

Data Science Resource List by OC

The following is an opinionated list of open source and private resources to improve your data science and machine learning skills. This list is by no means an all-inclusive list of tools and resources, but instead some of the ones I have used during my data journey.

Resources

- [OpenAI](#)
- [The Algorithms](#)
- [Data Science Resource Hub - SAS](#)
- [Data Science Central](#)
- [Data, AI, & Machine Learning](#)
- [Social Network Analysis](#)
- [Analyze Data with Python - Codecademy](#)
- [Introduction to Data Science - IBM](#)
- [The Data Scientist's Toolbox - John Hopkins University](#)
- [Professional Certificate in Data Science - Harvard University edX](#)
- [Applied Data Science Program - MIT Professional Education](#)
- [Deep Learning Courses - Deeplizard](#)
- [Data Science on the the Google Cloud Platform](#)

Projects & Books

- [Data Science Projects for Beginnners](#)
- [Deeplearning Toolbox](#)
- [40+ Machine Learning Modern Tutorials](#)
- [100+ Python Projects with SRC](#)
- [R For Data Science - H.Wickham](#)
- [Python Data Science Handbook](#)
- [Hands-On Machine Learning with Scikit-Learn, Keras, and TensorFlow](#)
- [R Books Collection](#)

Library & Packages

- [SciKit-Learn](#)
- [TensorFlow](#)
- [Keras](#)
- [Tidymodels](#)
- [TensorFlow for R](#)
- [Caret](#)

- [H₂O.ai](#)
- [Tidyverse](#)
- [ggplot2](#)
- [Matplotlib](#)
- [Seaborn](#)
- [Google Charts](#)
- [Grafana](#)
- [Datawrapper](#)
- [Hubspot](#)
- [ITOL](#)
- [Visual Cinnamon](#)
- [Posit Cheatsheets](#)
- [Storytelling with Data](#)

BI Tools & Platforms

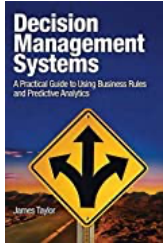
- [KNIME](#)
- [SAS Enterprise Miner](#)
- [IBM Cognos Analytics](#)
- [Splunk MLTK](#)
- [Shiny](#)
- [Mode](#)
- [OSF](#)
- [Quarto](#)

Miscellaneous

- [The Data Science Hangout](#)
- [The Data Canteen](#)
- [Therebase.Dev](#)
- [Data Humans Club](#)
- [Gitshowcase](#)
- [The Odin Project](#)
- [CodeEasy](#)
- [Cybrary](#)
- [Codingame](#)
- [OperationCode.](#)



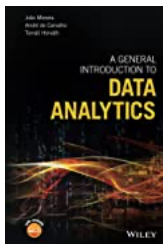
For questions/comments [Email Me Here](#)



1. **Decision Management Systems: A Practical Guide to Using Business Rules and Predictive Analytics (IBM Press)**



2. **Data Science and Big Data Analytics: Discovering, Analyzing, Visualizing and Presenting Data (Books)**



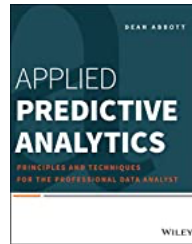
3. **A General Introduction to Data Analytics (Books)**



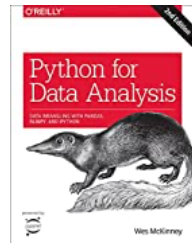
4. **Data Science for Business: What You Need to Know about Data Mining and Data-Analytic Thinking (Books)**



5. **Storytelling with Data: A Data Visualization Guide for Business Professionals A Data Visualization Guide for Business Professionals (Books)**



6. **Applied Predictive Analytics: Principles and Techniques for the Professional Data Analyst Principles and Techniques for the Professional Data Analyst (Books)**



7. **Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython (Books)**



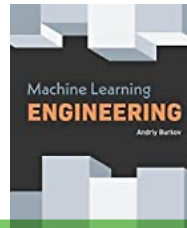
8. **Data Science Projects with Python: A case study approach to gaining valuable insights from real data with machine learning, 2nd Edition A case study approach to gaining ...**



9. Learn Python 3 the Hard Way: A Very Simple Introduction to the Terrifyingly Beautiful World of Computers and Code (Zed Shaw's Hard Way Series) A Very Simple Introduction to the Terrifyingly Beautiful World of Computers and Code Zed Shaw's Hard Way Series (Books)



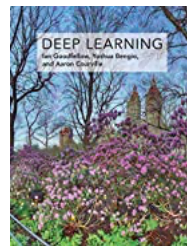
12. The Hundred-Page Machine Learning Book (Books)



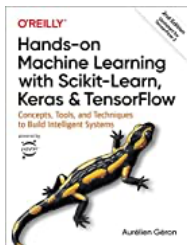
13. Machine Learning Engineering (Books)



10. Data Science from Scratch: First Principles with Python (Books)



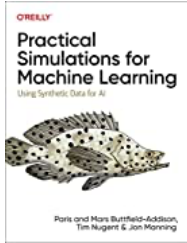
14. Deep Learning (Adaptive Computation and Machine Learning series) Adaptive Computation and Machine Learning series (Books)



11. Hands-On Machine Learning with Scikit-Learn, Keras, and TensorFlow: Concepts, Tools, and Techniques to Build Intelligent Systems (Books)



15. Data Engineering with Python: Work with massive datasets to design data models and automate data pipelines using Python Work with massive datasets to design data models and automate data pipelines using Python (Books)



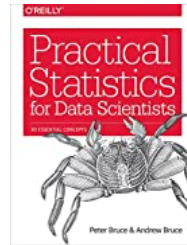
16. **Practical Simulations for Machine Learning: Using Synthetic Data for AI Using Synthetic Data for AI (Books)**



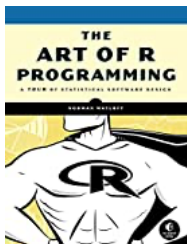
20. **Applied Predictive Modeling (Books)**



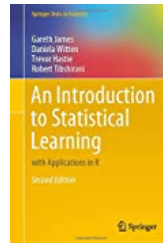
17. **R for Data Science: Import, Tidy, Transform, Visualize, and Model Data (Books)**



21. **Practical Statistics for Data Scientists: 50 Essential Concepts (Books)**



18. **The Art of R Programming: A Tour of Statistical Software Design A Tour of Statistical Software Design (Books)**



22. **An Introduction to Statistical Learning: with Applications in R (Springer Texts in Statistics) Springer Texts in Statistics with Applications in R (Books)**



19. **Advanced R, Second Edition (Chapman & Hall/CRC The R Series) Chapman & Hall/CRC The R Series (Books)**



23. **Designing Data-Intensive Applications: The Big Ideas Behind Reliable, Scalable, and Maintainable Systems The Big Ideas Behind Reliable, Scalable, and Maintainable Systems (Books)**