

## Statistics for the Non-Statistician

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**Date :** Jul 20, 2017 - 09:00 AM - Jul 21, 06:00 PM

**Event URL :** <http://www.BostonEventsList.com/events/statistics-for-the-non-statistician-jul-2017>

**Organizer :** GlobalCompliancePanel

**Venue :**

**Location :** TBD Boston Boston, MA 02108,  
Boston, MA , US, ZIP: 02108  
Phone: 1 929 900 1853

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If statistical analysis is not properly performed and/or understood, a firm can run the risk of distributing the kind of product to the market that ultimately fails, resulting in lost time and money. Statistics of course, requires constant practice.

This seminar will be highly interactive and participative. Participants apply their learning of statistics to real-world example data sets. The program begins by providing a basic overview of the most common statistical tools and terms.

By the end of day two, course participants will have acquired the skills necessary to read and understand statistical reports contained in the CMC section including statistically sound sampling plan. One of the outstanding features of this learning session is that throughout its duration, it will allow complete interaction of the participants with both an expert instructor and their peers.

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### Why should you attend:

The course is developed for non-statistician whose roles and responsibilities either require interfacing with statisticians or need to perform basic statistical tasks. Most statistical training focus on the formulas and theory instead of the practical implications of the practice of statistics. This course provides practical industry examples putting context to more complex statistical techniques. Most participants have no previous statistical experience, though have interest in learning about how to apply statistical concepts in their job.

### Areas Covered in the Session:

- Introduction/Fundamentals - Statistics
  - Summary Statistics
  - Graphical Techniques
- Hypothesis Testing and Confidence

### Event Categories :

- T-test
- Confidence Intervals
- Tolerance Intervals
- Regression
  - Linear Models
  - Lack of Fit
  - Confidence Intervals for Regression
- Design of Experiments
  - Screening Experiments
  - Fractional Factorial
  - Optimization
  
- Method Validation
  - Linearity
  - Precision
  - Accuracy
  - LOD/LOQ
- Trending Analysis
  - Control Charts
  - Capability Analysis
- Sample Size
  - Sample Size for Mean and Individuals
  - Sample Size for Attribute
- Stability Analysis
  - ICH Q1

### Who will benefit:

- Development Scientists
- Analytical Method Development
- QA/ QC personnel

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Please contact the event manager Marilyn below for the following:

- Discounts for registering 5 or more participants.
- If your company requires a price quotation.
- For event ticket, contact +1 929 900 1853

Event Manager Contact:

marilyn.b.turner(at)nyeventslist.com

You can also contact us if you require a visa invitation letter, after ticket purchase.

We can also provide a certificate of completion for this event if required.

**NO REFUNDS OR TRANSFER ALLOWED ON REGISTRATIONS**

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