

Data Exploration for Understanding

“The real voyage of discovery consists not in seeking new landscapes, but in having new eyes.”

Marcel Proust, French Novelist 1871-1922

How data is collected is as important as what data is selected for use from large populations. This chapter explores random sampling and mining for data quality concluding with an activity presenting a flow chart for use in determining the appropriate method of statistical analysis for a given variable.

ACTIVITY LIST

Activity Type	Number and Title	Assessment Type
In Class	Activity 37: Advanced Multivariate Continuous Displays and Diagnostics	
Out-of-Class	Activity 38: Introduction to Random Sampling	Response

