STATISTICAL FOUNDATIONS CERTIFICATE

Program Description

In today's data-driven world, you can't afford to be the only one at the table who lacks analytical knowledge.

This certificate program will familiarize you with basic statistical concepts and terminology that will help you become a better reader and producer of meaningful data reports for your business. You will learn how to evaluate statistical summaries and apply critical tools to assess their validity. You will practice creating the most effective graphic presentation for your reports. As part of this certificate, you will explore a variety of statistical tests and learn how to choose the right test for your needs. Finally, you will have an opportunity to experiment with more complex reporting tools and apply them to interpret real-world data.

You'll come away from the program with a more analytical mindset and increased confidence to work with data and data analysts to drive performance and decision-making in your organization.

Key Takeaways

- Evaluate sample summary statistics and graphic representations of variables and their relationships
- Make informed decisions based on statistical results
- Choose the right statistical test for the question you're asking
- Apply and interpret real-world data in regression models to make predictions about new situations

What You'll Earn

- Statistical Foundations Certificate from Cornell ILR School
- 40 Professional Development Hours (4 CEUs)

Who Should Enroll

- Professionals in any industry who need to communicate and interpret data
- Business managers utilizing analytics or benchmarking and comparison
- Professionals from any business function
- Government workers engaged in policy analysis
- Healthcare professionals

Total Investment

- 2 months to complete all the courses

How to Enroll

For more information on how to enroll, please visit Statistical Foundations Certificate

For the optimal experience, it is strongly recommended that you complete these courses in sequential order.

Courses

Code	Title	Hours
eCornell ILR511	Interpreting and Communicating Data	0
eCornell ILR512	Using Statistical Tests to Make Decisions	0
eCornell ILR513	Applying Statistical Tests	0
eCornell ILR514	Making Predictions With Data Models	0