

# Code Snippets of migration script

## Client configuration:

```
// Configure Sanity client
const client = createClient({
  projectId: process.env.NEXT_PUBLIC_SANITY_PROJECT_ID,
  dataset: process.env.NEXT_PUBLIC_SANITY_DATASET || "production",
  token: process.env.NEXT_PUBLIC_SANITY_TOKEN,
  apiVersion: process.env.NEXT_PUBLIC_SANITY_API_VERSION || "2024-01-01",
  useCdn: false,
});
```

## Uploading Images:

```
// Function to upload image to Sanity
async function uploadImageToSanity(imageUrl) {
  try {
    const response = await fetch(imageUrl);
    const buffer = await response.arrayBuffer();

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

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

## Migrating data:

```
// Main migration function
async function migrateToSanity() {
  try {
    // First, create or get the furniture category
    console.log('Setting up furniture category...');
    const categoryId = await createOrGetCategory('Furniture');

    const API_URL = "https://dummyjson.com/products/category/furniture";
    const response = await fetch(API_URL);
    const { products } = await response.json();

    for (const product of products) {
      console.log(`Processing product: ${product.title}`);

      // Upload thumbnail
      const thumbnailId = await uploadImageToSanity(product.thumbnail);

      // Upload additional images
      const imageAssets = await Promise.all(
        product.images.map(imageUrl => uploadImageToSanity(imageUrl))
      );

      // Prepare product document
      const sanityProduct = {
        _type: 'product',
        title: product.title,
        slug: {
          _type: 'slug',

```