



Data Analysis Boot Camp

3 Days Classroom/4 Days Online

Overview

This course, organized into key topic areas, leverages straightforward business examples to explain practical techniques for understanding and reviewing data quality and how to translate data into analysis of business problems to begin making informed, intelligent decisions. Get an overview of data quality and data management, followed by foundational analysis and statistical techniques. Throughout the course, you will learn to communicate about data and findings to stakeholders who need to quickly make the decisions that drive your organization forward.

This data analysis training class is a lively blend of expert instruction combined with hands-on exercises so you can practice new skills. Leave prepared to start performing practical analysis techniques the moment you return to work.

- Identify opportunities, manage change and develop deep visibility into your organization
- Understand the terminology and jargon of analytics, business intelligence and statistics
- Learn a wealth of practical applications for applying data analysis capability
- Visualize both data and the results of your analysis for straightforward graphical presentation to stakeholders
- Learn to estimate more accurately than ever, while accounting for variance, error, and Confidence Intervals
- Practice creating a valuable array of plots and charts to reveal hidden trends and patterns in your data
- Differentiate between "signal" and "noise" in your data
- Understand and leverage different distribution models, and how each applies in the real world
- Form and test hypotheses – use multiple methods to define and interpret useful predictions
- Learn about statistical inference and drawing conclusions about the population