Verneda Ritter

2/3/25

BTEC 560

Dr. Pawar

Assignment 2

Standard Deviation

σ=

σ - population standard deviation

N - the size of the population

xi - each value from the population

μ - the population mean

Varience

S2 - sample variance

xi - the value of the one observation

- the mean value of all observations

n - the number of observations

Variance shows how the values in a dataset vary from each other, while standard deviation shows how far apart the values are from the mean in a data set.