





## Weekly Reflection

In the recent lessons, we focused on series pipeline systems, covering three main problem types:

calculating energy losses, determining flow rates, and figuring out pipe diameters. We learned that to find the right flow rate and pipe diameter, iterations in Excel are necessary, highlighting the importance of trial and error in these calculations. Specifically, we looked at scenarios where either the flow rate or the pipe diameter was known, and we had to compute the other. Using Excel was particularly helpful for these exercises, as it allowed us to efficiently perform iterations and calculate percentage differences, making it a valuable tool for tackling the complexities of fluid mechanics problems.