

"Day 3 - API Integration Report - E-commerce"

- Api Integration
- Schemas

```
export const productSchema = {  
  name: 'product',  
  title: 'Product',  
  type: 'document',  
  fields: [  
    {  
      name: 'productName',  
      title: 'Product Name',  
      type: 'string',  
    },  
    {  
      name: 'slug',  
      type: 'slug',  
      title: 'slug',  
      options: {  
        source: 'productName'  
      }  
    },  
    {  
      name: 'category',  
      title: 'Category',  
      type: 'string',  
    },  
  ],  
}
```

- Migration.
- API calls

```
async function uploadImageToSanity(imageUrl) {
  try {
    console.log(`Uploading image: ${imageUrl}`);
    const response = await axios.get(imageUrl, { responseType: 'arraybuffer' });
    const buffer = Buffer.from(response.data);
    const asset = await client.assets.upload('image', buffer, {
      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 importData() {
  try {
    console.log('migrating data please wait...');

    // API endpoint containing car data
    const response = await axios.get('https://template-03-api.vercel.app/api/products');
    const products = response.data.data;
    console.log("products ==>> ", products);
  }
}
```

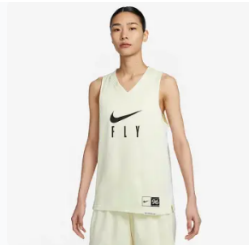
Data Successfully Deployment on the frontend



Nike Blazer Mid '77 Vintage1

\$8495

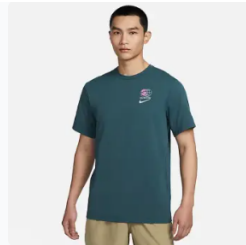
\$The Nike Blazer Mid '77 Vintage brings old-school basketball style to modern fashion. With a high-top design and premium leather, it delivers unmatched versatility and a timeless look.



Nike Metcon 8

\$10295

\$The Nike Metcon 8 is built for intense training sessions. Featuring a stable base, durable materials, and excellent traction, it's the perfect companion for weightlifting, CrossFit, or HIIT workouts.



Nike Dri-FIT UV Hyverse

\$2495

\$The Nike Dri-FIT UV Hyverse graphic top offers comfort and UV protection in style. Made from soft, breathable fabric, this fitness top keeps you cool and dry during workouts or casual outings.



Nike Court Vision Low

\$5695

\$The Nike Court Vision Low blends basketball-inspired style with everyday comfort. Featuring a sleek design and durable materials, this versatile shoe is perfect for any casual wardrobe.

- **Populated Product Data from Sanity CMS"**



Nike Standard Issue Basketball Jersey¹

\$2895

The Nike Standard Issue Basketball Jersey delivers a lightweight, breathable fit for top performance. Designed for athletes, it combines style and functionality to keep you cool and comfortable on and off the court.

- **Integration migration data script.**

```
// Function to fetch the product details by slug
async function getProduct(slug: string): Promise<Product | null> {
  return client.fetch(
    groq`*[_type == "product" && slug.current == $slug][0] {
      _id,
      productName,
      _type,
      image,
      price,
      description
    }`,
    { slug }
  );
}
```