

Introduction to Scientific Data Visualization with CoPilot/ChatGPT

Instructions:

Plot a single vertical profile of Argo salinity data from any float. The data should represent salinity during a single dive (from the surface to its maximum depth). Organize your data (time, depth, and salinity) into a Pandas DataFrame and query that DataFrame to find the maximum salinity observed during that profile. Also, determine the latitude/longitude of the float when it surfaced.

If done early, attempt to organize the code to be able to plot a salinity profile from any specified dive.