FREE Online
Citizen Data Scientist Course

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

Section 3 - Benefits of Citizen Data Scientist

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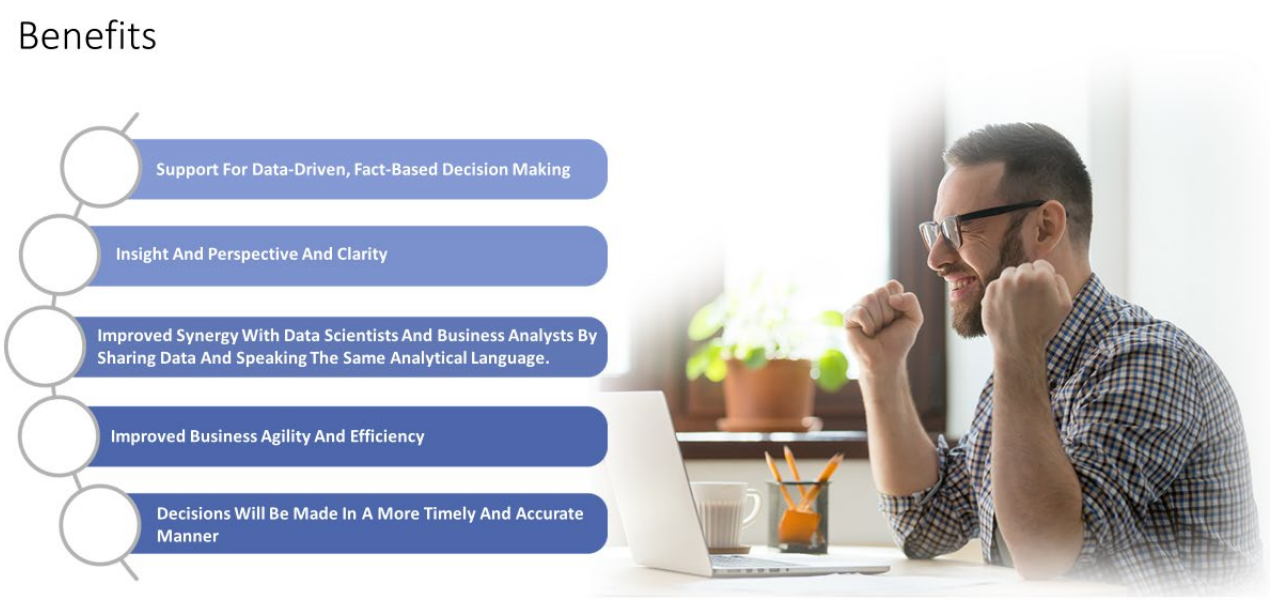
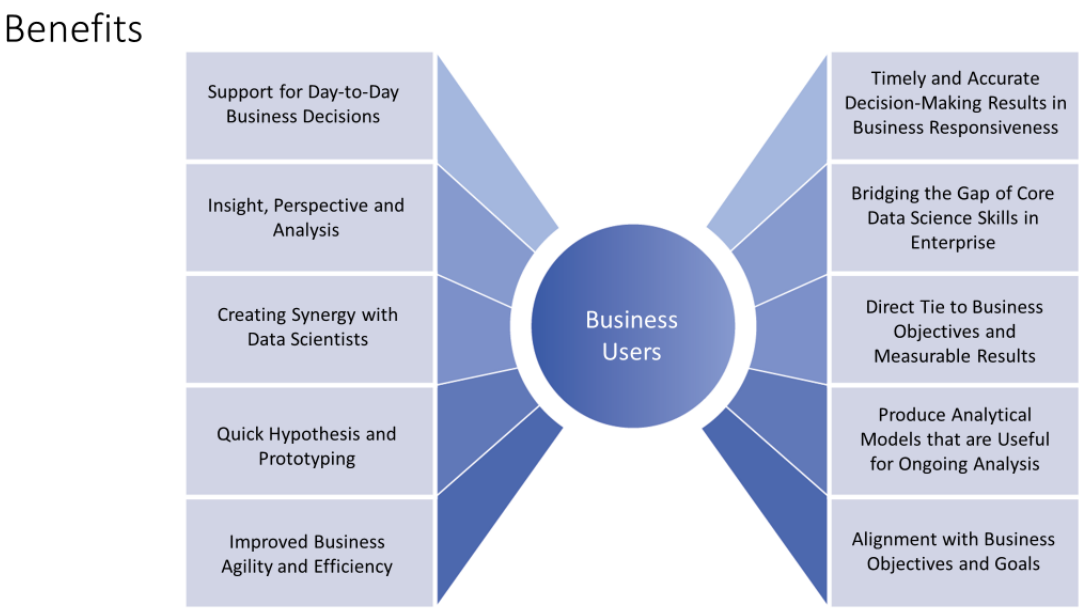
Instructor Notes: This supporting documentation includes a complete set of the slides used in the course material. Some sections also include expanded material, articles and documentation to further student understanding of more complex topics.

For your conenience, 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 3 – Benefits of Citizen Data Scientists





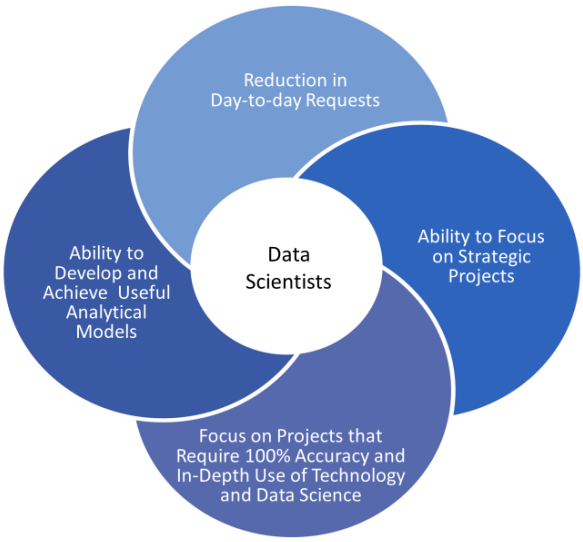
Citizen Data Scientists Improve Productivity and Innovation in the Enterprise!
A business that does not optimize its resources is doomed to fail. In this rapidly changing business environment and market, every organization must make the best of precious human resources. No one has enough funding to hire additional resources to get the job done and, when there are extra funds, those funds are quickly earmarked for new products, marketing and other crucial activities.

Just as markets benefit from disruption, the enterprise too can benefit from disruption. Implementing initiatives to democratize data and improve ***Data Literacy*** is a good way to disrupt the culture and transform business users into ***Citizen Data Scientists***. When business analytics is brought to the team member level it can provide crucial support and an environment where team members can leverage their core skills and knowledge and combine that knowledge with ***Data Analytics*** to innovate, solve problems and support organizational goals.

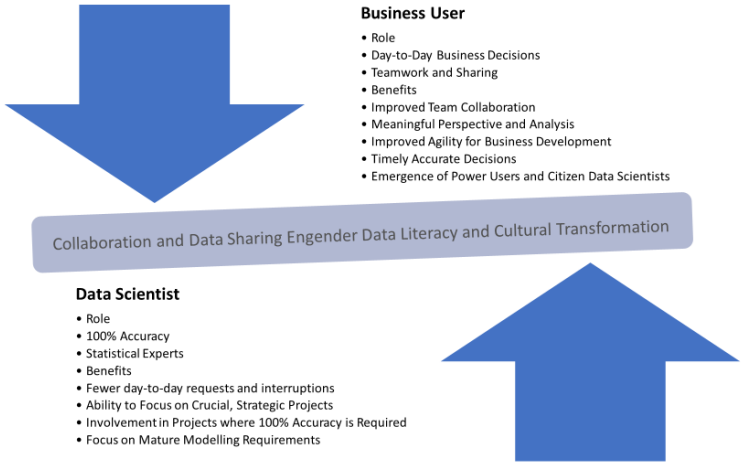
Data Scientists play a critical role in some organizations and can continue to focus on strategic initiatives while business users are free to make confident day-to-day decisions, share data and perform ***Advanced Analytics***, all without the assistance of IT professionals or analysts.

A Citizen Data Scientist can add significant value to the organization and, as business users adopt ***Business Analytics*** tools, and data is shared, power users will emerge and the enterprise will gain insight into the type of data and reporting that is crucial to the organization and can help to plan, forecast and identify opportunities.

Benefits



Optimize Business Users And Data Scientists



Gartner Strategic Assumptions Reveal The Importance And Benefits Of Citizen Data Scientists

- The number of Citizen Data Scientists will grow five times faster than the number of expert data scientists.
- Augmented Analytics will be a dominant driver of new purchases of analytics and BI as well as data science and machine learning platforms, and of embedded analytics
- By 2025, 50% of data scientist activities will be automated by AI, easing the acute talent shortage.
- By 2025, a scarcity of data scientists will no longer hinder the adoption of data science and machine learning in organizations.

Gartner Strategic Assumptions

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Benefits

Improve Problem Solving, Identify Opportunities
Data and Analytic Democratization, Data Sharing
Engender Collaborative Culture
Improve DS, IT and Business User Productivity
The Organization
Reduce Re-Work and Missteps
Improve Time to Market
Optimize Business Knowledge and Direct Impact of Knowledge Workers
Bridge Critical Skills Gap for Data Science