# Streamlit Advanced Project Template

\*\*People Data Information System\*\* + \*\*Streamlit Advanced Project Template\*\* = :hearts::hearts::hearts:

Recently I delved into learning how to build and deploy a simple full-stack web data application. To my surprise, the process wasn't quite as simple as online tutorials and influencers like to claim😃.

Despite the challenges, the positive reactions from others and my continual note-taking effort inspired me to compile a practical curriculum.

Stay tuned! I'll soon be releasing it as an open-source Streamlit template codebase, accompanied by a step-by-step online tutorial.

Feel free to take it apart, enhance it, and surpass my efforts 💪. I'll be delighted if it aids you in advancing your projects or acquiring useful knowledge.

## Focus

My primary goal with this initiative is to deliver step-by-step a performing and reliable application-independent codebase, incorporating essential custom components, all under the umbrella of what I'm calling the \*\*Streamlit Advanced Project Template\*\*.

Additionally, I aim to pass on general principles of data modelling and programming, which I recommend adopting early on. To complement this, I plan to include a mix of best practices for general project setup and configuration based on my experiences and research.

To set expectations, I won't delve much into component APIs or other well-documented technical topics. Similarly, while I won't talk about every background detail, I'll provide pointers for further independent research allowing you to modifying an existing template codebase without to much struggle :thumbsup:.

## Application

* 1. The code template and tutorial is going to be communicated around an imaginary \*\*People Data Information System\*\*. In short, about a system that allows users in different roles to share information and make decisions. Understand it as a demo topic that is comprehensive for board group of people while the application specifics will be irrelevant for the codebase template and tutorial itself.

## Audience

This tutorial is designed for individuals with a background in data analysis and interest in management, possessing basic programming skills but are new to Python and web development practices. Streamlit Advanced Project Template is tailored for those eager to prototype ideas or create simple, yet solid, data-orientend web application for sharing with others.

## Resources

- https://streamlit.io/

- https://www.python.org/

- https://code.visualstudio.com/

Comment any specific topics you like me to consider and follow for updates to come!