Introduction to Data Analytics

The Introduction to Data Analytics workshop focuses on improving your understanding, appreciation and utilization of data analytics, as well as understanding its impact on work-related decisions.

This course will help you to become data aware – to expand your knowledge and understanding of the properties of data, the strategies along with the common pitfalls in looking at data analytically, and the opportunities that can arise when considering data in new and novel ways. The primary objective of this workshop is to demonstrate how to better utilize the data you handle to make more informed and data driven decisions.

Course Topics

- Theory and concepts that provide the foundations of data awareness
- Define the properties of data, the strategies and common pitfalls in looking at data analytically

Learning Objectives

- Appreciate the different ways to gather, use and interpret data
- Use case studies (both internal and external to Chase) to discuss the impact of data analytics on work-related decisions
- Practice with data exercises and selected Chase applications to apply key concepts

Related Courses

- Advanced Data Analytics

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Dr. Kilger has extensive experience teaching and researching in the areas of big data, new research methodologies, relationship of people to digital technology, cybersecurity, social structure of the hacking community, and cyberterrorism. He has written and co-authored research articles and book chapters in the areas of influence in decision-making, the interaction of people with technology, motivations of malicious online actors, understanding the changing social structure of the computer hacking community and the nature of emerging cyberthreats. Kilger is a frequent national and international speaker to law enforcement, the intelligence community and military commands.