

# FREE Online Citizen Data Scientist Course

You Too Can be a **Citizen Data Scientist** –  
No Matter Your Role, Skill or Job Function



## Section 1 - Introduction

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**Instructor Notes:** This supporting documentation includes a complete set of the slides used in the course material. Some sections also include expanded material, articles and documentation to further student understanding of more complex topics.

For your convenience, contact information is displayed at the end of the online course and at the conclusion of the supporting documentation in Section 12. We invite you to contact us with questions, requests or comments.

## Section 1 – Introduction

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The content of this course is comprised of material from a one-day workshop offered by the Smarten Augmented Analytics team, and designed to help business users and organizations initiate a data democratization, data literacy and Citizen Data Scientist environment within their enterprise.

It is important to note that this course material is, by no means, a comprehensive training session meant to produce expert Citizen Data Scientists. The journey to data democratization and Citizen Data Scientists will, by necessity, include significant cultural changes and processes meant to encourage the adoption of augmented analytical tools and a focus on data-driven decision making.

By the end of this course, participants will understand the role and value of Citizen Data Scientists and the benefits to the organization, as well as the integration points and cultural shifts that will position analytical professionals and Citizen Data Scientists to work more productively. Participants will gain a basic understanding of applicable analytical techniques, including predictive analytics, how to apply these techniques to real world business use cases and the augmented analytics tools they can use to make fact-based decisions and move the organization forward.