📝 *Week 1 Experience*

🔧 Environment Setup

- Installed Python 3.10+ using the official Python website.

- Installed required libraries (numpy, pandas, matplotlib, seaborn, scikit-learn) using pip.

- Set up and tested Jupyter Notebook in VS Code using the Python and Jupyter extensions.

🧠 What I Learned

- Refreshed knowledge of Python basics: data types, loops, conditionals, and functions.

- Learned how to work with datasets using `pandas` — loading CSVs, inspecting data, and cleaning missing values.

- Created basic data visualizations using matplotlib and seaborn, such as histograms, scatter plots, and bar plots.

🐞 Challenges Faced

- No Challenges Faced.

✅ Overall Progress

- Successfully completed all Week 1 tasks.

- My Python environment is fully ready for AI/ML development in the coming weeks.