BUSINESS STATISTICS CERTIFICATE

Program Description

Leading organizations understand the value of data: it can transform operations, maintain agility, and create a competitive edge. Without it, you're flying blind.

Yet in order to integrate data into your decision-making processes, you need a set of tools to transform raw data into a valuable asset. The primary tool set every data-driven decision maker needs is statistics. As the foundation of any data-driven decision, statistics helps you make sense of your data. This certificate program is designed to help you not only gain a strong working knowledge of statistical concepts but also the ability to apply them to your data to make better business decisions.

For the best experience in this program it is strongly recommended to take these courses in the order that they appear.

Key Takeaways

- Identify methods of presenting quantitative data
- Apply descriptive statistics to business questions
- Use probability to bridge the gap between descriptive and inferential statistics
- Apply inferential statistics to business questions
- Examine how to compare two population means
- Forecast trends and future states of data using statistical analysis
- Explain the role of statistics in strategic decision-making
- Explore practical applications of statistics

What You'll Earn

- Business Statistics Certificate from Cornell Dyson School
- 70 Professional Development Hours (7 CEUs)

Who Should Enroll

- Entry level to executive professionals looking to uncover insights from data
- Students who are pre-MBA or considering earning an MBA
- Individuals interested in moving into an analyst role
- Individuals seeking to leverage statistical or analytic skills
- New, emerging, and experienced leaders
- Consultants
- Analysts and researchers
- Entrepreneurs

Total Investment

- 4 months to complete all the courses

How To Enroll

For more information on how to enroll, please visit Business Statistics Certificate (https://ecornell.cornell.edu/certificates/data-science-analytics/business-statistics/).

Courses

Code	Title	Hours
eCornell CORE521	Presenting Quantitative Data	0
eCornell CORE522	Descriptive Statistics for Business	0
eCornell CORE523	Making Predictions Using Statistical Probability	0
eCornell CORE524	Inferential Statistics	0
eCornell CORE525	Multivariable Comparisons	0
eCornell CORE526	Statistical Forecasting	0
eCornell CORE527	Practical Applications of Statistics	0