



# Sustainment Data Education Strategy



## Data Analysis and Visualization (DAV) Course

The ten-day (80 hours) Data Analysis and Visualization Course covers the basics of data analysis. The course serves as an introduction to statistics, data visualization, and data analysis. The DAV Course aligns with the Army G4's desire to build analytic talent and create a smart data culture. Graduates of the DAV Course are able to garner information from data using descriptive and predictive statistics, and present findings using visualization techniques. The course assumes that students are familiar with the basics of Excel spreadsheets and have a working knowledge of basic high school Algebra topics.

### Methods of Facilitation

- Lectures
- Practical Exercises
- Small Groups Exercises

Day	Topic
Daily	Spreadsheet Tools
1	Intro to Data Analysis and Visualization Techniques
2	Descriptive Statistics
3	Probability and Distributions
4	Regression
5	Pivot Tables
6	Modeling
7	Optimization
8	Excel Power Tools
9	Other Analytical Tools
10	Final presentation

### Who Can Attend?

- Enlisted – SFC or above
- Warrant – WO2 or above
- Officer – 1LT or above
- Civilians – GS-09 or above

### Who is the Course Intended For?

- Civilian and military who work with collecting or analyzing data on a regular basis.
- Personnel needing to use data to communicate to others.

### Are there prerequisites?

There are no specific prerequisites, however, students are expected to be familiar with the basics of Excel spreadsheets and have a working knowledge of high school Algebra topics.

### How Do I Apply?

Civilian and military personnel may register through their Army Training Requirements and Resources System (ATRRS) training officer. The school code is 907; the course number is 8A-F87 (MC)(RF). Non-Army personnel should email the course director for enrollment.