

DAY 3 - API INTEGRATION AND DATA MIGRATION

Step-1:

Understand the Provided API:

The template which was given to me according to my roll no was 0 . And in zero no template the data type was as follows

Template 0 - Sir Ahmed Raza and Bilal Fareed

- https://docs.google.com/document/d/1tAtl-WtSByA7XbgxbvhtJq40d_IsfOBtcivmLLao06g/edit?usp=sharing

The data was as follows

```
[
  {
    "id": "1",
    "name": "Chair Wibe",
    "imagePath": "https://plus.unsplash.com/premium_photo-1668073439372-2ceafa1222b7?q=80&w=1887&auto=format&fit=crop&ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVuFDB8fHx8fA%3D%3D",
    "price": "1200",
    "description": "A sleek outdoor chair with natural wooden elements and a modern look.",
    "discountPercentage": 10,
    "isFeaturedProduct": true,
    "stockLevel": 25,
    "category": "Chair"
  },
  {
    "id": "2",
    "name": "Armchair Chair Set",
    "imagePath": "https://plus.unsplash.com/premium_photo-1681022527718-81786d7873bd?q=80&w=1915&auto=format&fit=crop&ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVuFDB8fHx8fA%3D%3D",
    "price": "850",
    "description": "An elegant armchair with plush cushions and a curved design for comfort.",
    "discountPercentage": 0,
    "isFeaturedProduct": false,
    "stockLevel": 10,
    "category": "Chair"
  },
  {
    "id": "3",
    "name": "Pink Lounge Chair",
    "imagePath": "https://plus.unsplash.com/premium_photo-1690971631390-4f3fa92315f9?q=80&w=1964&auto=format&fit=crop&ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVuFDB8fHx8fA%3D%3D",
    "price": "1600",
    "description": "A spacious lounge chair with a quilted back and soft cushioning.",
    "discountPercentage": 20,
    "isFeaturedProduct": true,
    "stockLevel": 5,
    "category": "Chair"
  }
],
```

Which is the few of the data's from the given Api .

The data provided by the given Api contains following fields .

Id,

ImagePath,

Description,

Name,

Proce,
Is Featured,
Category,
stock Level

Conclusion:

key endpoints such are:

- o Product listings (e.g., /products)
- o Categories (e.g., /categories)
- o Order history (if applicable)

Step-2 :

Validate and Adjust Schema :

1: First of all we have to check the schema structure of given Api data ;

As in my Api there is given these following fields so I will make a schema in sanity matching with these fields and data types.

Id,
ImagePath,
Description,
Name,
Proce,
Is Featured,
Category,
stock Level

Here is my sanity schema

```
export default {
  name: 'product',
  title: 'Product',
  type: 'document',
  fields: [
    {
      name: 'id',
      title: 'ID',
      type: 'number',
    },
    {
      name: 'name',
      title: 'Name',
      type: 'string',
    },
    {
      name: 'imagePath',
      title: 'Image Path',
      type: 'url',
    }
  ]
}
```

```
{
  name: 'price',
  title: 'Price',
  type: 'number',
},
{
  name: 'description',
  title: 'Description',
  type: 'text',
},
{
  name: 'discountPercentage',
  title: 'Discount Percentage',
  type: 'number',
},
```

```
{
  name: 'isFeaturedProduct',
  title: 'Is Featured Product',
  type: 'boolean',
},
{
  name: 'stockLevel',
  title: 'Stock Level',
  type: 'number',
},
{
  name: 'category',
  title: 'Category',
  type: 'string',
},
```