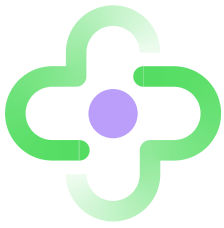# Data Newcomer

Data Newcomers are still in the beginning stages of data literacy, having recognized the benefits of working with data in their current roles.

They need foundational learning in data and analysis as well as critical and analytical thinking. They can then build on this foundation with skills in advanced analytical concepts, visualization and storytelling.

Data Newcomer

Learning resources for Data Newcomer

Target Skillset	Desired Outcomes	Learning Resources
Data Literacy	Ensure foundational skills in data and analytics are in place.	• FREE online courses at qlik.com/GetDataLiterate
Mindset	Develop skills within critical and analytical thinking Develop skills within decision literacy	• Video: Decision Intelligence with Cassie Kozyrkov • Book: "The Demon-Haunted World—Science as a Candle in the Dark"
Leadership	Study of leadership principles and development Learn own weaknesses and develop skills	• Book: "First, Break All the Rules" • Book: "How to Win Friends and Influence People" • Book: "Drive"
Communication	Learn and develop beginning skills within data vocabulary and fluency Develop the ability to communicate plans and thoughts regarding data	• Public speaking course/book • Book: "How to Win Friends and Influence People" • Book: "Talk Like TED"
Statistic and analytical skills	Begin study of statistics and analytical concepts and trends Study basic knowledge and understanding of analytics	• Instructor-Led Learning: Foundation of Data Analytics (more information at qlik.com/GetDataLiterate) • Podcast: "Data Skeptic" • Book: "Naked Statistics"
Coding	Develop beginner skills and understanding with regard to coding	• Book: "The Signal and the Noise: Why So Many Predictions F But Some Don't" • Book: "Factfulness" by Hans Rosling
Continuous learning on visualization and storytelling	Develop beginning skills in visualization building Learn basic charts and their purposes	• Qlik Continuous Classroom Tracks: Business Analyst, Data Architect and System Administrator • Book: "The Story Factor: Inspiration, Influence, and Persuasion through the Art of Storytelling" • Book: "Resonate: Present Visual Stories that Transform Audiences"
Other		• Blogs, webinars and resources: qlik.com/DataLiteracy

Be Data Brilliant