

# Smart Data Display – Internship Assignment Report

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Project Title: Smart Data Display

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## Objective

The goal of this challenge was to create a functional web app that takes a topic/category, gathers relevant data from the internet, and displays it via a simple web interface or API. The purpose was to simulate building a real-time, data-powered tool.

## Tools & Technologies Used

- Language: Python
- Framework: Flask
- Frontend: HTML + CSS (Jinja2 Templates)
- API: Google Books API
- Other: GitHub, GitHub Desktop, VS Code, ChatGPT

## Problem Solved

The app fetches the top 20 trending books from the Google Books API based on the keyword “bestsellers”. It displays the book title, short description, and a link to view more details in a clean, card-style layout using HTML and CSS.

## My Thought Process

1. Chose a topic I could pull data from easily — trending books.
2. Used the Google Books API to fetch relevant book data.
3. Created a Flask backend to structure the data.
4. Displayed the data using an HTML template and some simple styling.
5. Uploaded the project to GitHub using GitHub Desktop.

## Reflection

It was my very first time building an app, and I also had no idea about Flask, but I’ve learned it, and I actually loved the process very much.

## GitHub Repository

<https://github.com/tuljayerram/smart-data-display1>