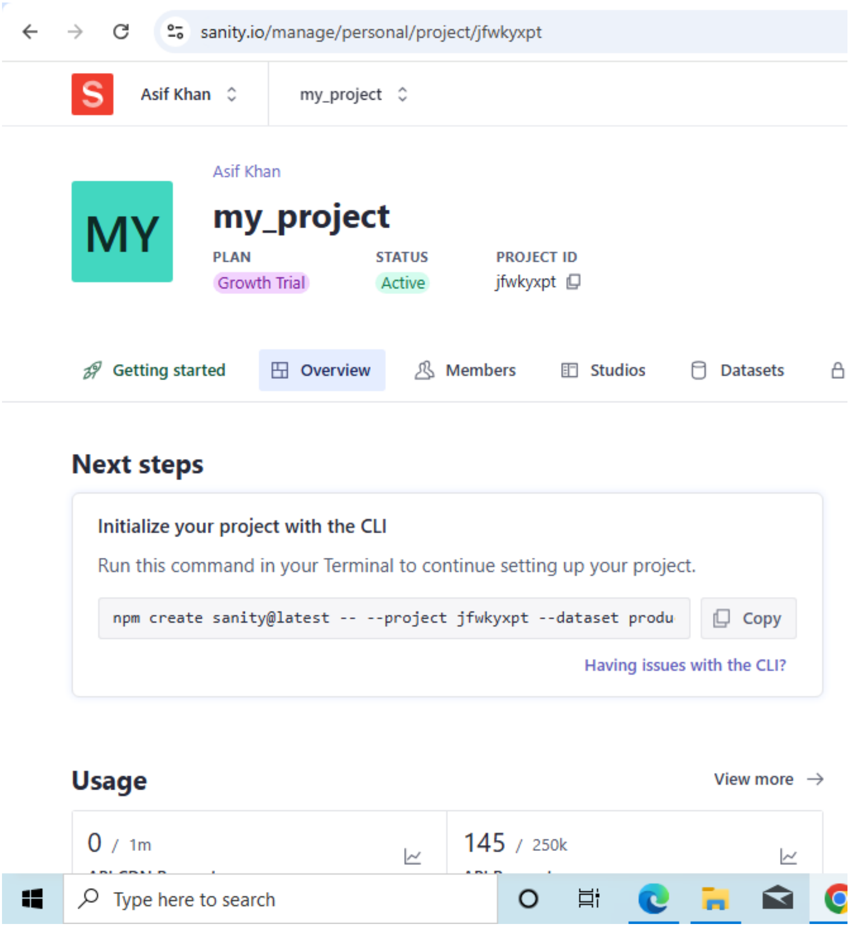
Day 3 Activities

API INTEGRATION AND MIGRATION

STEP 1

API INTEFGRATION:

- Create nextjs project [npx create-next-app@14.2.2]
- Create Sanity project from sanity io
- Overview copy sanity command
- Paste overview sanity command on nextjs terminal then run command



my_project

PLAN: Growth Trial

STATUS: Active

PROJECT ID: jfwkyxpt

Next steps

Initialize your project with the CLI

Run this command in your Terminal to continue setting up your project.

```
npm create sanity@latest -- --project jfwkyxpt --dataset produ
```

Usage

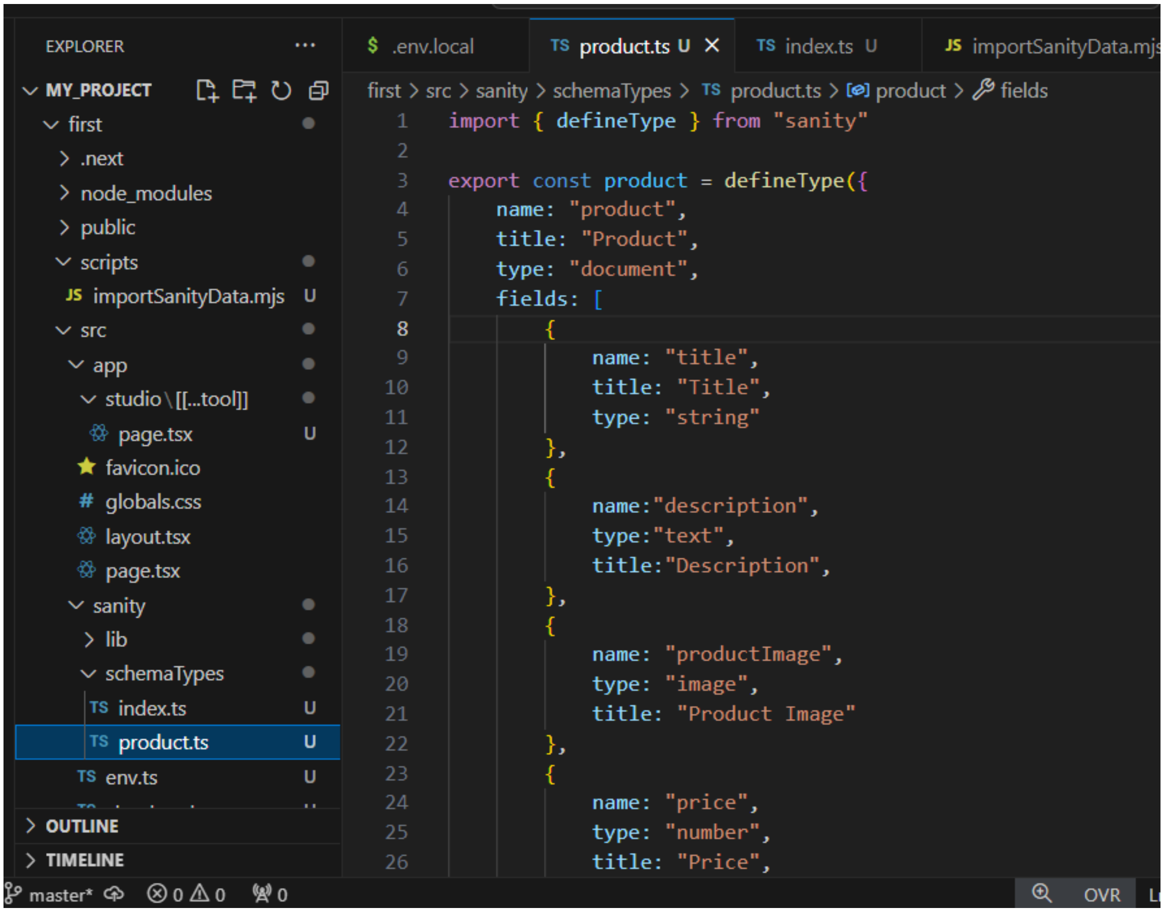
0 / 1m

145 / 250k

STEP 2

- Copy schema from schema link according temlate

- Sanity → Schematype → create file product.ts → paste schema → Import file [product.ts]

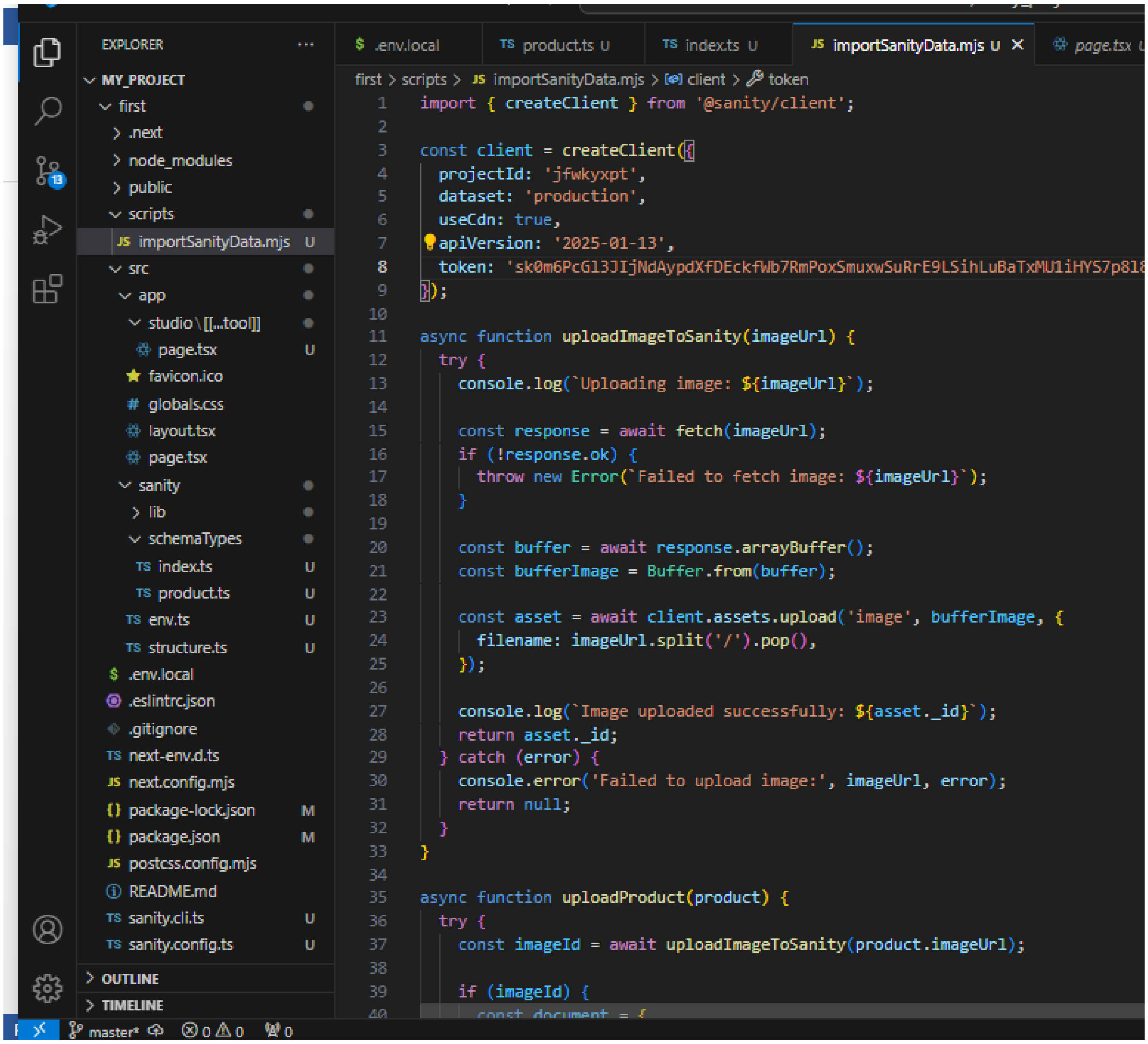


```
import { defineType } from "sanity"

export const product = defineType({
    name: "product",
    title: "Product",
    type: "document",
    fields: [
        {
            name: "title",
            title: "Title",
            type: "string"
        },
        {
            name:"description",
            type:"text",
            title:"Description",
        },
        {
            name: "productImage",
            type: "image",
            title: "Product Image"
        },
        {
            name: "price",
            type: "number",
            title: "Price",
```

STEP 3

- Create folder [scripts] then create file[importSanityData.mjs]

- Copy code from migration link and paste file[importSanityData.mjs]

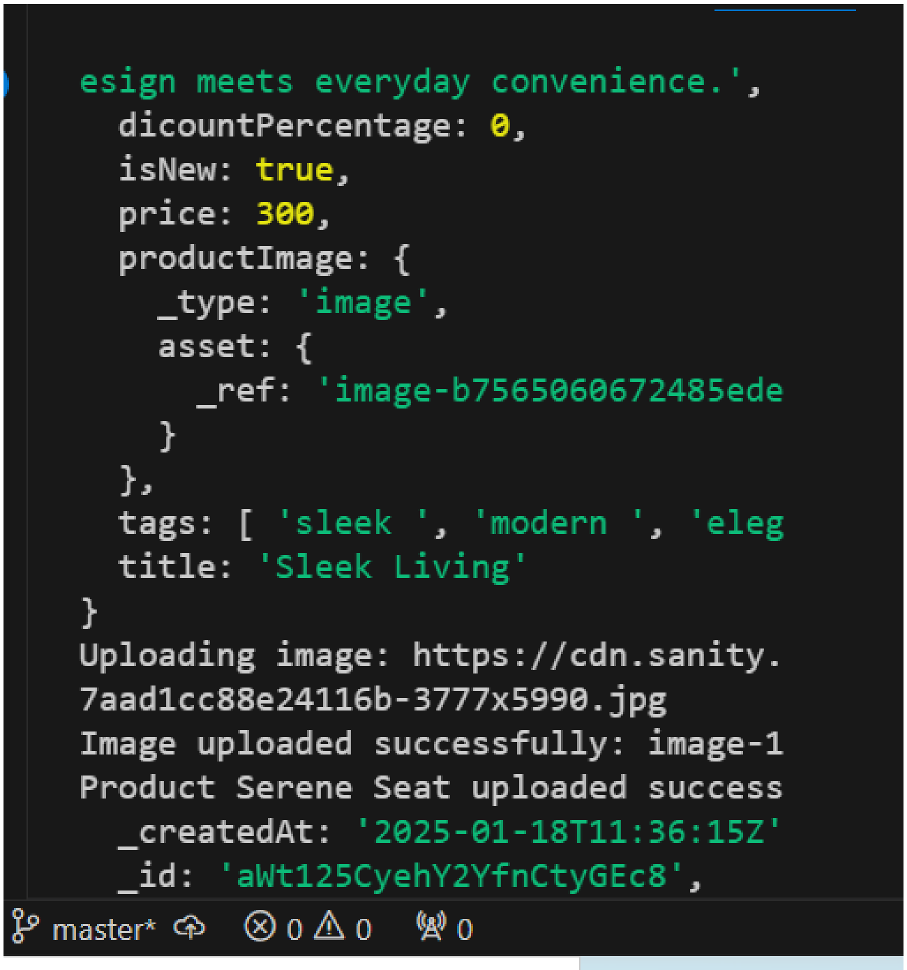


```
import { createClient } from '@sanity/client';

const client = createClient({
  projectId: 'jfwkyxpt',
  dataset: 'production',
  useCdn: true,
  apiVersion: '2025-01-13',
  token: 'sk0m6PcG13JIjNdAypdXfDEckfWb7RmPoxSmuxwSuRrE9LSihLuBaTxMU1iHYS7p818
});

async function uploadImageToSanity(imageUrl) {
  try {
    console.log(`Uploading image: ${imageUrl}`);

    const response = await fetch(imageUrl);
    if (!response.ok) {
      throw new Error(`Failed to fetch image: ${imageUrl}`);
    }

    const buffer = await response.arrayBuffer();
    const bufferImage = Buffer.from(buffer);

    const asset = await client.assets.upload('image', bufferImage, {
      filename: imageUrl.split('/').pop(),
    });

    console.log(`Image uploaded successfully: ${asset._id}`);
    return asset._id;
  } catch (error) {
    console.error('Failed to upload image:', imageUrl, error);
    return null;
  }
}

async function uploadProduct(product) {
  try {
    const imageId = await uploadImageToSanity(product.imageUrl);

    if (imageId) {
      const document = {
```

STEP 4

- Add one one in [package.json] "import-data": "node scripts/importSanityData.mjs"

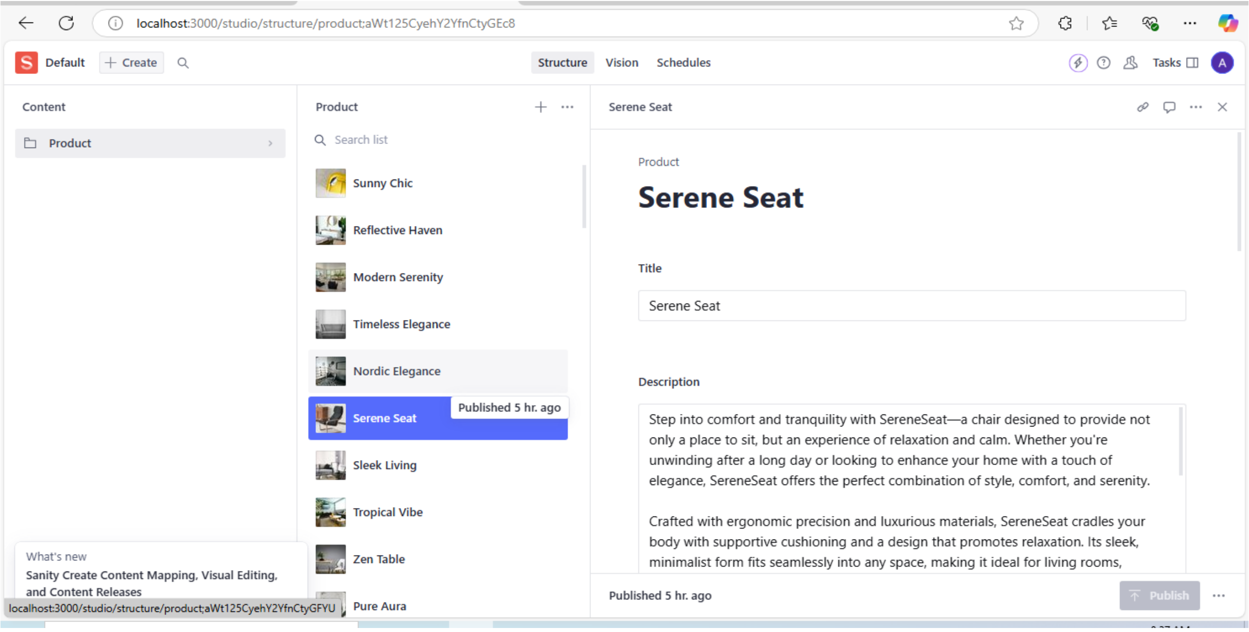
- Then command run [npm run import-data]
- Response this



```
esign meets everyday convenience.',
  dicountPercentage: 0,
  isNew: true,
  price: 300,
  productImage: {
    _type: 'image',
    asset: {
      _ref: 'image-b7565060672485ede
    }
  },
  tags: [ 'sleek ', 'modern ', 'eleg
  title: 'Sleek Living'
}
Uploading image: https://cdn.sanity.
7aad1cc88e24116b-3777x5990.jpg
Image uploaded successfully: image-1
Product Serene Seat uploaded success
  _createdAt: '2025-01-18T11:36:15Z'
  _id: 'aWt125CyehY2YfnCtyGEc8',
```

STEP 5

Successfully Fetch



Product

Serene Seat

Title

Serene Seat

Description

Step into comfort and tranquility with SereneSeat—a chair designed to provide not only a place to sit, but an experience of relaxation and calm. Whether you're unwinding after a long day or looking to enhance your home with a touch of elegance, SereneSeat offers the perfect combination of style, comfort, and serenity.

Crafted with ergonomic precision and luxurious materials, SereneSeat cradles your body with supportive cushioning and a design that promotes relaxation. Its sleek, minimalist form fits seamlessly into any space, making it ideal for living rooms,