

Dataline

Calculating Success Rates

Dan and Daphne explain how to calculate success rates. They discuss the definition of success and then show the formula used to calculate success rates.

Keywords: success rates, grade data, Dataline

Persistence vs. Retention

Dan and Daphne share the difference between persistence and retention. Persistence pertains to the student, while retention refers to the institution.

Keywords: persistence, retention, multiple terms, Dataline

The Timing of Academic Standing

In this episode, Dan identifies when academic standing is determined. For students in their first semester, it is calculated after completion of the first semester.

Keywords: academic standing, FTIC, cumulative GPA, Dataline

Average of an Average

Dawson explains the statistical process of finding the average of averages. He stresses the importance of weighing averages, especially when dealing with different sized populations. Not weighing averages to population size can cause a significant difference when calculating the average of averages.

Keywords: weight, population size, average, averages, Dataline

Small Sample Stumbles

Dallas addresses the problems that can arise when the number of survey participants is too small. A smaller number of participants in a study may not properly represent the entirety of the population being surveyed. A larger sample size will produce more accurate survey results.

Keywords: survey, population, sample size, study, Dataline

Plots and Charts

Dawson and Dallas demonstrate how different data visualization methods (plots, charts, graphs, etc.) can be used to help tell the story of a given dataset. Data can be better displayed by certain charts or plots, depending upon the data type and target audience.

Keywords: plots, charts, presentation, data visualization, dataset, Dataline

Life and Times of a Data Request

Dawson provides an in-depth how-to about IR's data request system. He explains the process from submitting the ticket in the IT Service Desk, assigning the ticket within IR, the analysis, the review process within IR, and then the final report. A timeline for expected work completion is provided.

Keywords: IT Service Desk, data request, report, review, Dataline, video

Percentage Point Change vs. Percent Change

Dan discovers that he has a new cohost, Jeff. The two discuss the subtle difference between a change in percentage points and percent-change.

Keywords: percentage, change, percentage point, percent change, Dataline

Adding and Subtracting Percentages

When a rival data-news group reports a 100% decrease in beekeeping 101 enrollment, Dan and Daphne interview a local expert to clarify the error.

Keywords: percentages, percent, adding and subtracting, proportions, Dataline

Central Tendency

The new field reporter, Dayton, interviews a visiting mathlete about various methods for characterizing a distribution of data.

Keywords: mean, median, mode, average, central tendency, Dataline