

Data Visualization Essentials orientation

In this lesson, you'll get an overview of your Data Visualization Essentials course, including what you'll learn, the time commitment, how you'll be evaluated, and resources to get help.

Welcome to Data Visualization Essentials

This course shows you how to turn your data analysis into beautiful and effective visualizations, like charts and graphs, using the industry-leading tools Excel and Tableau. You also learn best practices for creating presentations in PowerPoint and communicating your insights to leaders and other business stakeholders.

By the end of this course, you will be able to do the following tasks:

- Identify and leverage different types of visualizations
- Create bar charts, scatter plots, graphs, pie charts, heat maps, pivot charts and dashboards in Excel
- Create bar charts, scatter plots, graphs, pie charts, heat maps, tables, and dashboards in Tableau
- Interpret visualizations
- Make data-driven recommendations
- Create effective and customized presentations in PowerPoint
- Communicate your insights

Course key topics

Data visualization principles

Learn about different types of data visualizations, how data visualizations fit into the data analysis process, how to accurately interpret data visualizations, and the tools that professionals use to create data visualizations.

Excel and Tableau data visualizations

Use Excel to prepare your data for data visualizations, then use Excel and Tableau to create some of the most popular types of data visualizations, including bar charts, scatter plots, heat maps, dashboards, and more.

PowerPoint presentations

Create unique and effective PowerPoint presentations that you can use to share your data visualizations, analysis, insights, and recommendations with business stakeholders.