# Day 3 - API Integration Report - MORENT

```
Start
  ↓
Set Up Environment
  ↓
Configure API Client
  ↓
Fetch Data from API
  ↓
Validate & Transform Data
  ↓
Upload Data to Sanity CMS
  ↓
Display Data in Frontend
  ↓
Test and Debug
  ↓
End
```
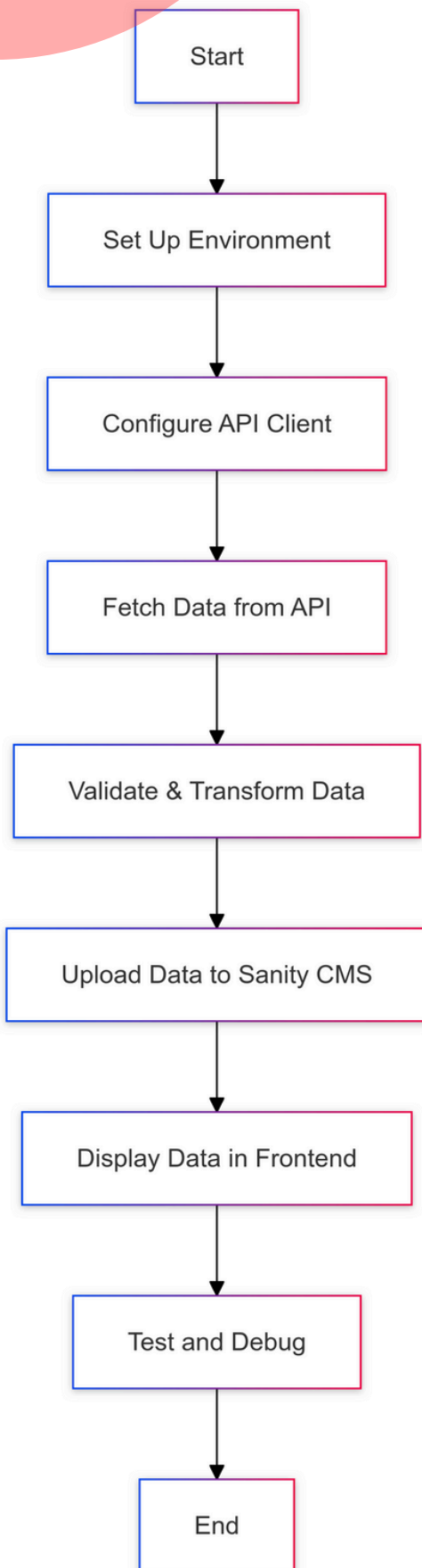
## a) Set up your environment

```
NEXT_PUBLIC_SANITY_PROJECT_ID=your_project_id
NEXT_PUBLIC_SANITY_DATASET=your_dataset
NEXT_PUBLIC_SANITY_TOKEN=your_token
NEXT_PUBLIC_SANITY_API_VERSION=2021-08-31
```

## b) Setup and Configuration

```javascript
async function importData() {
  try {
    console.log('Fetching car data from API...');

    // API endpoint containing car data
    const response = await axios.get('https://sanity-nextjs-application.vercel.app/api/hackathon/template7');
    const cars = response.data;

    console.log(`Fetched ${cars.length} cars`);

    for (const car of cars) {
      console.log(`Processing car: ${car.name}`);

      let imageRef = null;
      if (car.image_url) {
        imageRef = await uploadImageToSanity(car.image_url);
      }
    }
```
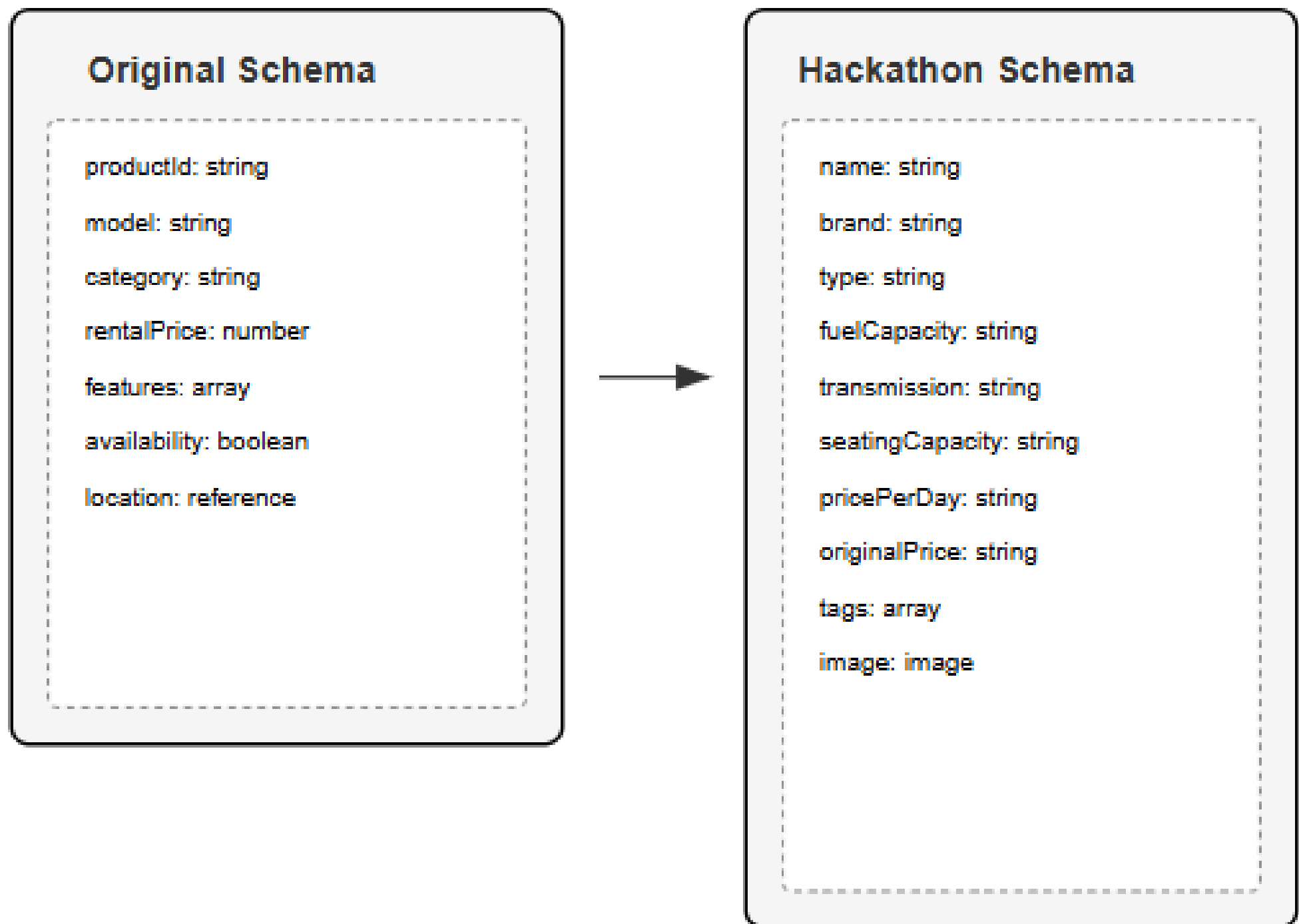
## c) Run the import script:

```
node importTemplate7Data.mjs
```

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## Adjustments made to schemas

### Car Schema Evolution

**Original Schema**

productId: string

model: string

category: string

rentalPrice: number

features: array

availability: boolean

location: reference

→

**Hackathon Schema**

name: string

brand: string

type: string

fuelCapacity: string

transmission: string

seatingCapacity: string

pricePerDay: string

originalPrice: string

tags: array

image: image

# Day 3 - API Integration Report - MORENT

## Populated Sanity CMS fields.

| Car | + ··· |
| --- | --- |

Search list

**MG ZX Exclusive**

All New Terlos

CR-V

Rolls-Royce

Nissan Altima

Chevrolet Camaro

Porsche 911

Mercedes-Benz C-Class

Audi A6

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MG ZX Exclusive

Car

# MG ZX Exclusive

**Car Name**

MG ZX Exclusive

**Brand**

Brand of the car (e.g., Nissan, Tesla, etc.)

**Car Type**

Type of the car (e.g., Sport, Sedan, SUV, etc.)

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## Data successfully displayed in the frontend.