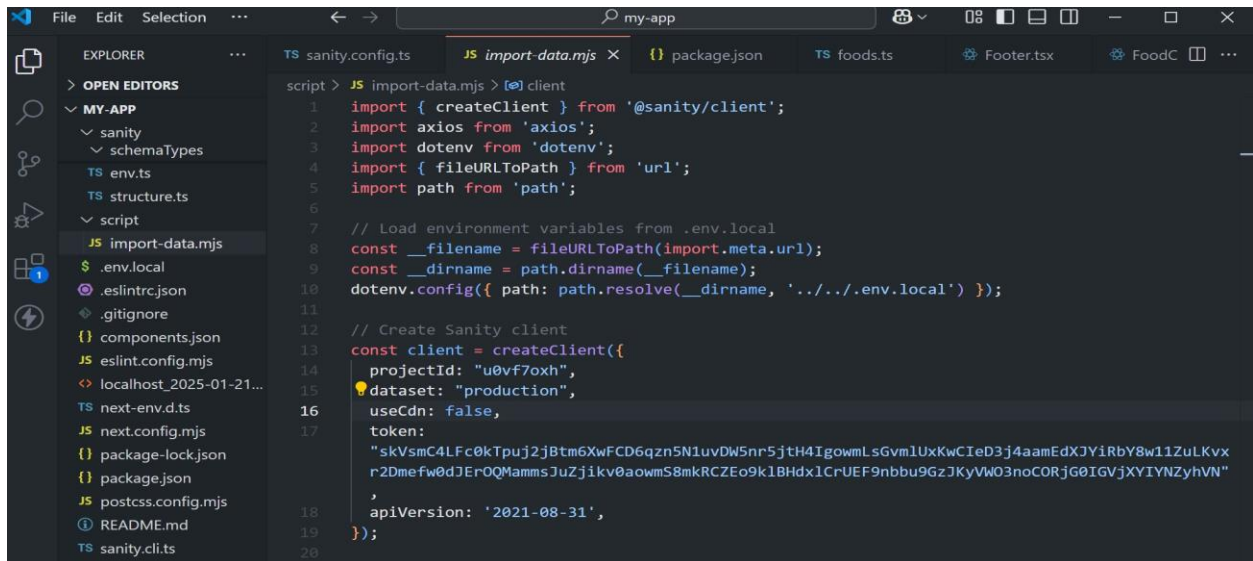
Copy the token below – this is your only chance to do so!

skVsmC4LFc0kTpuj2jBtm6XwFCD6qzn5N1uvDW5nr5jtH4IgowmLsGvm1UxKwCieD03j4aamEdXJYiRbY8w11ZuLKvxr2Dmefw0dJEr0QMammsJuZjikv0aowmS8mkRCZEo9k1BHdx1CrUEF9nbbu9GzJKyVW03noCORjG0IGVjXYIYNZyhVN



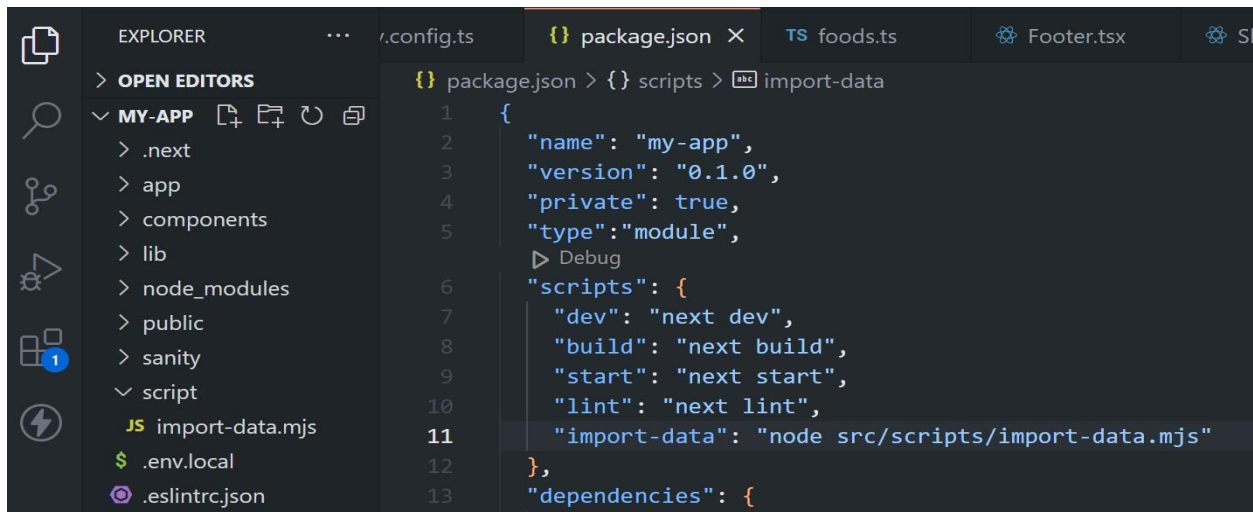
This screenshot shows the VS Code interface with the Explorer sidebar on the left displaying the project structure. The Explorer shows folders for 'MY-APP' (sanity, schemaTypes) and 'script' (import-data.mjs). The file '.env.local' is selected and its content is displayed in the main editor area.

```
$.env.local
1 NEXT_PUBLIC_SANITY_PROJECT_ID="u0vf7oxh"
2 NEXT_PUBLIC_SANITY_DATASET="production"
3 SANITY_API_TOKEN="skVsmC4LfC0kTpuj2jBtm6XwFCD6qzn5N1uvDW5nr5jtH4IgowmLsGvm1UxKwCIeD3j4aamEdXJYiRbY8w11ZuLKvxr2Dmefw0dJErOQMammsJuZjIkv0aowmS8mkRCZEo9k1BHdx1CrUEF9nbu9GzJKyVW03noCORjG0IGVjXYIYNZyhVN"
4
```



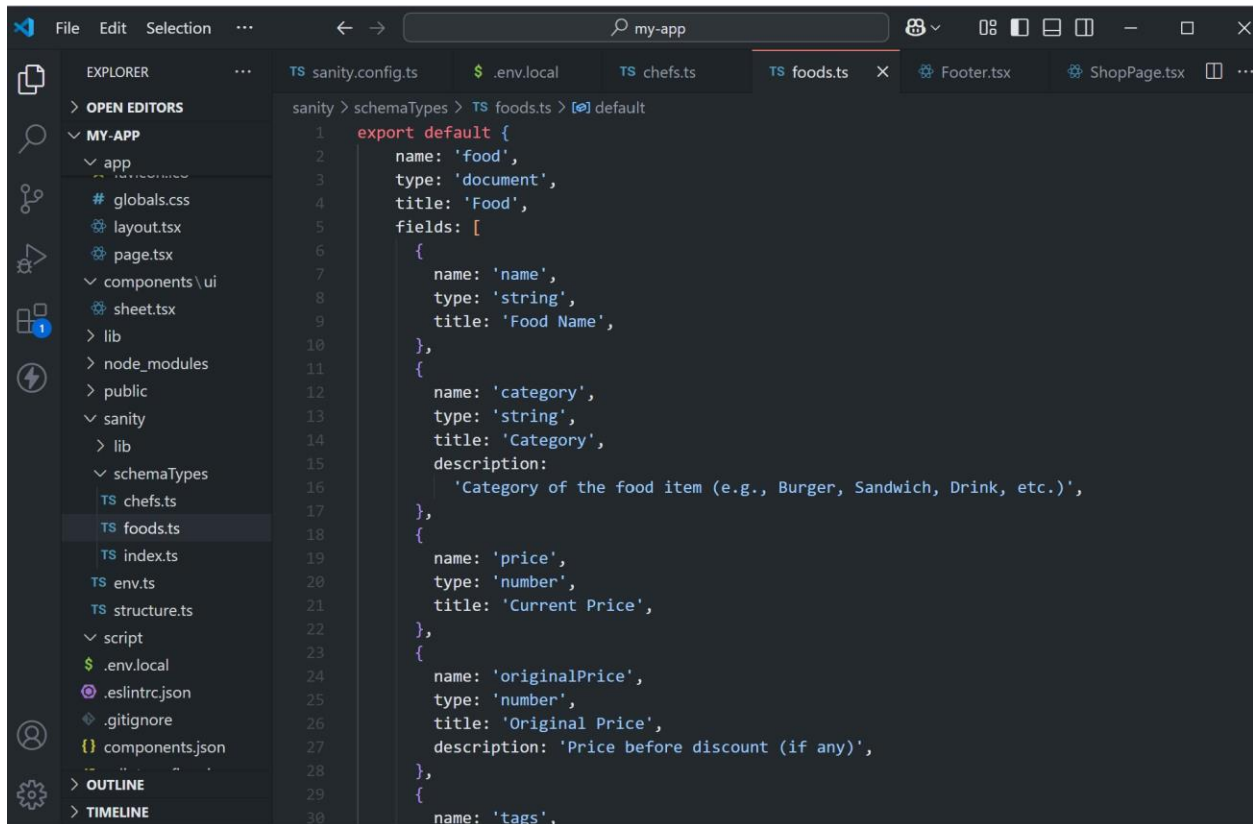
This screenshot shows the VS Code interface with the Explorer sidebar on the left. The file 'import-data.mjs' is selected in the Explorer and its content is displayed in the main editor area. The code imports the 'createClient' function from '@sanity/client', axios, dotenv, and fileURLToPath. It then loads environment variables from '.env.local' and creates a Sanity client with the configuration from the environment variables.

```
script > JS import-data.mjs > client
1 import { createClient } from '@sanity/client';
2 import axios from 'axios';
3 import dotenv from 'dotenv';
4 import { fileURLToPath } from 'url';
5 import path from 'path';
6
7 // Load environment variables from .env.local
8 const __filename = fileURLToPath(import.meta.url);
9 const __dirname = path.dirname(__filename);
10 dotenv.config({ path: path.resolve(__dirname, '../.env.local') });
11
12 // Create Sanity client
13 const client = createClient({
14   projectId: "u0vf7oxh",
15   dataset: "production",
16   useCdn: false,
17   token:
18     "skVsmC4LfC0kTpuj2jBtm6XwFCD6qzn5N1uvDW5nr5jtH4IgowmLsGvm1UxKwCIeD3j4aamEdXJYiRbY8w11ZuLKvxr2Dmefw0dJErOQMammsJuZjIkv0aowmS8mkRCZEo9k1BHdx1CrUEF9nbu9GzJKyVW03noCORjG0IGVjXYIYNZyhVN"
19 },
20   apiVersion: '2021-08-31',
21 });
```

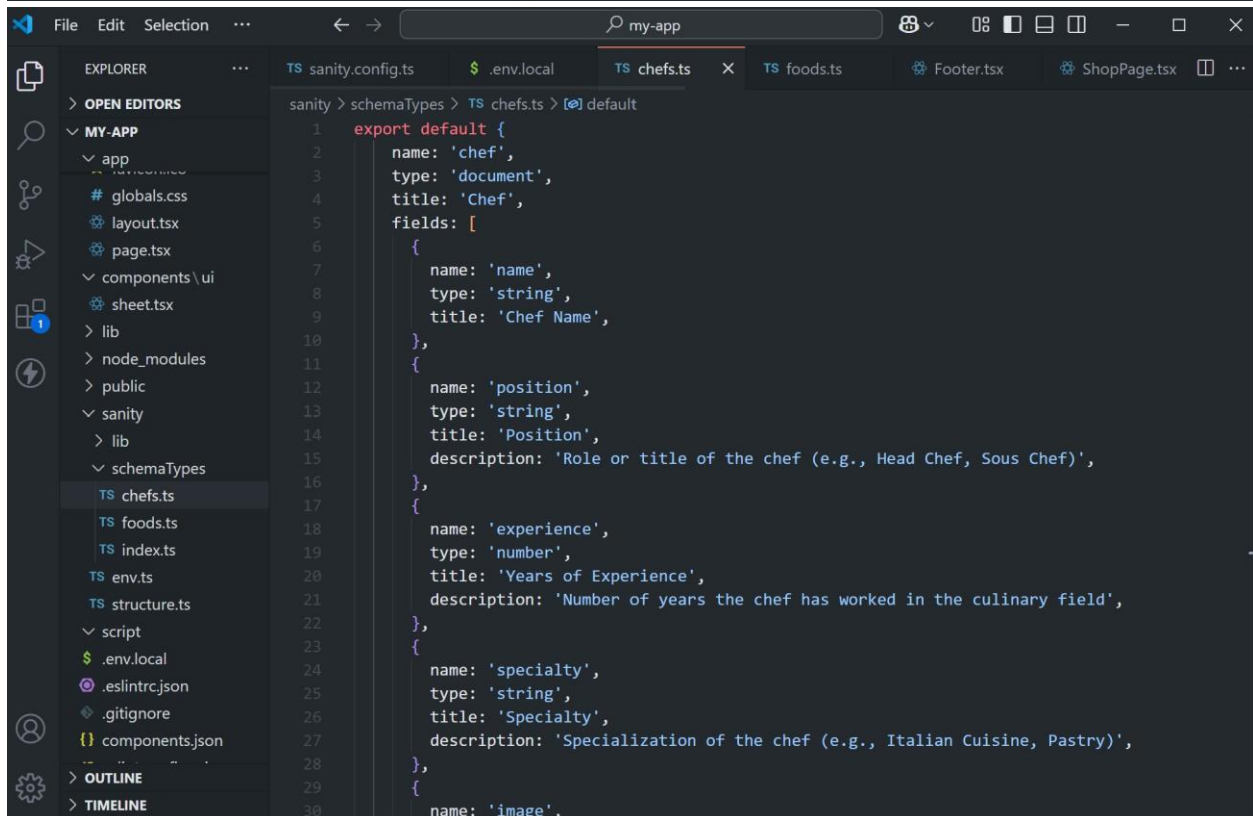


This screenshot shows the VS Code interface with the Explorer sidebar on the left. The file 'package.json' is selected in the Explorer and its content is displayed in the main editor area. The package.json file defines the project name as 'my-app', version as '0.1.0', and includes scripts for 'dev', 'build', 'start', 'lint', and 'import-data'.

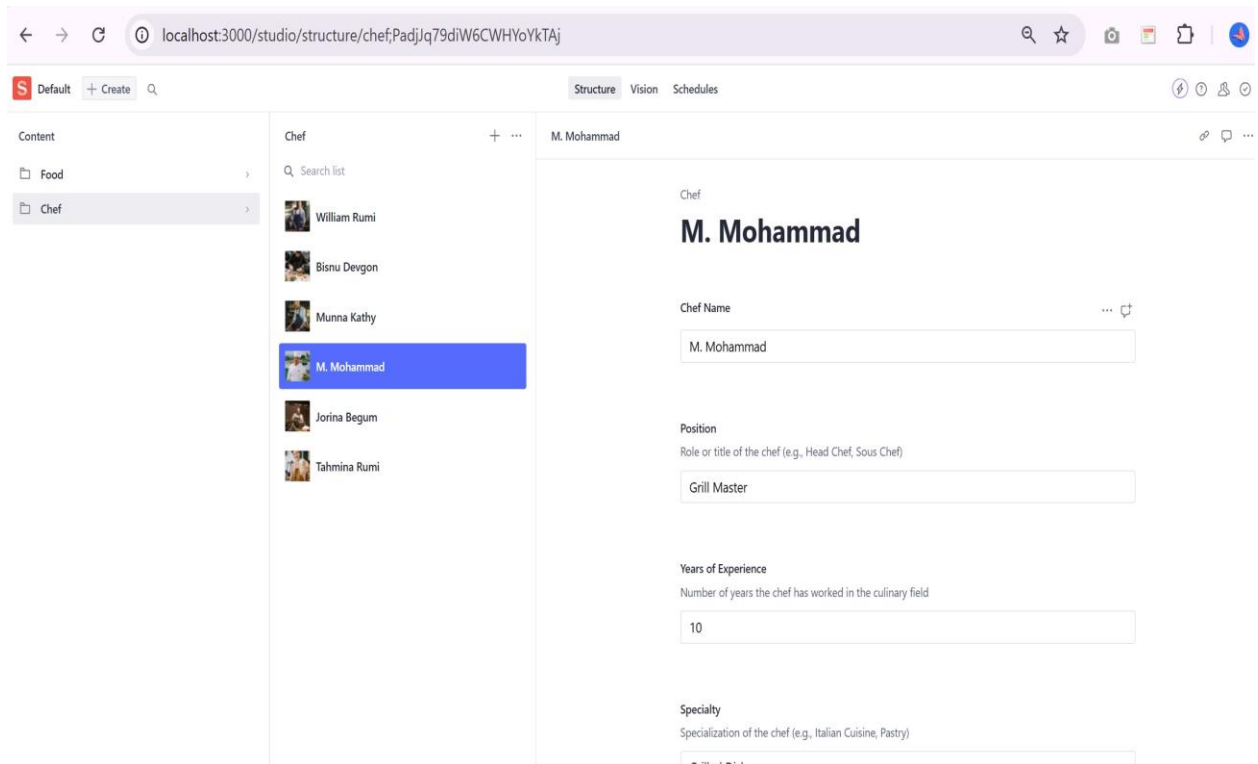
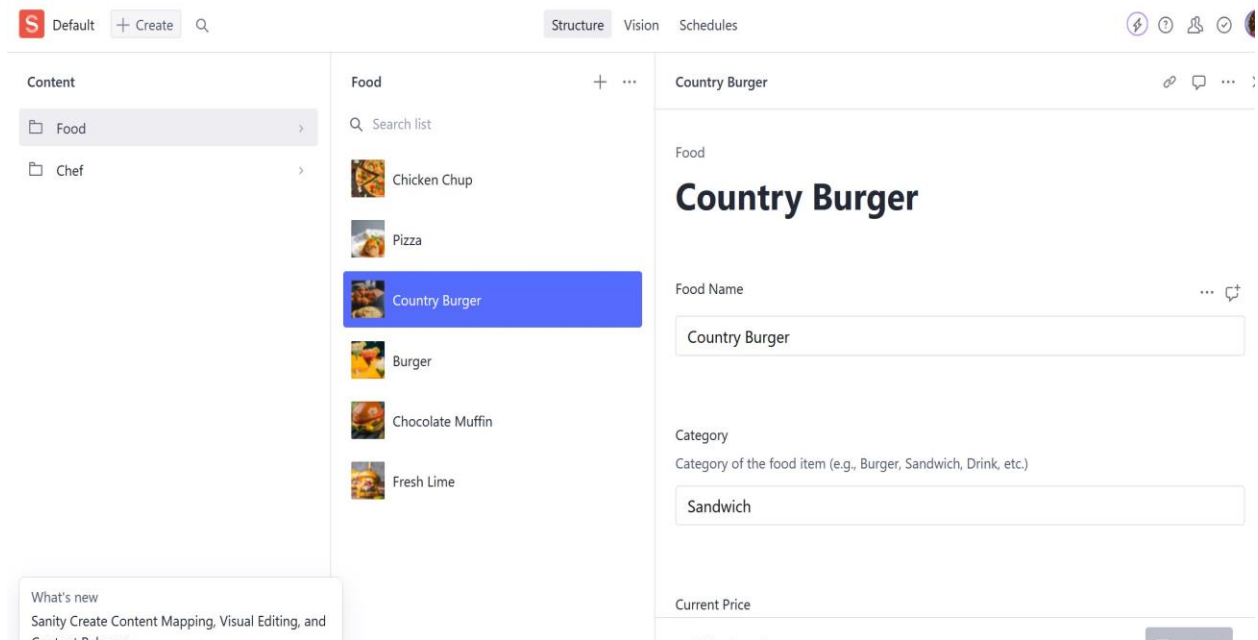
```
{
  "name": "my-app",
  "version": "0.1.0",
  "private": true,
  "type": "module",
  "scripts": {
    "dev": "next dev",
    "build": "next build",
    "start": "next start",
    "lint": "next lint",
    "import-data": "node src/scripts/import-data.mjs"
  },
  "dependencies": {
```



```
1 export default {
2   name: 'food',
3   type: 'document',
4   title: 'Food',
5   fields: [
6     {
7       name: 'name',
8       type: 'string',
9       title: 'Food Name',
10    },
11    {
12      name: 'category',
13      type: 'string',
14      title: 'Category',
15      description:
16        'Category of the food item (e.g., Burger, Sandwich, Drink, etc.)',
17    },
18    {
19      name: 'price',
20      type: 'number',
21      title: 'Current Price',
22    },
23    {
24      name: 'originalPrice',
25      type: 'number',
26      title: 'Original Price',
27      description: 'Price before discount (if any)',
28    },
29    {
30      name: 'tags',
31    }
32  ]
33 }
```



```
1 export default {
2   name: 'chef',
3   type: 'document',
4   title: 'Chef',
5   fields: [
6     {
7       name: 'name',
8       type: 'string',
9       title: 'Chef Name',
10    },
11    {
12      name: 'position',
13      type: 'string',
14      title: 'Position',
15      description: 'Role or title of the chef (e.g., Head Chef, Sous Chef)',
16    },
17    {
18      name: 'experience',
19      type: 'number',
20      title: 'Years of Experience',
21      description: 'Number of years the chef has worked in the culinary field',
22    },
23    {
24      name: 'specialty',
25      type: 'string',
26      title: 'Specialty',
27      description: 'Specialization of the chef (e.g., Italian Cuisine, Pastry)',
28    },
29    {
30      name: 'image',
31    }
32  ]
33 }
```



localhost:3000/studio/vision

Default + Create Q Structure Vision Schedules

DATASET: production API VERSION: Other CUSTOM API VERSION: v2025-01-21 PERSPECTIVE: raw QUERY URL (COPY TO CLIPBOARD): https://u0vf7oxh.api.sanity.io/v2025-01-21/data/qu

QUERY

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

PARAMS

```
1 {  
2  
3 }
```

RESULT

```
[...] 6 items  
  0: {...} 13 properties  
    available: true  
    description: Soft and rich chocolate muffin topped with chocolate chips.  
    tags: [...] 2 items  
      0: Sell  
      1: Sweet  
    price: 28  
    _createdAt: 2025-01-21T20:35:14Z  
    _id: 4GgGIux0xATsSidIhnsrXv  
    category: Dessert  
    image: {...} 2 properties  
      _type: image  
      asset: {...} 2 properties  
        _ref: image-2392122ad0508b5c890aebd8ca36436c214fd7db-1248x1068-png  
        _type: reference  
      _rev: 4GgGIux0xATsSidIhnsrV1  
      _type: food  
      name: Chocolate Muffin  
      _updatedAt: 2025-01-21T20:35:14Z  
      originalPrice: 30  
  1: {...} 13 properties
```

Fetch Listen Execution: 2ms End-to-end: 671ms Save result

localhost:3000/studio/vision

Default + Create Q Structure Vision Schedules

DATASET: production API VERSION: Other CUSTOM API VERSION: v2025-01-21 PERSPECTIVE: raw QUERY URL (COPY TO CLIPBOARD): https://u0vf7oxh.api.sanity.io/v2025-01-21/data/q

QUERY

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

PARAMS

```
1 {  
2  
3 }
```

RESULT

```
[...] 6 items  
  0: {...} 12 properties  
    _createdAt: 2025-01-21T20:35:41Z  
    _rev: 4GgGIux0xATsSidIhnt0RX  
    available: true  
    name: Tahmina Rumi  
    image: {...} 2 properties  
      _type: image  
      asset: {...} 2 properties  
        _ref: image-62f6ba8dd16f1b27ea593b692ee692bfb8eb860c-1248x1517-png  
        _type: reference  
      _type: chef  
      description: Expert in crafting authentic Italian dishes and pastries.  
      _id: 4GgGIux0xATsSidIhnt0UR  
      position: Head Chef  
      experience: 12  
      _updatedAt: 2025-01-21T20:35:41Z  
      specialty: Italian Cuisine  
  1: {...} 12 properties  
    image: {...} 2 properties  
      _type: image  
      asset: {...} 2 properties
```

Fetch Listen Execution: 3ms End-to-end: 3899ms Save result

Bisnu Devgon - Specialty: Global Cuisine



Position: Executive Chef

Experience: 20 years

Description: Expert in international cuisines and menu planning.

[Available for Work](#)

Country Burger - Category: Sandwich



Tags: Recommended

Price: \$45.00

Original Price: ~~\$50.00~~

Description: Classic country-style burger served with fries.

[Available Now](#)