Practical Machine Learning and Data Science for Managers

presented by the University of Georgia Center for Continuing Education & Hotel

UNIVERSITY OF
GEORGIA
Center for Continuing
Education & Hotel

Learning Objectives, Features, and Benefits

Learning Objectives

After completing this online course, you should be able to:

1. Explain the basics of data science and data analytics using machine learning.
2. Explain the basics of developing use cases for business impact and the resources required.
3. Perform hands-on exercises on how a data science project is executed, and interpret the results.
4. Understand data sources, data creation, data pre-processing, and the data analytics model building process based on machine learning.
5. Understand how to implement data science and machine learning in your company projects.
6. Exposure to non-programming type Machine Learning tools & software for the non-practitioner.
7. Learn through hands-on exercises, with real machine learning tools, about using data to build predictive analytics models and to measure their performance.
8. Discover an intuitive understanding of cutting-edge technologies like Deep Learning and their applications.
9. Participate in a hands-on project: data generation, data pre-processing, building a model, predicting, inferencing, and telling a story.
10. Name and identify key terminology of AI, machine learning, and data science.

Successful enrollees earn a Certificate of Program Completion, Digital Badge, and University of Georgia Continuing Education Units (CEUs).

Features & Benefits of the Course

Features

- A program managed and delivered by the University of Georgia, a premier US educational institution and recognized global leader in professional continuing education.
- A dynamic and up-to-date curriculum, taught by an Industry professional in the field of AI & Data Science and a Professor of Practice bringing AI, Machine learning & its applications to the classrooms and labs of the school of engineering at UGA.
- An immersive and interactive instructor-led, online (virtual) format that meets the needs of busy working professionals.

Benefits

- Advance your career by expanding your knowledge of data science and machine learning while continuing to work full time.
- Earn continuing education units (CEUs) and a Digital Badge from the University of Georgia.
- Learn cutting edge technologies like Data Science and Machine Learning, which is revolutionizing the business world, in a simple, understandable and hands-on way.
- Learn effective ways to start and run a data science project in your environment.

*This online, immersive course is supported by the
University of Georgia College of Engineering*

College of Engineering
UNIVERSITY OF GEORGIA

*For more information about Practical Machine Learning and Data Science for Managers,
contact questions@georgiacenter.uga.edu or dial +1-706-542-3537*