Bibliografia y recursos

Artificial Intelligence / Machine Learning

[Introduction to statistical learning – J. Gareth et al](#).

The book. A must read for any person interested in grasping a foundational knowledge on the subject.

[Neural networks and deep learning – M. Nielsen](#)

A gentle introduction to deep learning. Nice to read and easy to understand.

[Deep learning - I. Goodfellow](#)

A comprehensive book focused on modern deep learning and neural networks from one the fathers of the state of the art. Harder than M. Nielsen.

Bibliografia y recursos

Python

[Think Python – Allen B. Downey](#)

A nice introductory book on how to use python for software development in a *pythonic* way (Beginner)

[Fluent Python - Luciano Ramalho](#)

This book is more recommended for medium level python programmers who have learned how to code organically and want to deep dive on some of the language perks.

[Effective python – Brett Slatkin](#)

A well-structured book that helps structuring how python should be code. In words of Wes McKinney (creator of Pandas):

"(…) practical Python programming wisdom that can benefit programmers of all experience levels."

Bibliografia y recursos

Python for AI and ML

Hands-on Machine Learning with Scikit-Learn, Keras, and Tensorflow – A. Géron

The book to go for applied machine learning and deep learning. An excellent introductory to advanced book to get used on how to conceive AI based solutions to current problems with hands-on examples.

Agile Data Science 2.0 – R. Jurney

A nice blend of python for AI and ML with product development from scratch. An interesting approach that gives the practicioner a good panoramic view on how an AI / ML application may fit in nowadays developer's tech stack.

Data Science from scratch – J. Grus

Building your own data science python library from scratch while understanding the mathematical and statistical concepts behing "model.fit()" or "model.predict()"

Bibliografia y recursos

Otros

[Machines who think – P. McCorduck](#) (pdf)

Written in the late 1970s this books offers a good introduction and historical context about about the early history Artificial Intelligence. Easy to read and for all audiences.

[The Information - J. Gleick](#)

A monumental essay gathering the history of information as a topic and how social and cultural revolutions revolve around it. Special chapters dedicated to Shannon's entropy and the Darmouth conference.