[learn-modern-ai-python/Growth\_Mindset\_Challenge.md at main · panaversity/learn-modern-ai-python](https://github.com/panaversity/learn-modern-ai-python/blob/main/Growth_Mindset_Challenge.md)

**Growth Mindset Challenge: Web App with Streamlit**

I want to share an idea that can make a big difference in your personal and academic growth—a growth mindset.

**What is a Growth Mindset?**  
A growth mindset is the belief that your abilities and intelligence can be developed through hard work, perseverance, and learning from your mistakes. This concept was popularized by psychologist Carol Dweck, and it challenges the notion that our skills are fixed from the start. Instead, it reminds us that every challenge is an opportunity to learn and improve.

**Why Adopt a Growth Mindset?**

* **Embrace Challenges:** View obstacles as opportunities to learn rather than as setbacks.
* **Learn from Mistakes:** Understand that making mistakes is a natural part of learning. Each error is a chance to improve.
* **Persist Through Difficulties:** Stay determined, even when things get tough. Hard work and persistence can lead to growth.
* **Celebrate Effort:** Recognize and reward the effort you put into learning, not just the final result.
* **Keep an Open Mind:** Stay curious and be willing to adapt your approach based on what you learn.

**How Can You Practice a Growth Mindset?**

1. **Set Learning Goals:** Instead of only focusing on grades, set goals that help you develop new skills and understand complex concepts.
2. **Reflect on Your Learning:** Regularly take time to think about what you’ve learned from both your successes and your challenges.
3. **Seek Feedback:** Embrace constructive criticism and use it as a tool for improvement.
4. **Stay Positive:** Believe in your capacity to grow, and encourage your peers to do the same.

Remember, your journey in education isn’t just about proving your intelligence—it’s about developing it. By adopting a growth mindset, you empower yourself to overcome challenges, innovate, and continuously improve. Every step you take, whether forward or backward, is part of the learning process. Embrace your potential and never stop striving to be better.

Wishing you all the best on your journey to growth and success!

We want to see how many of you are willing to adopt the growth mindset. As a first goal, uou are required to create the following project ASAP:

[**Streamlit Project Video: The Best Way to Build Python Apps?**](https://www.youtube.com/watch?v=8W8NQFFbDcU)

You will build this project using [UV](https://github.com/panaversity/learn-modern-ai-python/tree/main/01_uv) and [Streamlit](https://github.com/panaversity/learn-modern-ai-python/tree/main/03_ui_streamlit).

You will publish the code on [Github](https://github.com/panaversity/learn-modern-ai-python/tree/main/08_github) and also the running streamlit app on the web.

Once you are done submit this form ASAP, you will be evaluated by who submits the project first and the quality of the project:

<https://forms.gle/tS7C3sr55tUZ36GY8>

You can required to innovate and improve the webapp as described in the video above.

You will also share your published app in your section whatsapp group. However, do not share yout source code in your github repo.

First import

*import* streamlit *as* st

*import* pandas *as* pd

*import* os

*from* io *import* BytesIO

add a page title

st.set\_page\_config(*page\_title*="Data Sweeper", *layout*='wide')

add title and description

st.title("Data Sweeper")

st.write("Transform your files between CSV and Excel format with built-in visualization!")

wants to get preview on browser add the following command.

Streamlit run ap.py inter

