"DAY 3-API Integration Report-[Nike Ecommerce] "

. Create Sanity Project:

. Successfully Create:

.Add API Token:

SchemaType File Code:

. Changes In package.json:

Create data-migration.mjs file:

```
OPEN EDITORS
  Footer.tsx  src\co...
  page.tsx  src\app
  $ .env.local
  TS product.tsx  src\sa...
  TS index.ts  src\sanit...
✕ JS data-migration....
  {} package.json
  tsconfig.json
  Essentials.tsx  src...
HACKATHON
  public
    sec5.svg
    Techknit.png
    up.svg
    vercel.svg
    white.png
    white2.png
    window.svg
    women4.svg
  scripts
    JS data-migration.mjs
  src
    app
      (auth)
        Login
          page.tsx
        Sign
          page.tsx
      cart
        page.tsx
OUTLINE
TIMELINE
```

scripts > JS data-migration.mjs > [∅] client

```javascript
 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: process.env.NEXT_PUBLIC_SANITY_PROJECT_ID,
15    dataset: process.env.NEXT_PUBLIC_SANITY_DATASET,
16    useCdn: false,
17    token: process.env.SANITY_API_TOKEN,
18    apiVersion: '2021-08-31'
19  });
20
21
22  async function uploadImageToSanity(imageUrl) {
23    try {
24      console.log(`Uploading image: ${imageUrl}`);
25      const response = await axios.get(imageUrl, { responseType: 'arraybuffer' });
26      const buffer = Buffer.from(response.data);
27      const asset = await client.assets.upload('image', buffer, {
28        filename: imageUrl.split('/').pop()
29      });
30      console.log(`Image uploaded successfully: ${asset._id}`);
31      return asset._id;
32    } catch (error) {
33      console.error('Failed to upload image:', imageUrl, error);
34      return null;
35    }
36  }
```

Debug this code | Explain this function to me | Optimize this function's Speed | Generate Doc String | Generate Unit test

```javascript
38  async function importData() {
39    try {
40      console.log('migrating data please wait...');
41
42      // API endpoint containing car data
43      const response = await axios.get('https://template-03-api.vercel.app/api/products');
44      const products = response.data.data;
45      console.log("products ==>> ", products);
46
47
48      for (const product of products) {
49        let imageRef = null;
50        if (product.image) {
51          imageRef = await uploadImageToSanity(product.image);
52        }
53
54        const sanityProduct = {
55          _type: 'product',
56          productName: product.productName,
57          category: product.category,
58          price: product.price,
59          inventory: product.inventory,
60          colors: product.colors || [], // Optional, as per your schema
61          status: product.status,
62          description: product.description,
63          image: imageRef ? {
64            _type: 'image',
65            asset: {
66              _type: 'reference',
67              _ref: imageRef,
68            },
69          } : undefined,
70        };
71
```

```javascript
      await client.create(sanityProduct);
    }

    console.log('Data migrated successfully!');
  } catch (error) {
    console.error('Error in migrating data ==>> ', error);
  }
}

importData();
```

Product

Search list

Nike Waffle One SE

Nike Metcon 8

Nike Blazer Mid '77 Vintage

Nike Renew Run 3

Nike Zoom Fly 5

Nike Pegasus 40

Nike Air Max 270

Nike Court Vision Low

Nike Dri-FIT UV Hyverse

Nike Dunk Low Retro SE

Nike Waffle One SE

Product

Nike Waffle One SE

Product Name

Nike Waffle One SE

Category

Women's Shoes

Price

7895

Inventory

Nike Waffle One SE

Pink

+ Add item

Status

Just In

Image

Activate Windows
Go to Settings to activate Windows.

Description

The Nike Waffle One SE updates a retro classic with fresh details. Its lightweight mesh, suede accents, and signature waffle sole combine style and performance in one standout shoe.

.Add QUERY:

. Successfully Fetch Product Data:

Products From API's Data

The Nike Dunk Low Retro SE brings vintage vibes with a modern twist. Featuring premium materials and...

$9695

Add To Cart

The Nike Court Vision Low blends basketball-inspired style with everyday comfort. Featuring a sleek ...

$5695

Add To Cart

The Nike Air Max 270 features the largest Air unit yet for exceptional cushioning. Its bold design, ...
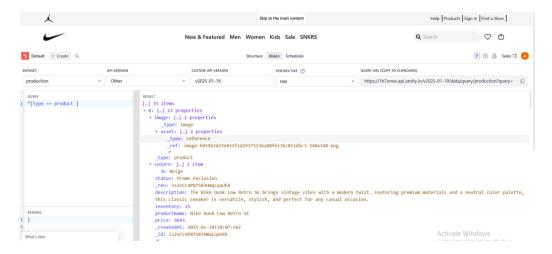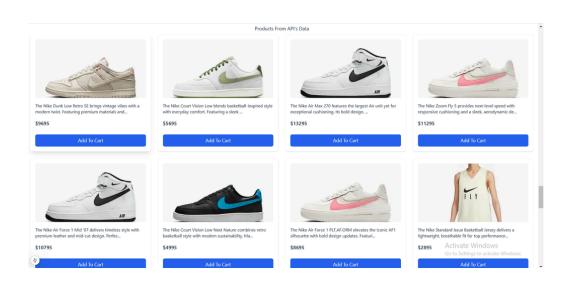
$13295

Add To Cart

The Nike Zoom Fly 5 provides next-level speed with responsive cushioning and a sleek, aerodynamic de...

$11295

Add To Cart

The Nike Air Force 1 Mid '07 delivers timeless style with premium leather and mid-cut design. Perfec...

$10795

Add To Cart

The Nike Court Vision Low Next Nature combines retro basketball style with modern sustainability. Ma...

$4995

Add To Cart

The Nike Air Force 1 PLT.AF.ORM elevates the iconic AF1 silhouette with bold design updates. Featuri...

$8695

Add To Cart

The Nike Standard Issue Basketball Jersey delivers a lightweight, breathable fit for top performance...

$2895

Add To Cart

Cart Summary

$2495.00

$9695.00

$5695.00

$2895.00

$2495.00