

Workshop on Applied Data Science

A unique opportunity to experience a four-week foundation course in Data Mining, Data Analysis, & Data Visualization at Carnegie Mellon University. This course has been created specifically for ITAM students.

About the Course

Data Literacy is fast becoming the new baseline expectation that organizations have of new hires. This course will give you a solid foundation in the key elements of applied data science. Co-taught by two Carnegie Mellon professors who specialize in data analysis and data visualization, the course digs deeply into applied data mining methodologies and classification techniques, data grouping and clustering, predictive models, and data visualization technologies and best practices, all with a focus on real-world cases and examples.

Over the four-week program you will learn:

How to use statistical approaches to extract useful information from the data set;
How to apply data mining and analytical techniques for decision support;
How to communicate results through visualizations;
How to use the latest data science tools.

Who should attend:

This "foundation" course gives students who have no background in data literacy a solid base to build on, while giving students who already have some knowledge and experience a way to grow their skills.

Course participation is limited to the first 25 students to register.

Prerequisites:

None.

About the Professors

Raja Sooriamurthi is an Associate Teaching Professor in Carnegie Mellon's Dietrich College. His teaching and research focus on data mining and analytics, big data, and decision support systems.

Chris Labash is an Associate Teaching Professor in Carnegie Mellon's Heinz College. His teaching and research focus on communication, innovation, and strategy.

About Carnegie Mellon's Heinz College

Carnegie Mellon University is consistently recognized for academic excellence, groundbreaking research and interdisciplinary collaboration. Its programs are

among the top-ranked in the world, and the Heinz College is home to the #1-ranked graduate school of Information Systems Management. More (QR)

About Pittsburgh

Consistently ranked among the top five "most livable cities" in the United States, Pittsburgh has received accolades from The Economist, Forbes, Places Rated Almanac and many others. The city appears on over 200 lists that call it one of the "40 Prettiest Cities in the World" (Huffington Post), the "Most Entrepreneurial City in the America" (Inc.), the "Most Livable City in America" (Forbes), one of the "Best Places in the World to Visit" (National Geographic), and the "Best All-Around Vacation" (The Travel Channel). More (QR)