**How to make the best use of ChatGPT for coding**

I am not particularly good in making a program in Python from the start. As there is a huge library of Python software, I usually take an existing code and then try to adapt it. The way I use most software is in machine learning to either classify or cluster numerical geophysical data or segmentation of seismic section data. Most available codes are designed for different purposes and use popular data sets like written numbers or photos of different objects. Then what I do, I first replace the data input part with my own code, which reads the data from my computer and then run the program code step by step. If an error message appears, I can either click on explain or submit it to ChatGPT-4o, which I have also loaded. Most often I get an alternative code which solves the problem. Also, in the end, ChatGPT suggests additional options to make the results more interesting. As with social media, I must limit the offerings to the essentials otherwise I will spend endless hours on non-essential activities.