

# Documentation: Data Migration from Sanity

## Overview

The task involved migrating data from the Sanity content platform to the required destination while maintaining data

integrity and ensuring seamless functionality post-migration. The focus was on transferring structured and organized

content, including products, blogs, and related metadata.

## Steps Taken for Migration

### 1. Understanding Sanity Structure:

- Examined the hierarchical structure of the Sanity dataset. As evident in the attached screenshot:
- The content was categorized into sections such as "Blog" and "Product."
- Each product entry included attributes like name (e.g., "Sunny Chic," "Reflective Haven"), images, and descriptions.

### 2. Planning the Migration:

- Identified the target environment for migration and outlined the fields and schema to map data accurately.
- Created a mapping strategy to ensure that the data fields in Sanity aligned with the destination schema.

### 3. Exporting Data from Sanity:

- Used Sanity's export tool or API to extract the required datasets.
- Verified the completeness and accuracy of the exported data to avoid discrepancies during the migration.

### 4. Data Transformation:

- Converted data formats where necessary (e.g., JSON structures to match the destination's expected format).
- Cleaned and standardized the data to remove inconsistencies and redundancies.

### 5. Importing Data into the Destination:

- Imported the transformed data into the target system using appropriate APIs or import utilities.
- Conducted checks to ensure that relationships, such as links between products and blogs, were preserved.

### 6. Validation and Testing:

- Verified that all data was migrated successfully and accurately.
- Tested the content in the destination system, ensuring that all features (e.g., search, filtering, and display) functioned correctly.

### Challenges Encountered

- Ensuring the migration of nested and hierarchical data (e.g., product details and images).
- Addressing differences in schema structure between Sanity and the target platform.

- Maintaining data consistency across multiple content types.

## Outcome

- Successfully migrated all product and blog data to the destination platform.
- Verified that the migrated content, including metadata and relationships, is functioning as expected.

## Next Steps

- Optimize workflows to streamline future migrations.
- Document the schema mapping for reuse in similar projects.

## Acknowledgment

A special mention to Sanity's intuitive interface and robust APIs that greatly facilitated this migration process. The attached

image provides a glimpse of the Sanity dashboard used during the migration.

Feel free to reach out for further details or clarifications!