

BIBLIOGRAFÍA

Data 101

- DAMA-DMBOK (2nd Edition): Data Management Body of Knowledge
- <u>Data Governance</u>: How to Design, Deploy and Sustain an Effective Data Governance Program
- T-SQL Querying
- The DataWarehouse ETL Toolkit
- ¿Cómo crear un DataWarehouse?

BD Architecture

- Hadoop for dummies
- Hadoop the definitive guide
- Clean Architecture
- Software Architecture Patterns
- Design Data intensive architectures
- Web Scraping with Python

BD Processing

• Spark - The Definitive Guide

Data Visualization

- Learning Tableau 10 Second Edition
- Communicating Data with Tableau
- Practical Tableau: 100 Tips, Tutorials, and Strategies from a Tableau Zen Master

Statistics

- Practical Statistics for Data Scientists: 50 Essential Concepts
- R for Data Science: Import, Tidy, Transform, Visualize, and Model Data

Algebra

- Coding the Matrix
- Curso de Álgebra
- Álgebra lineal v Geometría
- Álgebra lineal y sus aplicaciones
- Álgebra v cálculo tensorial
- Doing math with Python
- Introduction to Applied Linear Algebra: Vectors, Matrices, and Least Squares
- Matrix Analysis and Applications
- 50 problemas curiosos de Álgebra y Aritmética

Data Mining

- Introducción a la minería de datos
- Minería de datos a través de ejemplos



Machine Learning

Básica

- An introduction to statistical learning
- Introduction to machine learning with python
- Applied predictive modeling

<u>Avanzada</u>

- The elements of statistical learning
- Machine Learning a probabilistic perspective

Deep Learning

Libros y cursos:

- Deep Learning by Ian Goodfellow and Yoshua Bengio and Aaron Courville
- CS231n: Convolutional Neural Networks for Visual Recognition
- Deep Learning with Python

Recursos para buscar:

- PylmageSearch blog
- Medium blog
- HackerNoon blog

NLP & Searching

Básica

- Speech & Language Processing
- Neural Network Methods in Natural Language Processing
- Foundations of Statistical Natural Language Processing
- Information Retrieval

Recursos

- Curso NLP stanford
- Natural Language Processing almost from scratch
- Machine Learning subreddit
- Computation and Language reddit. (Papers)