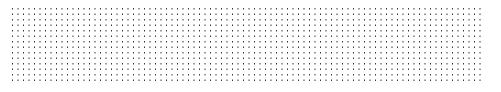# Data Analytics Foundations

Learn the fundamentals of data analytics in this beginner-friendly class. Find out how Data Analysts and Business Analysts use analytics and statistical modeling for problem-solving, decision-making, and forecasting.

Group classes in NYC and onsite training is available for this course. For more information, email nyc@careercenters.com or visit: https://www.careercenters.com/courses/data-analytics-foundations

nyc@careercenters.com • (212) 684-5151

Course Outline

Basic Data Analysis

- Measures of Central Tendency
- Measures of Position
- Measures of Dispersion
- The Normal Curve
- Descriptive Statistics

Predictive Analytics I

- Forecasting
- Series Forecast

Data Visualization I

- Charts
- Icon Sets
- Histograms
- Moving Average

Predictive Analytics

- Correlation
- Regression - overview
- Regression - analysis
- Linear regression
- Multiple regression

Probability

- Probability I
- Probability II
- Binomial Probability
- Poisson Probability

Prescriptive Analytics I

- What If Analysis
- Data Table (3 variables)
- Scenario Manager
- Scenario Manager - Pivot

Data Visualization II

- Sparklines
- Color Scales
- Drawing Shapes
- Pivot Tables
- Pivot Charts

Prescriptive Analytics II

- Solver - overview
- Linear Programming
- The Solver model
- Non-Linear Programming
- Evolutionary Solver