

Charting Data Using VertiGIS Studio Reporting

Course Length: 1 day (instructor-led)

5 days (self-paced)

Overview

This one-day course builds on your reporting skills and knowledge gained from the Introduction to VertiGIS Studio Reporting course. In this course you will learn how to efficiently and effectively chart data using the VertiGIS Studio Reporting chart control.

Audience

Those who are already familiar with VertiGIS Studio and want to learn how to create custom report templates utilizing charts that can be called from a web application.

Topics Covered

Day 1

- Creating Charts – Discuss the role of the chart control in a VertiGIS Studio Reporting report template. Create a report template that connects to multiple layers, configures a master-detail relationship between the layers, adds default values for testing, sets up the page, and implements a chart control. The report template created will be used as the base report throughout the course.
- Pie Charts for Two Series – Learn how to configure pie charts for two separate data series within one chart control. Add titles and legends to the chart. Use text patterns in labels to clearly describe data values. Emphasize specific series data within the chart. Use different types of pie charts to represent data.
- Bar Chart for Single Series – Design a bar chart to represent a single data series. Discuss how to configure the X and Y axes to correctly display values. Add supplementary components including titles and legends. Modify format and placement of chart labels and alignment of bars.
- Combo Chart for Two Series – Implement a bar chart and a line chart to display two separate data series side-by-side or combined into a single chart area. Learn how to format secondary axes and labels to clearly convey the details presented in the chart. Discuss effective charting design strategies.

Format

This course is available as an in-person or remote instructor-led course, or as a self-paced course, with hands-on practice and course materials you can keep.

Prerequisites and Recommendations

- Fundamental knowledge of VertiGIS Studio technologies.
- Basic understanding of GIS data.
- Knowledge of building report templates in VertiGIS Studio Reporting.
- We recommend using two monitors for an ideal learning experience.