

1. Record Nr.	UNINA9910427051803321
Autore	Fouda Engy
Titolo	Learn data science using SAS Studio : a quick-start guide // Engy Fouda
Pubbl/distr/stampa	[Place of publication not identified] : , : APress, , [2020] ©2020
ISBN	1-4842-6237-9
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XVII, 226 p. 206 illus.)
Disciplina	519.502855369
Soggetti	SAS (Computer program language) Big data Data mining
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Part 1: Basics -- Chapter 1: Data Science in Action -- Chapter 2: Getting Started -- Chapter 3: Data Visualization -- Part 2: More Programming -- Chapter 4: Statistical Analysis and Linear Models -- Chapter 5: Advanced Data Preprocessing -- Chapter 6: Preparing Data for Analysis -- Part 3: Advanced Topics -- Chapter 7: Regression -- Chapter 8: SAS Visual Statistics – Viya -- Chapter 9: What Is Next? -- Appendix: Resources -- .
Sommario/riassunto	Do you want to create data analysis reports without writing a line of code? This book introduces SAS Studio, a free data science web browser-based product for educational and non-commercial purposes. The power of SAS Studio comes from its visual point-and-click user interface that generates SAS code. It is easier to learn SAS Studio than to learn R and Python to accomplish data cleaning, statistics, and visualization tasks. The book includes a case study about analyzing the data required for predicting the results of presidential elections in the state of Maine for 2016 and 2020. In addition to the presidential elections, the book provides real-life examples including analyzing stocks, oil and gold prices, crime, marketing, and healthcare. You will see data science in action and how easy it is to perform complicated tasks and visualizations in SAS Studio. You will learn, step-by-step,

how to do visualizations, including maps. In most cases, you will not need a line of code as you work with the SAS Studio graphical user interface. The book includes explanations of the code that SAS Studio generates automatically. You will learn how to edit this code to perform more complicated advanced tasks. The book introduces you to multiple SAS products such as SAS Viya, SAS Analytics, and SAS Visual Statistics. You will: Become familiar with SAS Studio IDE Understand essential visualizations Know the fundamental statistical analysis required in most data science and analytics reports Clean the most common data set problems Use linear progression for data prediction Write programs in SAS Get introduced to SAS-Viya, which is more potent than SAS studio.
