# Data Science Resource List by OC

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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 - Codeacademy
- 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

- $H_2O$.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.

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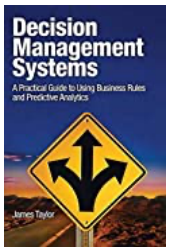
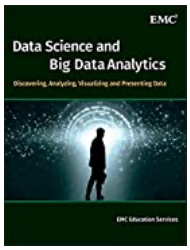
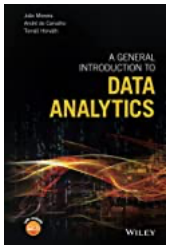
For questions/comments Email Me Here

1. 

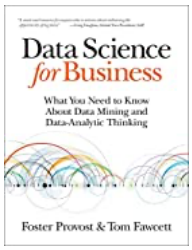
Decision Management Systems: A Practical Guide to Using Business Rules and Predictive Analytics (IBM Press)

2. 

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

3. 

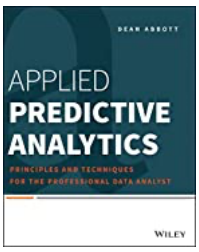
A General Introduction to Data Analytics (**Books**)

4. 

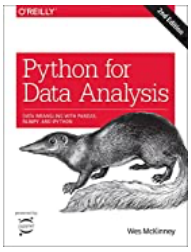
Data Science for Business: What You Need to Know about Data Mining and Data-Analytic Thinking (**Books**)

5. 

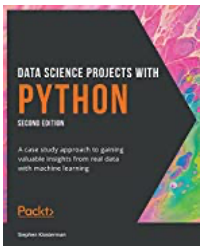
Storytelling with Data: A Data Visualization Guide for Business Professionals A Data Visualization Guide for Business Professionals (**Books**)

6. 

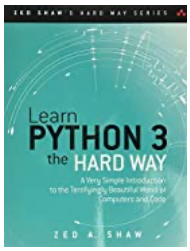
Applied Predictive Analytics: Principles and Techniques for the Professional Data Analyst Principles and Techniques for the Professional Data Analyst (**Books**)

7. 

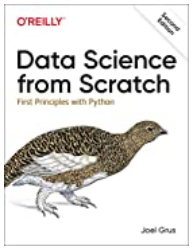
Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython (**Books**)

8. 

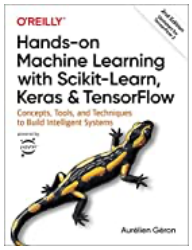
Data Science Projects with Python: A case study approach to gaining valuable insights from real data with machine learning, 2nd Edition A case study approach to gaining …

9. 

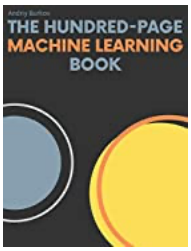
Learn Python 3 the Hard Way: A Very Simple Introduction to the Terrifyingly Beautiful World of Computers and Code (Zed Shaw's Hard Way Series) A Very Simple Introduction to the Terrifyingly Beautiful World of Computers and Code Zed Shaw's Hard Way Series (**Books**)

10. 

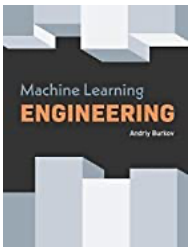
Data Science from Scratch: First Principles with Python (**Books**)

11. 

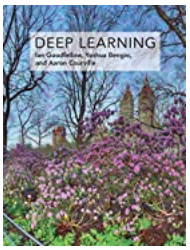
Hands-On Machine Learning with Scikit-Learn, Keras, and TensorFlow: Concepts, Tools, and Techniques to Build Intelligent Systems Concepts, Tools, and Techniques to Build Intelligent Systems (**Books**)

12. 

The Hundred-Page Machine Learning Book (**Books**)

13. 

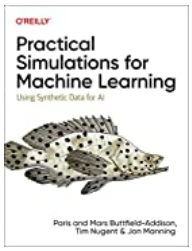
Machine Learning Engineering (**Books**)

14. 

Deep Learning (Adaptive Computation and Machine Learning series) Adaptive Computation and Machine Learning series (**Books**)

15. 

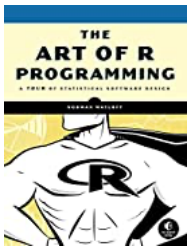
Data Engineering with Python: Work with massive datasets to design data models and automate data pipelines using Python Work with massive datasets to design data models and automate data pipelines using Python (**Books**)

16. 

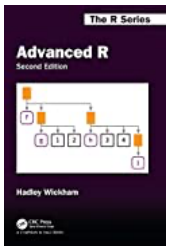
Practical Simulations for Machine Learning: Using Synthetic Data for AI Using Synthetic Data for AI (**Books**)

17. 

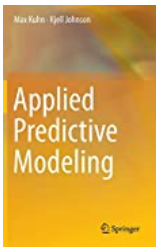
R for Data Science: Import, Tidy, Transform, Visualize, and Model Data (**Books**)

18. 

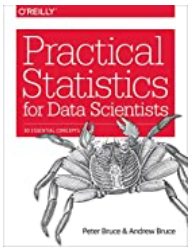
The Art of R Programming: A Tour of Statistical Software Design A Tour of Statistical Software Design (**Books**)

19. 

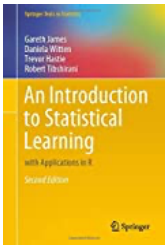
Advanced R, Second Edition (Chapman & Hall/CRC The R Series) Chapman & Hall/CRC The R Series (**Books**)

20. 

Applied Predictive Modeling (**Books**)

21. 

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

22. 

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