

机器学习相关网址

作者：凯鲁嘎吉 - 博客园 <http://www.cnblogs.com/kailugaji/>

更多内容，请看：[文献查找](#)

1. 个人博客/个人主页

Free Mind

<http://freemind.pluskid.org/>

Junhao Hua 博客 | huajh7's Blog

<http://blog.huajh7.com/>

<https://huajh.github.io/>

Jorbe's Blog | Never say never

<http://jorbe.sinaapp.com/>

刘未鹏 | Mind Hacks - 思维改变生活

<http://mindhacks.cn/>

lucky6.coding.me

<http://lucky6.coding.me/>

科学空间 | Scientific Spaces

<https://spaces.ac.cn/>

吴良超的学习笔记

<http://wulc.me/>

Unsupervised learning: The curious pupil | DeepMind

<https://deepmind.com/blog/article/unsupervised-learning>

一些关于机器学习的网站总结 | LiXiang NLP

<http://www.leexiang.com/a-summary-of-some-websites-about-machine-learning>

标点符 - 技术, 思考, 人生 聚类、相似度度量, 机器学习

<https://www.biaodianfu.com/>

[Mophei's blog](#)——优化问题

<https://mopheiok.github.io/>

Math \cap Programming

<https://jeremykun.com/>

The Clever Machine | Topics in Computational Neuroscience & Machine Learning 计算神经科学与机器学习博客

<https://theclevermachine.wordpress.com/>

卢明冬的博客 | 自由思考的空间

<https://lumingdong.cn/>

SHEN's BLOG

<https://shenxiaohai.me/>

Agustinus Kristiadi's Blog

Uncertainty quantification in deep learning、Bayesian inference and Riemannian geometry

<https://wiseodd.github.io/>

USTCcoder 机器学习与深度学习(包括聚类)

<https://ustccoder.github.io/>

圆眼睛的阿凡提哥哥(数学相关)

<https://murongxixi.github.io/>

Jindong Wang's Personal Website (王晋东 迁移学习)

<http://jd92.wang/>

机器不太会学习(范数、优化)

<https://sakigami-yang.me/>

关于GAN

<http://www.twistedwg.com/>

STEFANIE JEGELKA(统计、优化)

<http://people.csail.mit.edu/stefje/index.html>

李宏毅

<https://speech.ee.ntu.edu.tw/~tlkagk/>

Chelsea Finn 元学习

<https://ai.stanford.edu/~cbfinn/>

Post Archive | Zero meta-RL

<https://xlnw.github.io/blog/posts/>

CampusAI RL

<https://campusai.github.io/theory/>

郭西风 深度聚类

<https://xifengguo.github.io/>

2. 相关书籍

Data Mining and Analysis Main/Book Resources

<http://www.dataminingbook.info/pmwiki.php/Main/BookResources>

Introduction - Computer Graphics from scratch - Gabriel Gambetta

<https://www.gabrielgambetta.com/computer-graphics-from-scratch/introduction.html>

Gaussian Processes for Machine Learning: Contents

<http://www.gaussianprocess.org/gpml/chapters/>

机器学习原理

<https://www.cntofu.com/book/85/index.html>

Mathematics for Machine Learning | Companion webpage to the book "Mathematics for Machine Learning". Copyright 2019 by Marc Peter Deisenroth, A Aldo Faisal, and Cheng Soon Ong. To be published by Cambridge University Press.

<https://mml-book.github.io/>

数据常青藤 | 人工智能、机器学习、深度学习、神经网络、模式识别、自然语言处理、图像识别...数据智能工作才是数据的未来!

<http://www.dataivy.cn/>

Machine Learning: The Art and Science of Algorithms that Make Sense of Data by Peter Flach

<https://mlbook.cs.bris.ac.uk/>

吴恩达《机器学习》笔记

<https://wei2624.github.io/machine%20learning/Machine-Learning-Notes/>

周志华《机器学习》学习笔记

<https://github.com/Vay-keen/Machine-learning-learning-notes>

南瓜书(西瓜书的公式推导)

<https://datawhalechina.github.io/pumpkin-book/#/>

邱锡鹏：《神经网络与深度学习》

<https://nndl.github.io/>

深度学习阅读清单

<http://deeplearning.net/reading-list/>

Awesome Deep Learning 中文版

<https://github.com/bo-xiong/Awesome-Deep-Learning-for-Chinese>

AI算法工程师手册

<http://www.huaxiaozhuan.com/>

李航《统计学习方法》(第2版) 课件

http://www.tup.tsinghua.edu.cn/booksCenter/book_08132901.html#

<https://pan.baidu.com/s/1HUw0MeBD-1LP-r441oykhw>

鸠摩搜索(用来搜索pdf书籍, 免费下载电子书)

<https://www.jiumodiary.com/>

脚本之家(免费下载电子书)

<https://www.jb51.net/books/>

Introduction to Information Retrieval (信息检索导论, 有文本分类, 聚类)

<https://nlp.stanford.edu/IR-book/>

Home | Bookdown R语言, 数据挖掘在线书籍

<https://bookdown.org/>

matlab教程(初学者)

https://www.ml.uni-saarland.de/MatlabTutorial/intro_matlab_en.pdf

The Elements of Statistical Learning

<https://esl.hohoweiya.xyz/book/The%20Elements%20of%20Statistical%20Learning.pdf>

<https://esl.hohoweiya.xyz/index.html> (中文翻译)

Algebra, Topology, Differential Calculus, and Optimization Theory For Computer Science and Machine Learning(史上最全的面向计算机专业的数学基础图书)

<https://www.cis.upenn.edu/~jean/math-deep.pdf>

动手学深度学习

<https://zh-v2.d2l.ai/>

Introduction to Data Mining (Second Edition)

<https://www-users.cs.umn.edu/~kumar001/dmbook/index.php>

深度强化学习中文2020

https://github.com/wangshusen/DRL/blob/master/Notes_CN/DRL.pdf

王东 机器学习导论2021

<http://166.111.134.19:7777/mlbook/release/21-01-02/book.pdf>

Random: Probability, Mathematical Statistics, Stochastic Processes, 概率, 数理统计, 随机过程在线书籍

<http://www.randomservices.org/random/index.html>

数值分析笔记

<https://o-o-sudo.github.io/numerical-methods/>

3. 计算机课程

工程数值分析| 电气与计算机工程系| 滑铁卢大学

<https://ece.uwaterloo.ca/~dwharder/NumericalAnalysis/>

Machine Learning - complete course notes

<http://www.holehouse.org/mlclass/>

Stephen P. Boyd 凸优化, 优化问题, 近端算法等运筹学知识

<https://web.stanford.edu/~boyd/>

Level Set Method: an Explanation

<http://profs.etsmtl.ca/hlombaert/levelset/>

Carlos Rodriguez's Home Page 概率论: 科学的逻辑

<https://omega0.xyz/omega8008/>

Max Welling's Classnotes in Machine Learning

<https://www.ics.uci.edu/~welling/classnotes/classnotes.html>

Gatsby Computational Neuroscience

<http://www.gatsby.ucl.ac.uk/teaching/courses/index.html>

Frank Wood, Associate Professor, (Information) Engineering, Oxford 无监督学习

http://www.robots.ox.ac.uk/~fwood/teaching/C19_hilary_2016_2017/index.html

Yee Whye Teh 统计机器学习, 贝叶斯

<https://www.stats.ox.ac.uk/~teh/>

OxCSML : Groups : Machine Learning 统计机器学习

<http://csml.stats.ox.ac.uk/learning/>

Applied Mathematics for Computer Science

<http://www.cad.zju.edu.cn/home/zhx/csmath/doku.php?id=start>

高斯过程

<http://mlg.eng.cam.ac.uk/carl/>

| DISTRIBUTED-SYSTEMS.NET 分布式系统

<https://www.distributed-systems.net/>

Hung-yi Lee

<http://speech.ee.ntu.edu.tw/~tlkagk/courses.html>

Numerical Methods for Data Science(涉及数值优化、低秩张量、GCN等)

<https://www.cs.cornell.edu/courses/cs6241/2020sp/>

Laurent El Ghaoui(涉及优化、稀疏)

<https://people.eecs.berkeley.edu/~elghaoui/index.html>

ECE236C - Optimization Methods for Large-Scale Systems

<http://www.seas.ucla.edu/~vandenbe/ee236c.html>

文再文 北京大学 (运筹学、凸优化、数值优化, 包含相关课件及中文版书籍)

<http://bicmr.pku.edu.cn/~wenzw/index.html>

<https://bicmr.pku.edu.cn/~wenzw/optbook.html> (最优化)

<https://bicmr.pku.edu.cn/~wenzw/optbook/pages/contents/contents.html> (最优化)

计算方法 数学科学学院, 中国科学技术大学 童伟华

http://staff.ustc.edu.cn/~tongwh/NA_2021/

https://www.cs.toronto.edu/~rgrosse/courses/csc2541_2022/

ECSE 506: Stochastic Control and Decision Theory

<https://adityam.github.io/stochastic-control/notes/>

4. 数据集

各领域公开数据集下载 - 知乎

<https://zhuanlan.zhihu.com/p/25138563>

常见公开数据集（持续更新...） - 简书

<https://www.jianshu.com/p/13420e9cf532>

100款机器学习数据集 - haoji007的博客 - CSDN博客

<https://blog.csdn.net/haoji007/article/details/81020229>

Datasets for Data Science and Machine Learning

<https://elitedatascience.com/datasets>

人工智能机器学习数据集收集整理--持续更新中 - 简书

<https://www.jianshu.com/p/8c7c1af7d593>

CVonline: Image Databases

<http://homepages.inf.ed.ac.uk/rbf/CVonline/Imagedbase.htm>

【机器学习数据集大列表】“Dataset list — A list of the biggest machine learning datasets”

<https://www.datasetlist.com/>

迁移学习数据集

<http://transferlearning.xyz/>

[LIBSVM](#) Data: Classification, Regression, and Multi-label

<https://www.csie.ntu.edu.tw/~cjlin/libsvmtools/datasets/>

用于特征学习的代码和数据集(LapGMM)

<http://www.cad.zju.edu.cn/home/dengcai/Data/data.html>

UCI Machine Learning Repository

<https://archive.ics.uci.edu/ml/index.php>

Clustering datasets

<http://cs.uef.fi/sipu/datasets/>

Data for MATLAB hackers

<https://cs.nyu.edu/~roweis/data.html>

5. 其他

林子雨编著-大数据软件安装和编程实践指南_厦门大学数据库实验室

<http://dblab.xmu.edu.cn/post/7586/>

Peer to Peer (P2P,对等网络) 综述

<http://www.intsci.ac.cn/users/luojw/P2P/>

GitHub - jindongwang/transferlearning: Everything about Transfer Learning and Domain Adaptation--迁移学习

<https://github.com/jindongwang/transferlearning>

在线 LaTeX 公式编辑器

<https://www.codecogs.com/latex/eqneditor.php>

Wolfram MathWorld: The Web's Most Extensive Mathematics Resource 线上数学百科全书

<http://mathworld.wolfram.com/>

arXiv Analytics 直接看到最新的arXiv文章

<http://arxitics.com/>

How to Write Guide: Sections of the Paper

<http://abacus.bates.edu/~ganderso/biology/resources/writing/HTWsections.html>

计算机视觉方面博客及代码 - 知乎

<https://zhuanlan.zhihu.com/p/30104462>

Codes and Datasets for Feature Learning

<http://www.cad.zju.edu.cn/home/dengcai/Data/data.html>

Matlab Toolbox for Dimensionality Reduction(MATLAB降维, 特征选择工具箱)

<https://lvdmaaten.github.io/drtoolbox/>

<https://ww2.mathworks.cn/matlabcentral/fileexchange/56937-feature-selection-library>

MATLAB Source Codes

https://people.sc.fsu.edu/~jburkardt/m_src/m_src.html

【数据科学机器学习算法速查】《101 Machine Learning Algorithms for Data Science | Data Science Blog》by Nathan Piccini

<https://blog.datasciencedojo.com/machine-learning-algorithms/>

我爱分享网(用来下载软件)

<http://www.zhanshaoyi.com/>

基于TF-IDF算法实现的在线分词工具

<https://cws.9sep.org/extract>

找论文源码

<https://paperswithcode.com/>

<https://www.catalyzex.com/>

<https://github.com/>

download free open source code for you projects (免费下载源码)

<http://freesourcecode.net/>

Higher educational resources for college, graduate school, and online learning.

Also includes test preparation, admissions essay, and information about financial aid and study abroad programs.

(用来查个人陈述简历模板)

[The Eduers.com: Higher Education Online](http://TheEduers.com)

<https://www.studential.com/>

百度开发者搜索。开发者只需在搜索框中输入关键词，就可以快速查找程序相关的项目文件及信息。

<https://kaifa.baidu.com/home>

小时百科(数学物理计算数学相关概念介绍)

<https://wuli.wiki/online/index.html>

菜鸟工具，在线小工具

<https://c.runoob.com/>