

AI/ML

# Expert's Way To Search On Google For Machine Learning, Data Science, And Programming Practitioners

🕒 JULY 11, 2021    💬 0

Is Googling underrated? Share your thoughts wherever you find this post. Google is a powerful tool, but you're missing out on a lot of that power if you just type words into it. Many of Google's search operators aren't very well-known and we think every machine learning enthusiast, data scientist, developers and others should know about them. Whether you're a newbie or an expert, you'll probably find at least one search operator you weren't aware of here.

Let's learn how to become a Thor in Googling

Note: Try to search terms with these operators and without them. It will help you to understand the power of this filtering operators.

### 👉 **Double quotes**

Instead of simple searching any sentence, If you use double quotes and search for let's say "what is machine learning", Google gives priority to the results that contain this phrase exactly as it is in their contents.

See the results for: "what is machine learning"



"What is machine learning"



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About 898,000 results (0.93 seconds)

<https://www.ibm.com> › Cloud › Cloud Learn

**What is Machine Learning? | IBM**

Jul 15, 2020 — **What is machine learning?** ... Machine learning is a branch of artificial intelligence (AI) and computer science which focuses on the use of data and ...

[What is machine learning?](#) · [Machine Learning vs. Deep...](#)

## 👉 Define operator

You don't have to Google a word and look for a dictionary link if you want to see its definition. Use the following search trick and you'll see an inline definition.

See the results for: [define: backpropagation](#)



define:backpropagation



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About 1,850,000 results (0.68 seconds)

<https://en.wikipedia.org/wiki/Backpropagation>

## Backpropagation - Wikipedia

**Backpropagation** · In · The term **backpropagation** strictly refers only to the algorithm for computing the gradient, not how the gradient is used; however, the term is ...

[Neural backpropagation](#) · [Backpropagation through time](#) · [Delta rule](#)

### People also ask

What is Backpropagation?



What is Backpropagation with example?



What is back propagation neural network?



What is back propagation in psychology?



Feedback

<https://deeptai.org/machine-learning-glossary-and-terms>

## Backpropagation Definition | DeepAI

**Backpropagation** involves the calculation of the gradient proceeding backwards through the feedforward network from the last layer through to the first. To ...

## 👉 Keep a domain out of search

Tired of seeing a single website articles on your SERPs? Use `-site:domain` before your search term to remove results from that site.

See the results for: [-site:wikipedia.org overfitting](#)



-site:wikipedia.org overfitting



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About 6,170,000 results (0.58 seconds)

<https://machinelearningmastery.com> › Blog

## Overfitting and Underfitting With Machine Learning Algorithms

Mar 21, 2016 — **Overfitting** happens when a model learns the detail and noise in the training data to the extent that it negatively impacts the performance of the ...

### People also ask

What is meant by Overfitting?



What is Overfitting and why is it a problem?



What causes Overfitting?



What is Overfitting and how do you detect it?



Feedback

<https://www.investopedia.com> › ... › Financial Analysis

## Overfitting Definition - Investopedia

**Overfitting** is an error that occurs in data modeling as a result of a particular function aligning too closely to a minimal set of data points. · Financial professionals are ...

<https://www.ibm.com> › Cloud › Cloud Learn

## What is Overfitting? | IBM

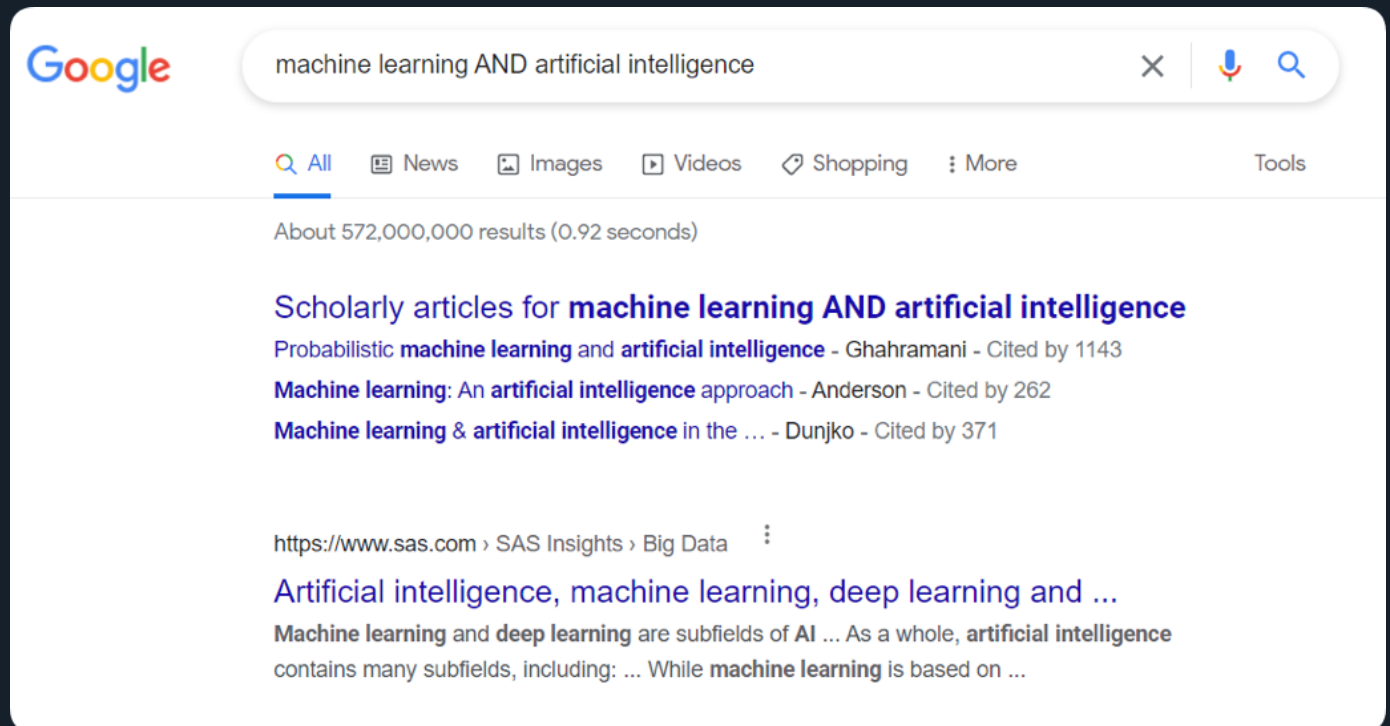
Mar 3, 2021 — **Overfitting** is a concept in data science, which occurs when a statistical model fits exactly against its training data. When this happens, the ...

[What is overfitting?](#) · [Overfitting vs. underfitting](#) · [How to avoid overfitting](#)

## 👉 AND operator

If you want to search for pages that contain both these terms, you can use the AND operator in between the two words to specify that both of them should be in search results.

See the results for: machine learning AND artificial intelligence



## 👉 Search within a specific domain extension

If you know you're looking for information or details most likely found on an educational or scholarly website, limit your search results to those domains. Use the `site:edu` before your search terms to only get results from .edu and scholarly research websites.

See the results for: site:edu machine learning



site:edu machine learning



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About 46,400,000 results (0.60 seconds)

<https://www.ml.cmu.edu>

### Machine Learning - CMU - Carnegie Mellon University ...

**Machine Learning** (ML) is a fascinating field of Artificial Intelligence (AI) research and practice where we investigate how computer agents can improve their ...

<https://online-learning.harvard.edu> › course › data-scie...

### Data Science: Machine Learning | Harvard University

In this course, part of our Professional Certificate Program in Data Science, you will learn popular **machine learning** algorithms, principal component analysis, and ...

<https://mitsloan.mit.edu> › ideas-made-to-matter › machi...

### Machine learning, explained | MIT Sloan

Apr 21, 2021 — **Machine learning** is a powerful form of artificial intelligence that is affecting every industry. Here's what you need to know about its potential and ...

## 👉 Search for a particular file type

Using this operator, You can find content in specific file type. As an example, We have tried this operator for "machine learning algorithms pdf".

See the results for: [machine learning algorithms file type:pdf](#)



machine learning algorithms filetype:pdf



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About 88,100,000 results (0.85 seconds)

## Scholarly articles for **machine learning algorithms filetype:pdf**

A review of **machine learning algorithms** for text- ... - Khan - Cited by 637

Pro **machine learning algorithms** - Ayyadevara - Cited by 33

**Machine Learning Algorithms-A Review** - Mahesh - Cited by 249

<https://arxiv.org> > pdf

## A Comparative Study on Machine Learning Algorithms ... - arXiv

by I Hammad · 2019 · Cited by 2 — machine learning models to predict the direction of a wall following robot is ... learning and **deep learning algorithms** on this dataset. Therefore, providing an ...

## People also ask

What are the algorithms in machine learning?



What is the best machine learning algorithm?



What are the five popular algorithms of machine learning?



Is SVG machine learning algorithm?



Feedback

<https://www.cs.huji.ac.il/~shais> > understanding-m...

## Understanding Machine Learning: From Theory to Algorithms

Understanding **Machine Learning**: From Theory to **Algorithms** c 2014 by Shai Shalev-Shwartz and Shai Ben-David. Published 2014 by Cambridge University ...  
449 pages

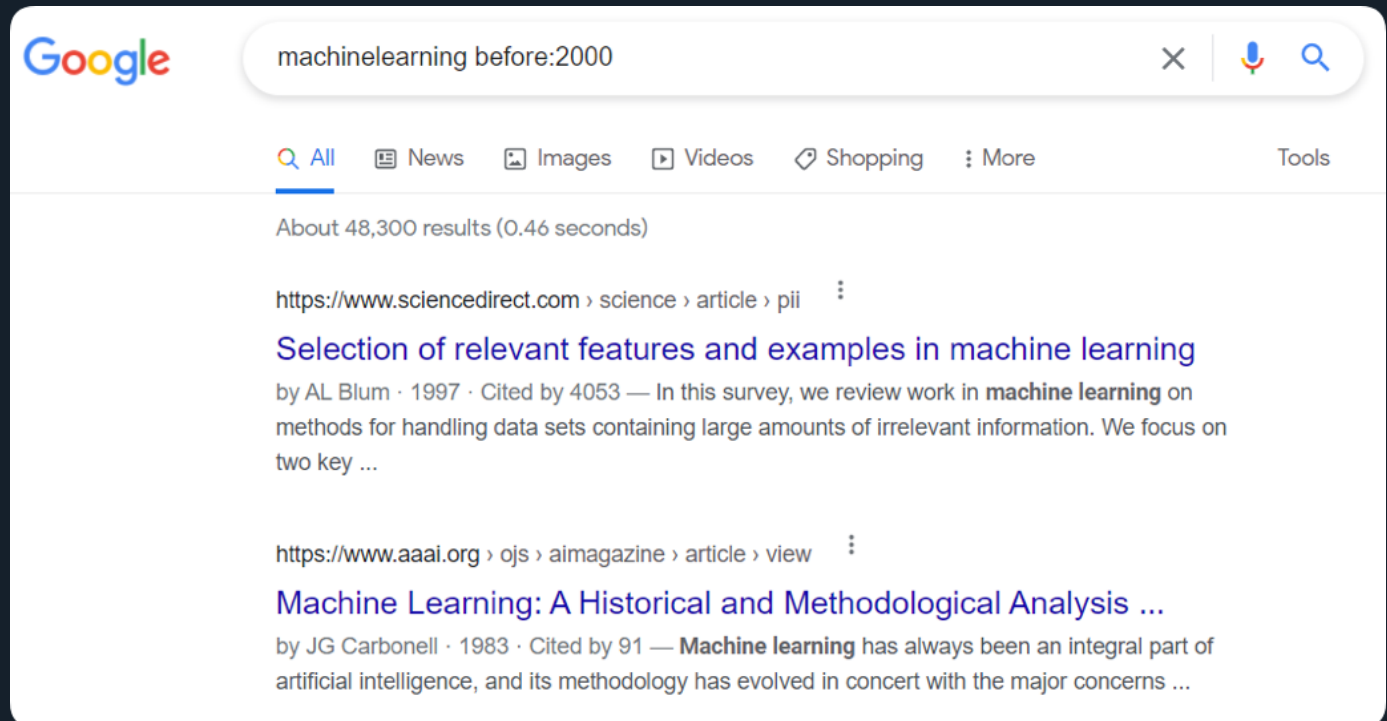
Take a look at "**Recommendation Algorithms and System Designs of Airbnb, Dropbox, Spotify, Netflix, Yelp, and Uber**"

Before operator



When you want to find content that is published before a specific date, you should use the 'before' operator. You can also write a specific year or a complete date (in yyyy-mm-dd format) to filter it more deeply.

See the results for: [machine learning before:2000](#)



## 👉 Search in URL

If you're looking for pages originating in 1999, use the inurl:1999 operator before your search term to find pages with 1999 in their URL address.

See the results for: [inurl:1999 neural networks](#)



inurl:1999 neural networks



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About 41,500 results (0.62 seconds)

<https://cacm.acm.org/magazines/1999/11/7779-kn...>

### Knowledge Discovery Based on Neural Networks | November ...

Inspired by biological **neural networks**, it assumes that intelligence emerges ... An artificial **neural network** is "trained" empirically on a data set by adjusting its ...

<http://www.ideal.ece.utexas.edu/1999/tagh99> PDF

### Symbolic Interpretation of Artificial Neural Networks - Data ...

IEEE TRANSACTIONS ON KNOWLEDGE AND DATA ENGINEERING, VOL. 11, NO. 3, MAY/JUNE 1999. Symbolic Interpretation of Artificial **Neural Networks**.

<https://www.amazon.com/Neural-Networks-1999-Inte...>

### Neural Networks 1999 IEEE International Conference: IEEE ...

**Neural Networks** 1999 IEEE International Conference [IEEE **Neural Networks** Council, IEEE] on Amazon.com. \*FREE\* shipping on qualifying offers. Neural ...

## 👉 Search within a site

Did you know that you can search inside a website using Google? The `site:url + keywords` will help you to find anything inside a single website.

See the results for: [site:machinelearning.apple.com GANs](https://www.google.com/search?q=GANs&site:machinelearning.apple.com)



site:machinelearning.apple.com GANs



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About 7 results (0.72 seconds)

[https://machinelearning.apple.com/research/leveraging...](https://machinelearning.apple.com/research/leveraging-gans-to-improve-continuous-path-keyboard-input)

### Leveraging GANs to Improve Continuous Path Keyboard Input ...

In this work, we address this challenge by using **GANs** to augment our training corpus with user-realistic synthetic data. Experiments show that, even though GAN-

[https://machinelearning.apple.com/research/gan](https://machinelearning.apple.com/research/gan-improving-the-realism-of-synthetic-images)

### Improving the Realism of Synthetic Images - Apple Machine ...

The idea of using an adversarial discriminator network is similar to the **GANs** (Generative Adversarial Networks [1]) approach that maps a random vector to an ...

[https://machinelearning.apple.com/research/adversar...](https://machinelearning.apple.com/research/adversarial-fisher-vectors)

### Adversarial Fisher Vectors for Unsupervised Representation ...

We examine Generative Adversarial Networks (**GANs**) through the lens of deep Energy Based Models (EBMs), with the goal of exploiting the...

[https://machinelearning.apple.com/research/learning...](https://machinelearning.apple.com/research/learning-from-simulated-and-unsupervised-images)

### Learning from Simulated and Unsupervised Images through ...

We develop a method for S+U learning that uses an adversarial network similar to Generative Adversarial Networks (**GANs**), but with synthetic images as inputs ...

## 👉 Minus (-) operator

If you want to exclude web pages that contain a certain phrase from your search results, use the minus sign to indicate this in the search term.

See the results for: [machine learning -data science](#)



machine learning -datascience



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About 2,340,000,000 results (0.63 seconds)

<https://www.coursera.org> › [learn](#) › [machine-learning](#)

## Machine Learning by Stanford University | Coursera

Learn **Machine Learning** from Stanford University. **Machine learning** is the science of getting computers to act without being explicitly programmed. In the past ...

[What is Machine Learning?](#) · [Welcome to Machine Learning!](#) · [Online Learning](#)

### People also ask

What exactly is machine learning?



What is the best programming language for machine learning?



What is machine learning used for?



What is machine learning examples?



[Feedback](#)

<https://www.sas.com> › [SAS Insights](#) › [Analytics Insights](#)

## Machine Learning: What it is and why it matters | SAS

**Machine learning** is a method of data analysis that automates analytical model building. It is a branch of artificial intelligence based on the idea that systems can ...

[Neural Networks](#) · [Artificial Intelligence](#) · [The Evolution of Analytics](#)

### 👉 Asterisk (\*) operator

This trick is quite helpful to find information when you are not quite sure what you are looking for. Or when you want to see how far down the rabbit hole of the Google algorithm you can go.

See the results for: [How to \\* in machine learning](#)



How to \* in machine learning



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About 4,680,000,000 results (0.75 seconds)

<https://machinelearningmastery.com/start-here>

## Start Here with Machine Learning - Machine Learning Mastery

... Data in Weka · **How To Handle Missing Values In Machine Learning** Data With Weka · How to Perform Feature Selection With Machine Learning Data in Weka ...

What is Deep Learning? · The Machine Learning... · Applied Machine Learning...

<https://machinelearningmastery.com/blog>

## Your First Machine Learning Project in Python Step-By-Step

Feb 10, 2019 — i'm wondering **how to use gamification in machine learning**. Reply. Jason Brownlee February 9, 2020 at 6:30 am #. Sorry, that's not something I ...

<https://www.usnews.com/education/learn-machine-l...>

## How to Learn Machine Learning A US News Guide | Education

Nov 2, 2020 — **How to Succeed in Machine Learning**. You can succeed in learning machine learning by applying techniques that help you learn other skills.

<https://searchenterpriseai.techtarget.com/feature/How-t...>

## How to build a machine learning model in 7 steps

The surefire **way to achieve success in machine learning** model building is to continuously look for improvements and better ways to meet ...

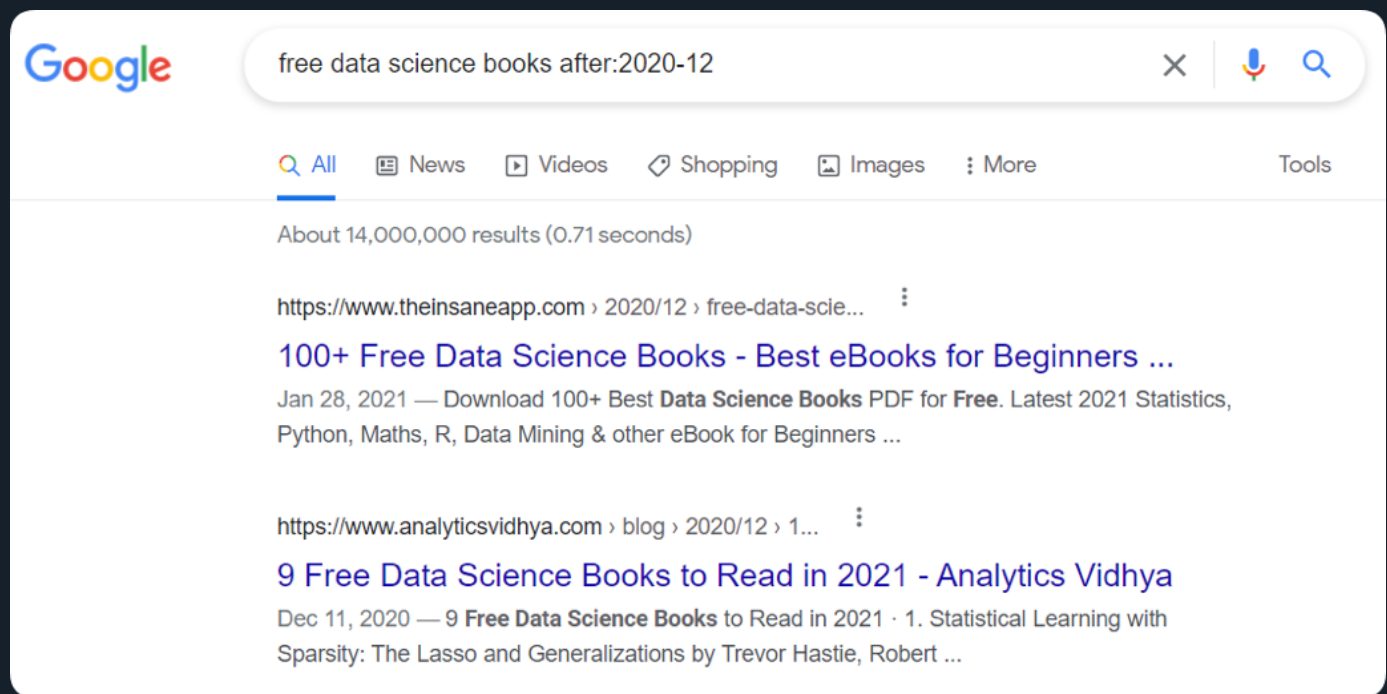
Apr 6, 2021 · Uploaded by Eye on Tech

Take a Look at "**100+ Best Artificial Intelligence, Data Science, Big Data and Machine Learning Quotes**"

### 👉 After operator

Similar to before operator, When you want to find content that is published after a specific date, you should use the 'after' operator

See the results for: free data science books after:2020-12



## 👉 Google alert

If you're running the same search over and over again, set up a simple Google Alert to have results e-mailed to you on your chosen topics.

See the results for: "Artificial Intelligence and Machine Learning" alert preview

# Alerts

Monitor the web for interesting new content

🔍 Artificial Intelligence and Machine Learning



This will create an email alert for

Create Alert

Show options ▼

## Alert preview

### NEWS

#### Robots Can Make Music, but Can They Sing?

The New York Times

"You can feed some things into an **A.I.** or **machine-learning** system and then what comes out actually sparks your own creativity," he said. "You go, 'Oh ...

#### Three Reasons To Leverage **AI** And ML To Improve The Employee Experience

Forbes

... be true: good artificial intelligence (**AI**) and **machine learning** (ML) are incredibly powerful, and the human experience is absolutely mission-critical.

## 👉 Search for a number range

For example say you wanted to find some info related to algorithms between any years (for example: between 2017-2021), this is what it would look like :  
Algorithms 2017...2021

Demo: See the screenshot given below



Algorithms 2017..2021



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About 114,000,000 results (0.62 seconds)

<https://en.wikipedia.org/wiki/Algorithm>

## Algorithm - Wikipedia

In mathematics and computer science, an **algorithm** is a finite sequence of well-defined, ... into a new article titled **Algorithm** design. (Discuss) (March 2020) ...

### People also ask

What is an example of an algorithm?



What algorithm means?



What are the most famous algorithms?



What are common algorithms?



Feedback

<https://www.pewresearch.org/future-of-work>

## Experts on the Pros and Cons of Algorithms | Pew Research ...

Feb 8, 2017 — On January 17, 2017, the Future of Life Institute published a list of 23 Principles for Beneficial Artificial Intelligence, created by a gathering of ...

## 👉 OR operator

Similar to AND, You can also use the OR operator to specify when you want the results related to one of the search terms.

See the results for: (data science OR machine learning) free books





(machine learning OR data science) free books



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About 459,000,000 results (0.60 seconds)

[https://www.analyticsvidhya.com > blog > 2020/12 > 1...](https://www.analyticsvidhya.com/blog/2020/12/)

### 9 Free Data Science Books to Read in 2021 - Analytics Vidhya

Dec 11, 2020 — The book introduces you to the concept of Convex Optimization which is used by almost all **Machine Learning** and **Deep Learning** Algorithms to ...

[https://www.kdnuggets.com > 2018/05 > 10-more-free-...](https://www.kdnuggets.com/2018/05/10-more-free-...)

### 10 More Free Must-Read Books for Machine Learning and ...

1. Python **Data Science** Handbook · 2. Neural Networks and **Deep Learning** · 3. Think Bayes · 4. **Machine Learning & Big Data** · 5. Statistical **Learning** with Sparsity: ...

## 👉 Search a word in title

Search for a word inside a web page title, and another set elsewhere on the web page. For this you'd blend intitle: search terms into your google search box.

See the results for: [intitle:programming](#)



intitle:Programming



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About 20,100,000 results (0.76 seconds)



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**Programming** is the process of creating a set of instructions that tell a computer how to perform a task. **Programming** can be done using a variety of computer **programming** languages, such as JavaScript, Python, and C++. Created by Pamela Fox.

<https://www.khanacademy.org> > ... > Intro to programming

[What is Programming? \(video\) | Khan Academy](#)

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Take a look at "[Mathematics for Machine Learning - Why to Learn & What are the Best Brain-Friendly Free Resources?](#)"

## 👉 Search all words within a url

Similar to inurl, allinurl will also help you to find articles whose permalink contains all the search terms that you have asked for. The only difference between inurl and allinurl is, In allinurl, Google will definitely provide search results with all the terms you've asked for, while in inurl, it might not search for all the terms.

See the results for: [allinurl: deep learning](#)



allinurl: deep learning



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About 719,000 results (0.67 seconds)

<https://machinelearningmastery.com> › Blog

## What is Deep Learning? - Machine Learning Mastery

Aug 16, 2019 — Deep Learning is a subfield of machine learning concerned with algorithms inspired by the structure and function of the brain called artificial ...

### People also ask

What is meant by deep learning?



What is an example of deep learning?



What is deep learning vs Machine Learning?



What are the types of deep learning?



Feedback

<https://www.coursera.org> › ... › Machine Learning

## Deep Learning by deeplearning.ai | Coursera

What is Deep Learning? Why is it relevant? · Deep Learning is a subset of machine learning where artificial neural networks, algorithms based on the structure and ...

[Instructors](#) · [Enrollment Options](#)

## 👉 Search all the words within a title

If you have multiple keywords to find in the title, then this operator is for you.

See the results for: [allintitle:backpropagation explained](#)



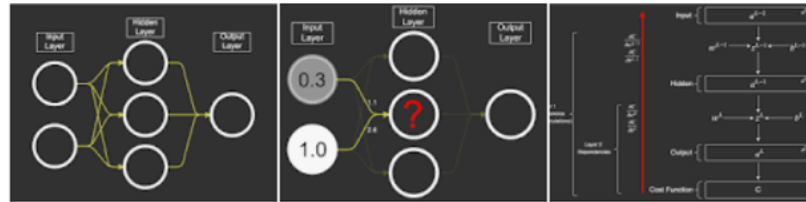
allintitle:backpropagation explained



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About 381 results (0.65 seconds)



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**Backpropagation** is the heart of every neural network. **Backpropagation** is for calculating the gradients efficiently, while optimizers is for training the neural network, using the gradients computed with **backpropagation**. ... In short, all **backpropagation** does for us is compute the gradients. Aug 5, 2019

<https://mlfromscratch.com> > neural-networks-explained

[Neural Networks: Feedforward and Backpropagation Explained](#)

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Everyone understands how to use Google, but not everyone knows how to use its full potential. When you start using these tricks correctly, you can reduce the amount of time you spend on Google, hunting web pages to find the right answers to your queries. Next time when you start typing any query on the search box, think of these operators and see which ones you can use to find what you want without draining time. Hope this google search tips and tricks will be valuable for you.

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