

DATA SCIENCE AND STATISTICS SUMMER CAMP

July 14-16, 2026

Students will explore and develop data literacy by collecting and analyzing data. The key learning objectives include :

- **Data Collection**
 - o Categorical vs Quantitative Data
 - o Sampling bias
 - o Population vs sample
- **Analyzing Data**
 - o measures of center: mean, median, mode.
 - o Measures of variability: range, interquartile range, standard deviation
- **Displaying Data**
 - o Histograms, box plots, stem-and-leaf plots
 - o identify trends, patterns, outliers
- **Critical Thinking**
 - o Making inferences about a population based on sample data
 - o Become critical consumers of media-reported statistics

Rising 9-12 Grades

Gateway Technology Center
3400 N Wesleyan Blvd.
Rocky Mount

9:00AM -3:00PM

Lunch is provided