

1. Every group have to download the Excel files:
2. Each file has three recorded values of water flow recorded using three sensors S1,S2, and S3.
 - Compute the covariance between three variables
 - Compute the correlation coefficients between three variables
 - Plot and report the relationships between the variables
 - Generate a random sample of 50 observations for each sensor
 - Compute the upper and the lower bounds with confidence intervals 90%, 95%, 99%.
 - Compare the population means of each sample with the estimated one given the samples