Issues with code

Not every Gauge ID corresponds toa unique site ID

need to ensure that each gauge is associated with only one site ID, or need to define the logic of how to handle gauges associated with multiple site IDs. If a gauge should only belong to one site and there has been an error, need to clean the SiteID dataset to remove the incorrect associations before merging. If a gauge can indeed belong to multiple sites, need to adjust analysis approach to account for this.

One Gauge ID corresponds to multiple SiteID values. For example, 422207A is listed with both SiteID 6 and 7. Does this indicate that the gauge collects data relevant to two different site locations?

Furthermore, multiple Gauge IDs also correspond to the same SiteID. For instance, SiteID 7 is associated with both 422207A and 422209A. This could make sense if multiple gauges are placed at the same site, but Site ID 9, also appears to correspond to 422209A. So if I could get any clarification on that point, I would be very grateful. Thank you very much inadvance.