Insane

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.

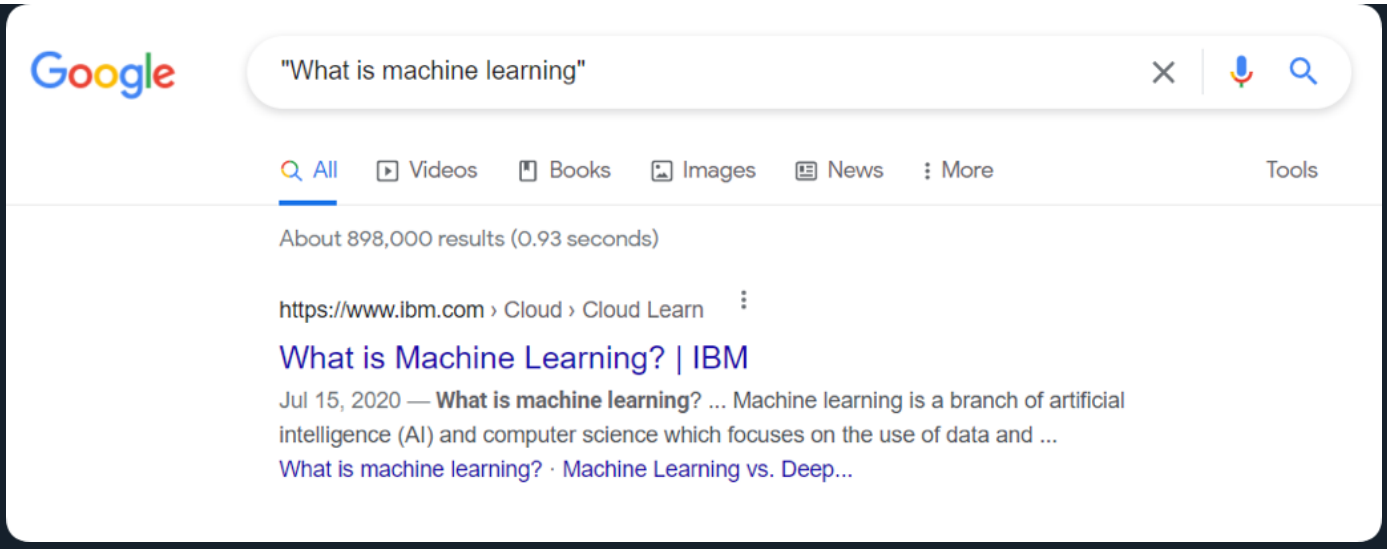
Let's learn how to become a Thor in Googling

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.

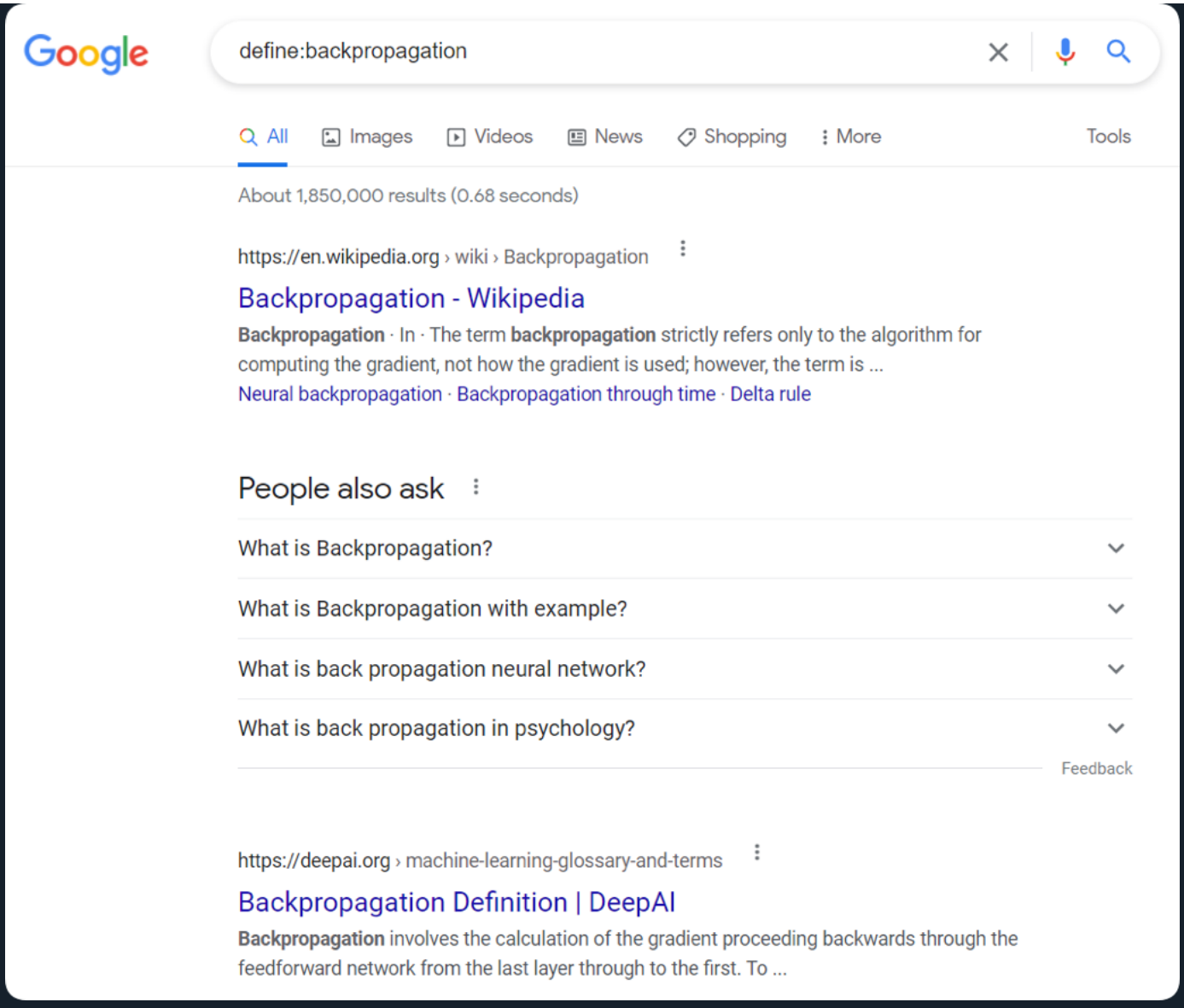
See the results for: "what is machine learning"



👉 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.

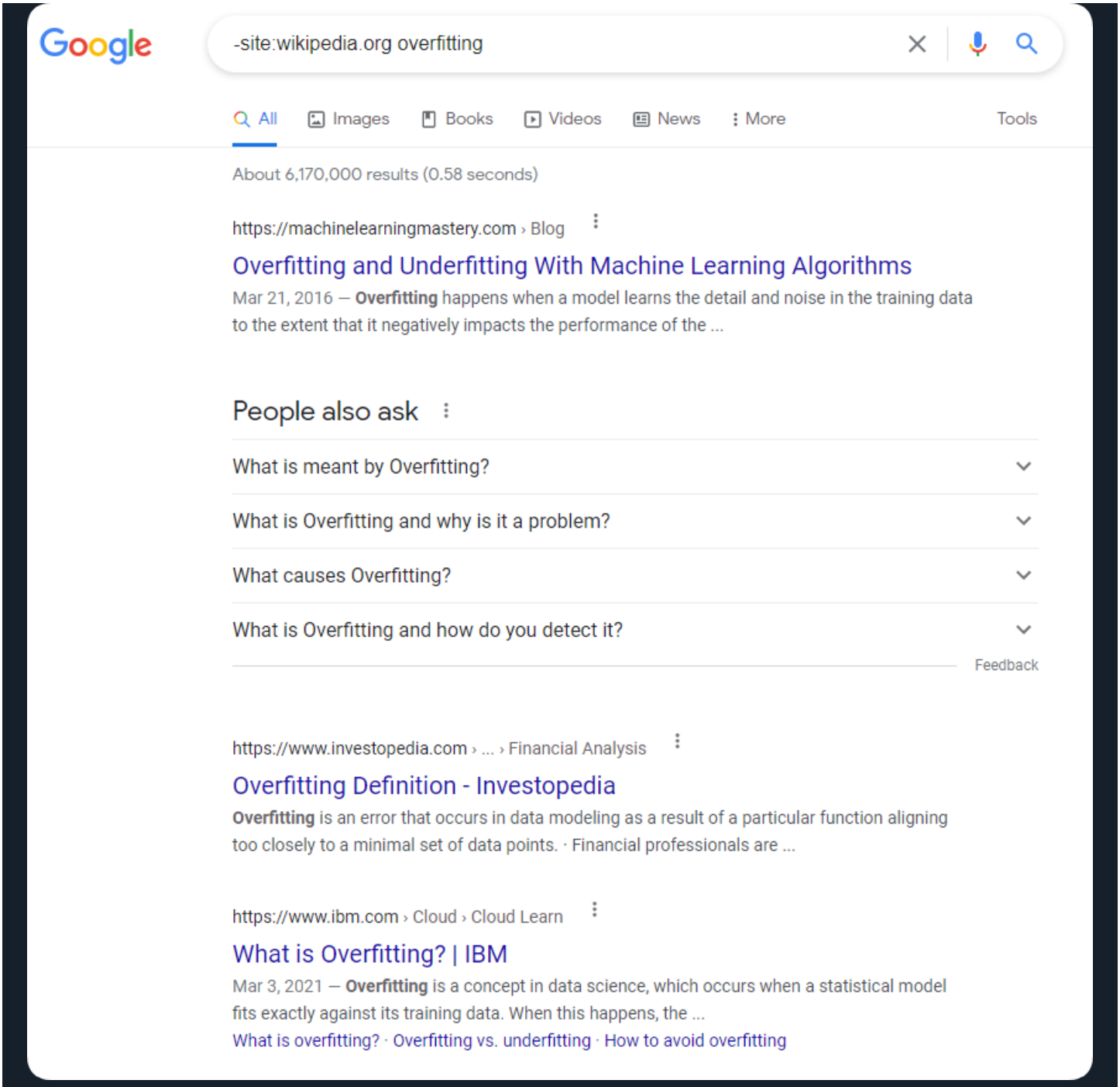
See the results for: define: backpropogation



👉 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.

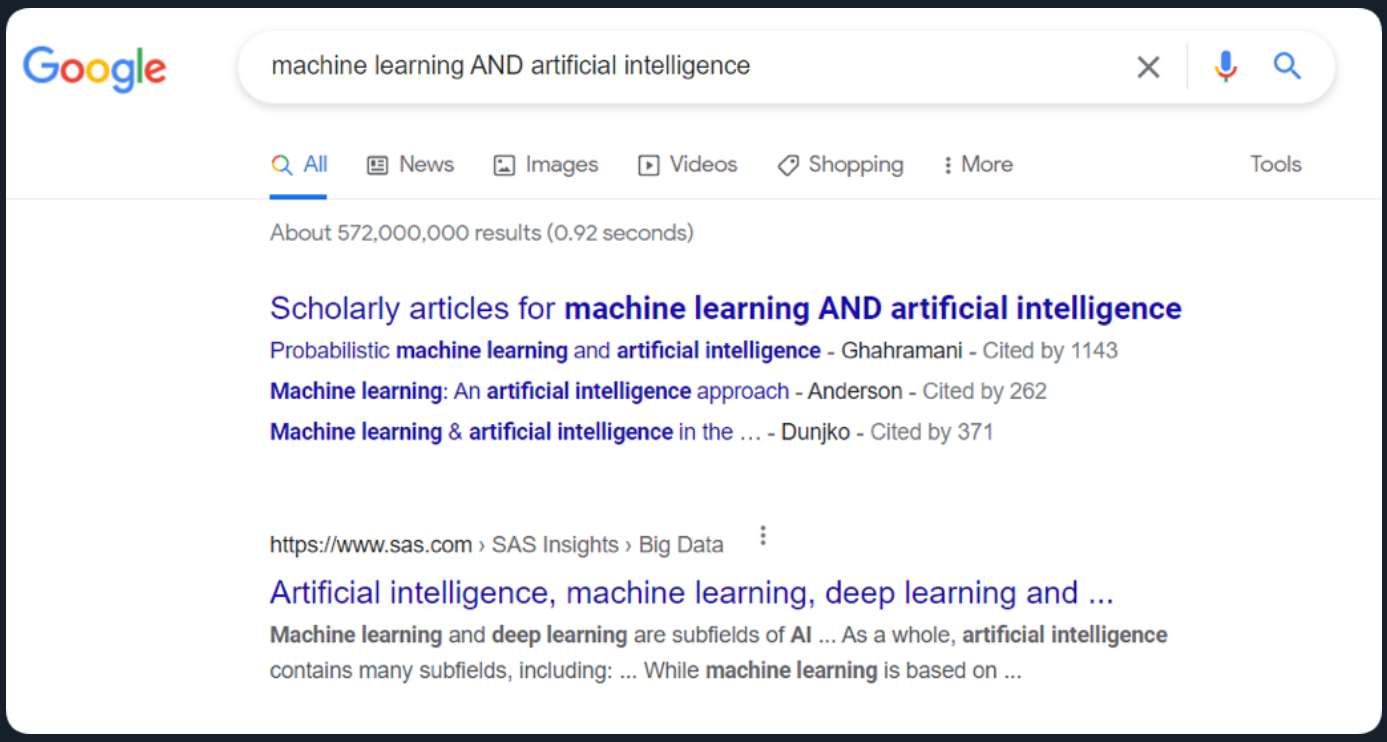
See the results for: -site:wikipedia.org overfitting



👉 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.

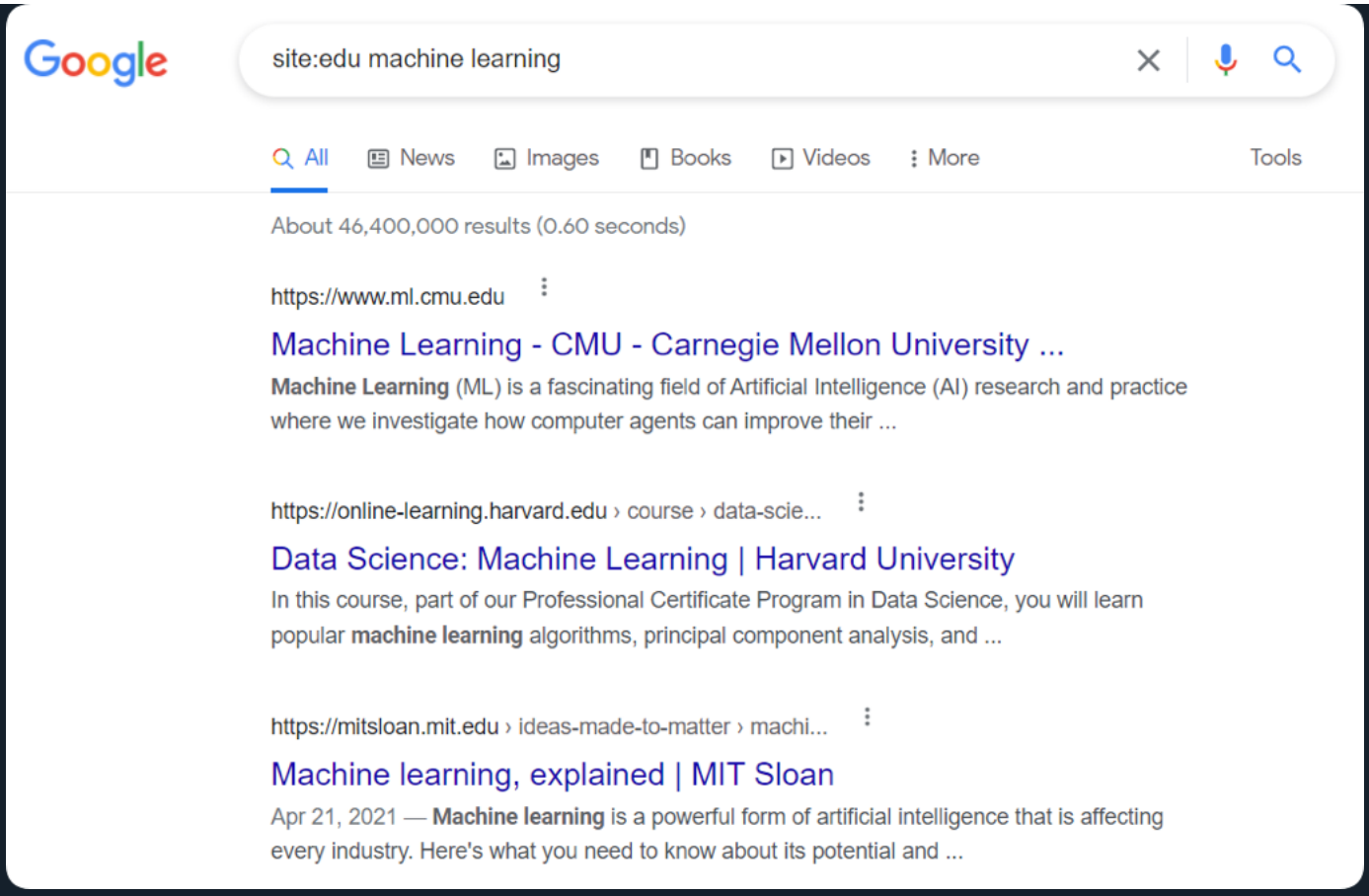
See the results for: machine learning AND artificial intelligence



👉 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.

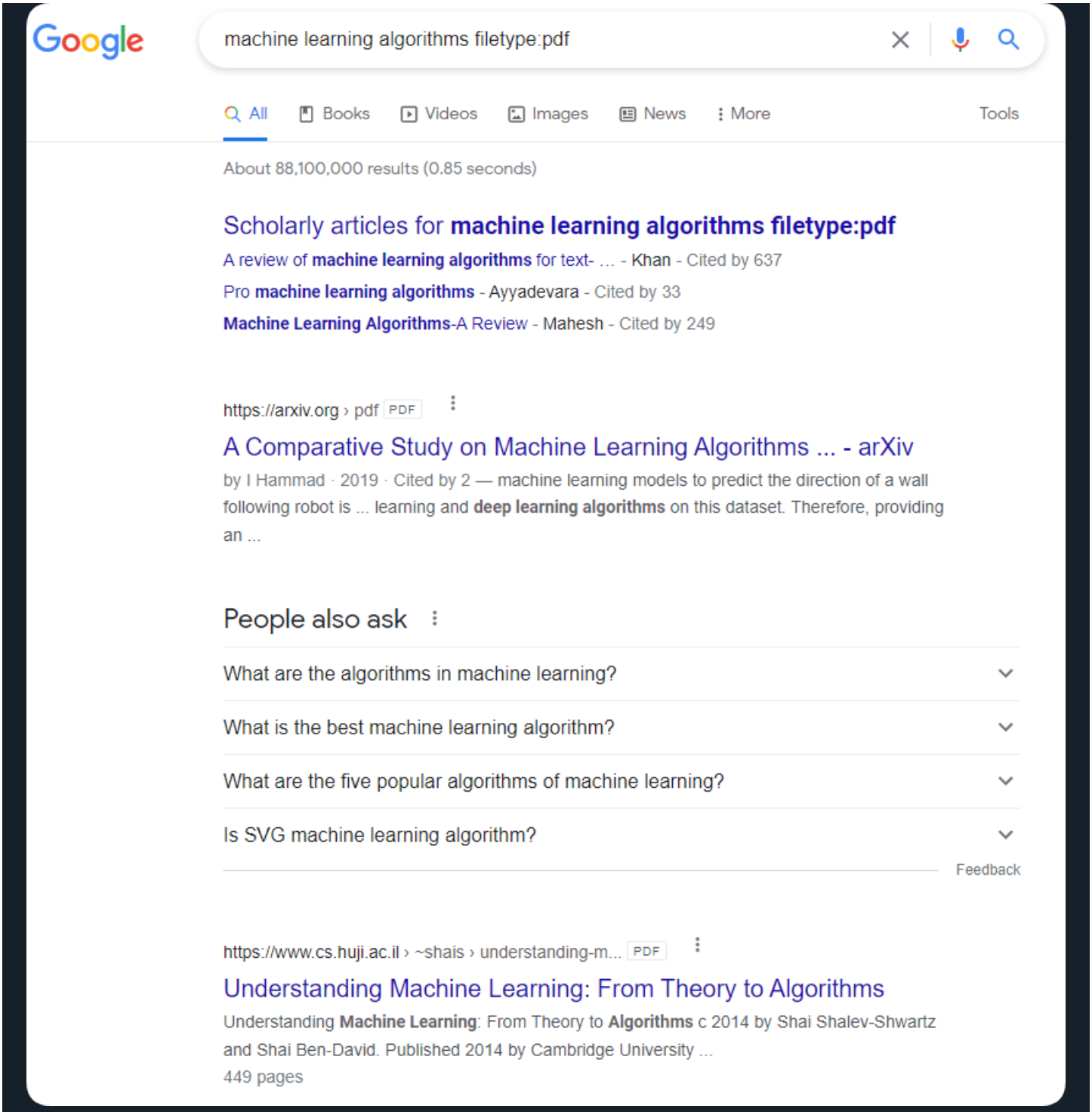
See the results for: site:edu machine learning



👉 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

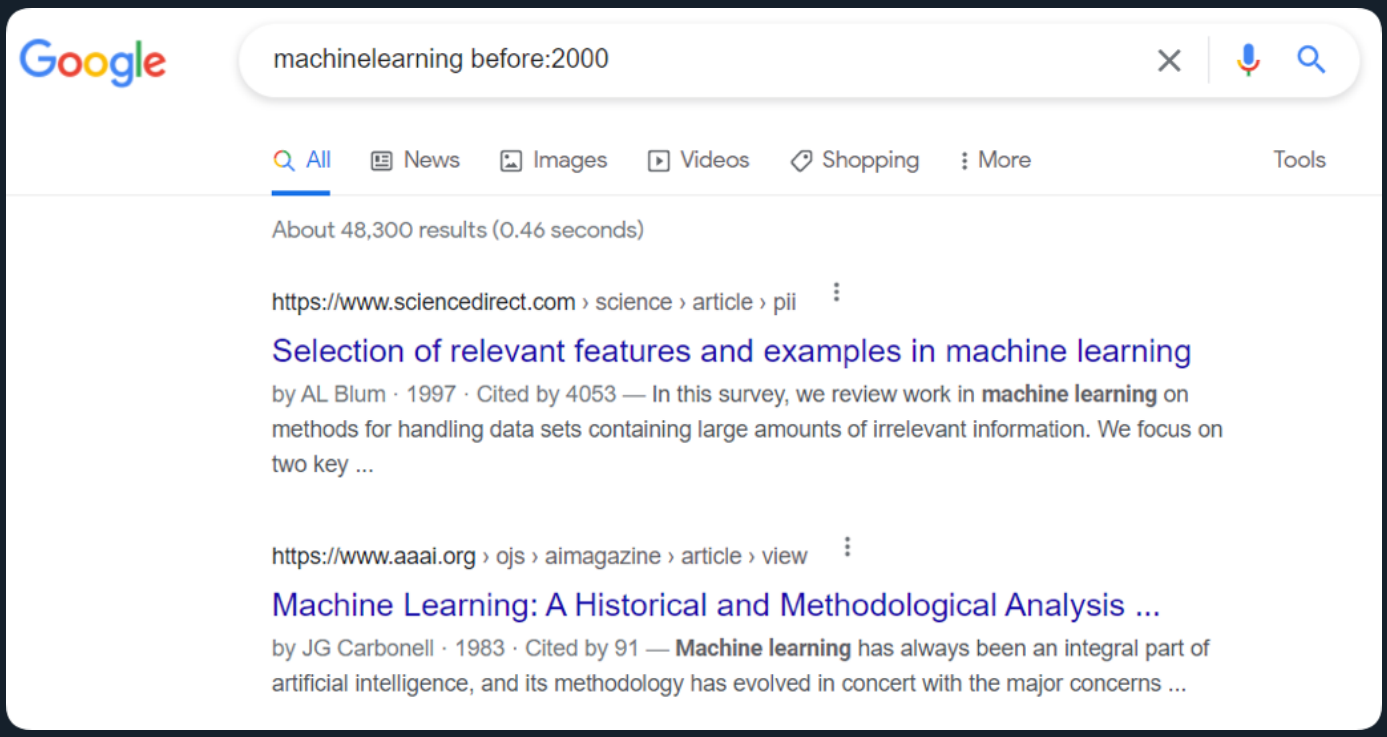


Take a look at "**Recommendation Algorithms and System Designs of Airbnb, Dropbox, Spotify, Netflix, Yelp, and Uber**"

👉 **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.

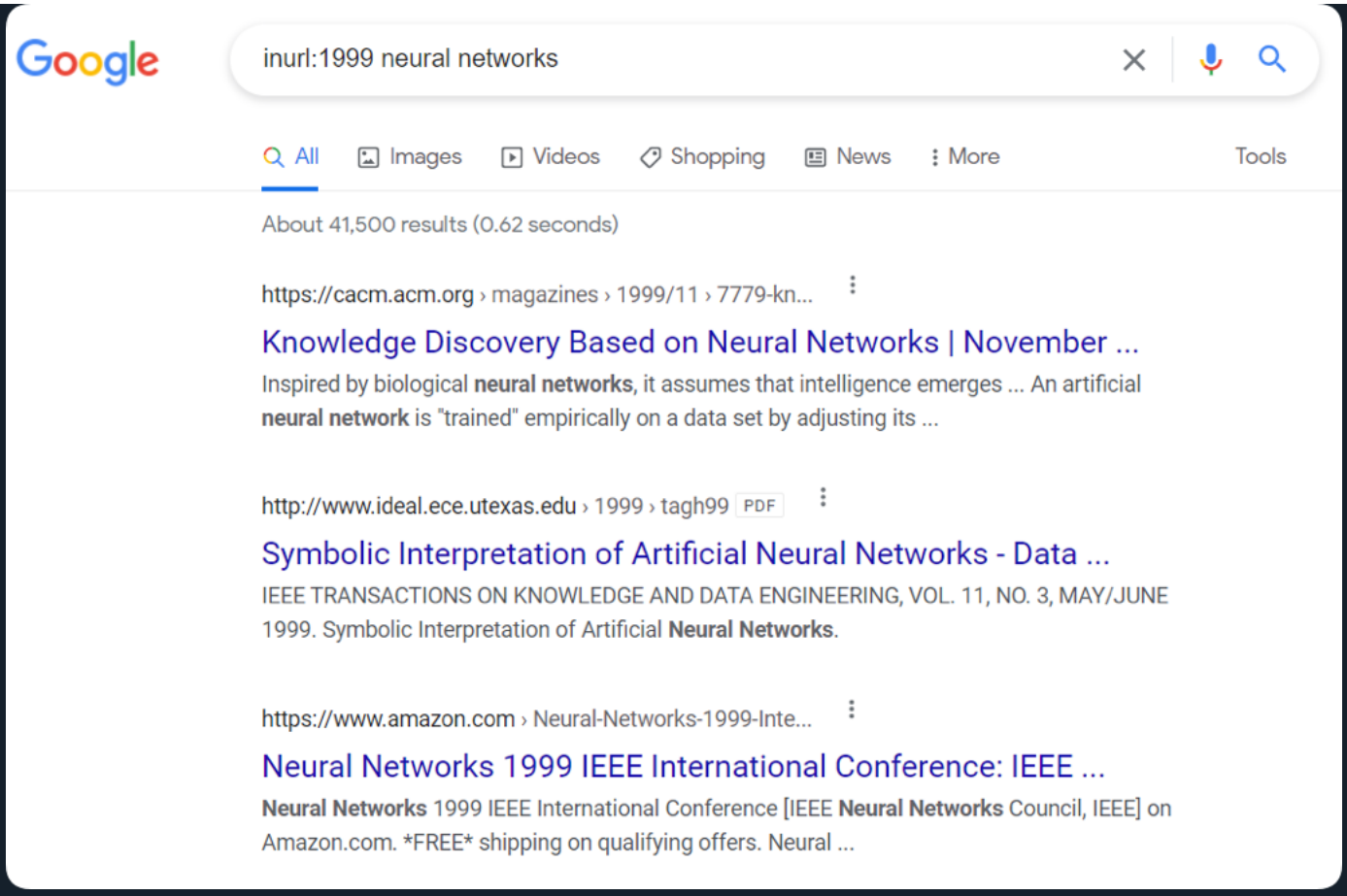
See the results for: machine learning before:2000



👉 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.

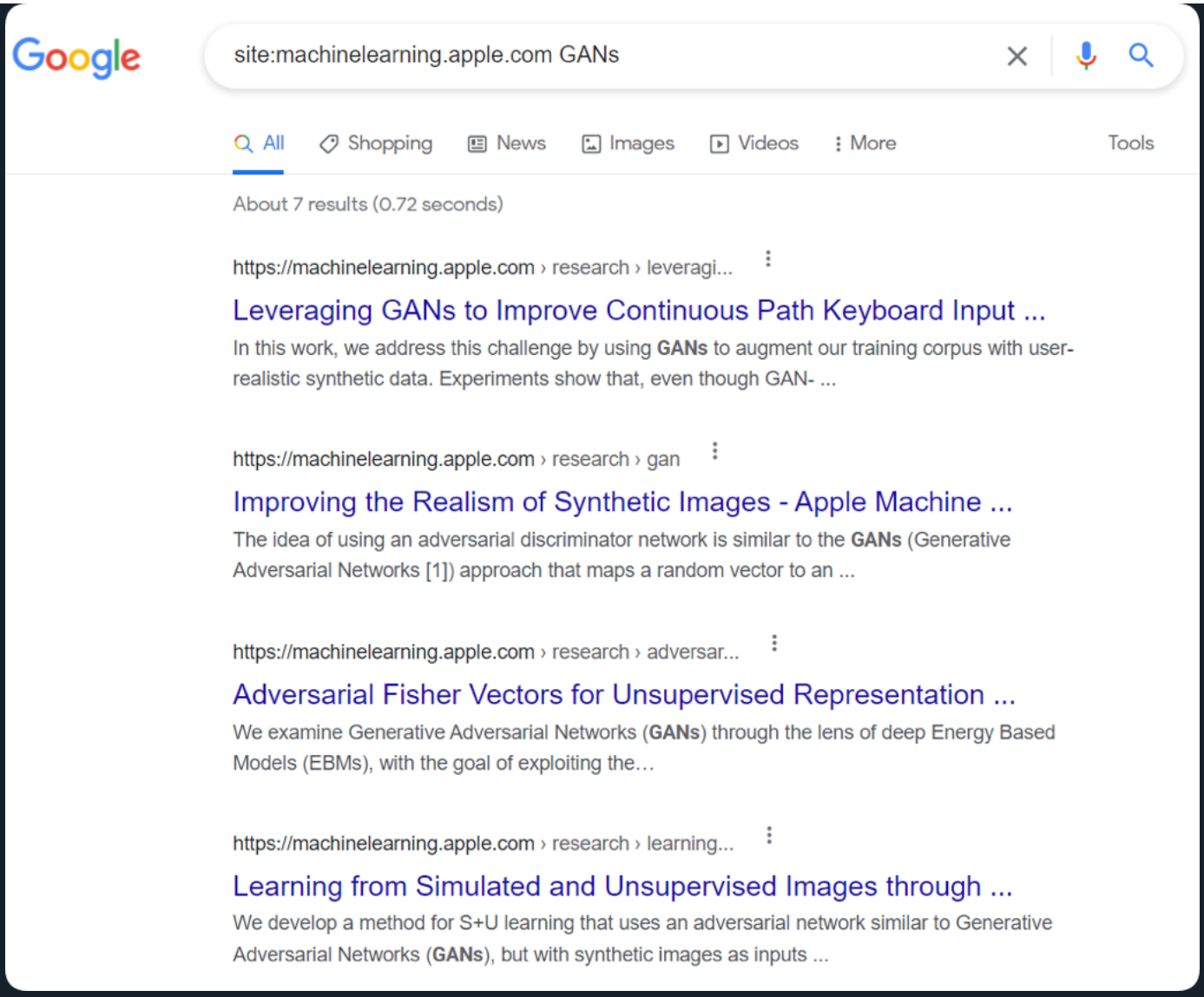
See the results for: inurl:1999 neural networks



👉 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.

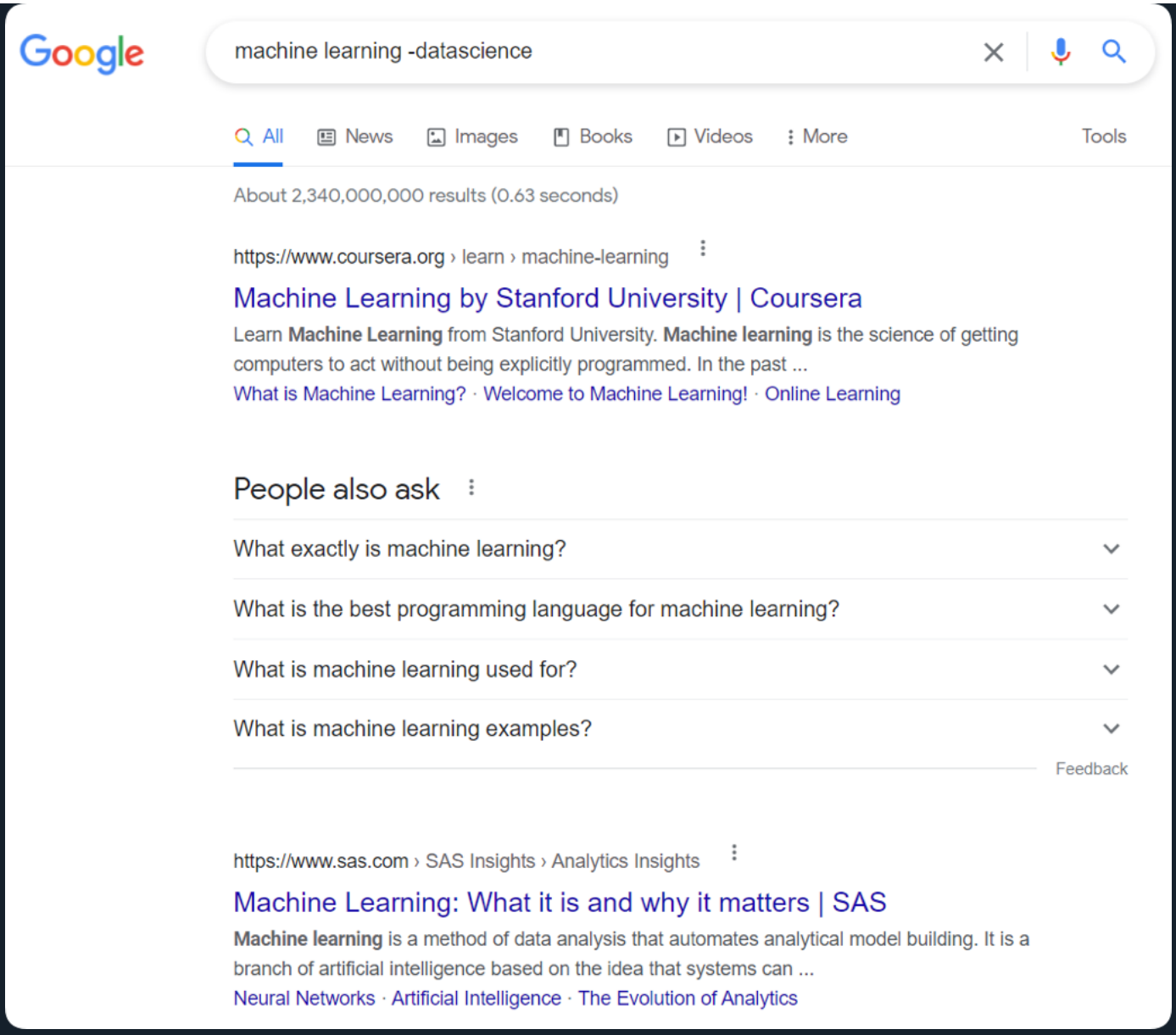
See the results for: site:machinelearning.apple.com GANs



👉 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.

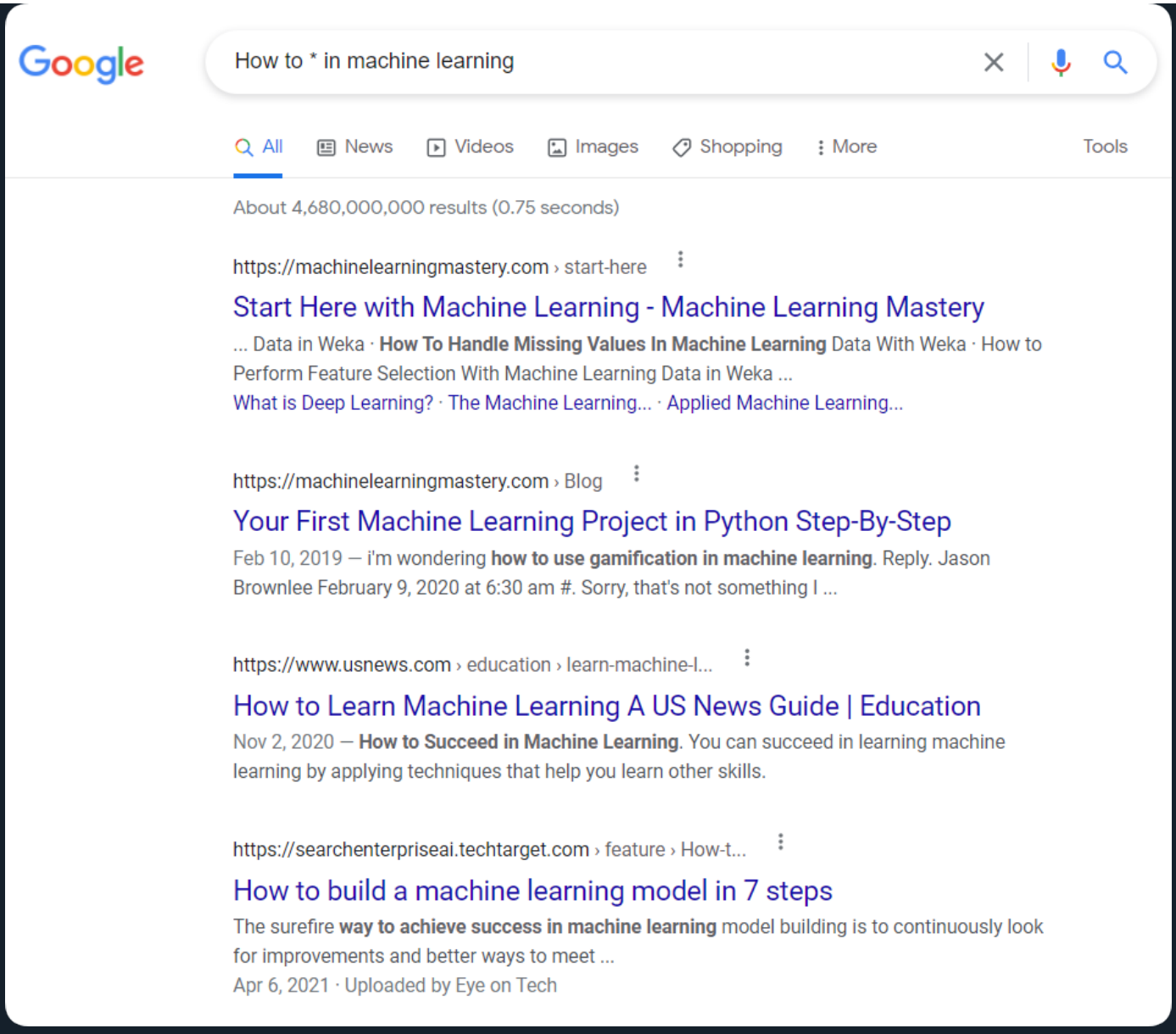
See the results for: machine learning -data science



👉 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

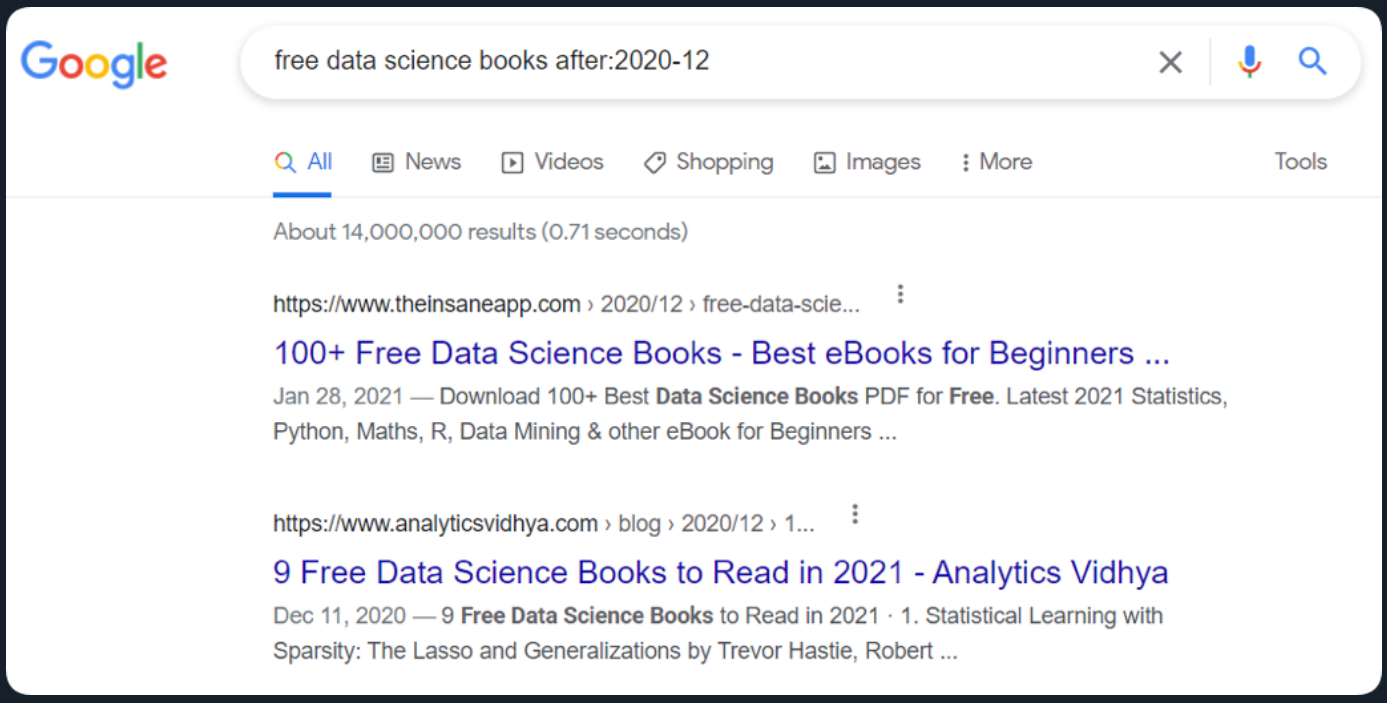


Take a Look at "**100+ Best Artificial Intelligence, Data Science, Big Data and Machine Learning Quotes**"

👉 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

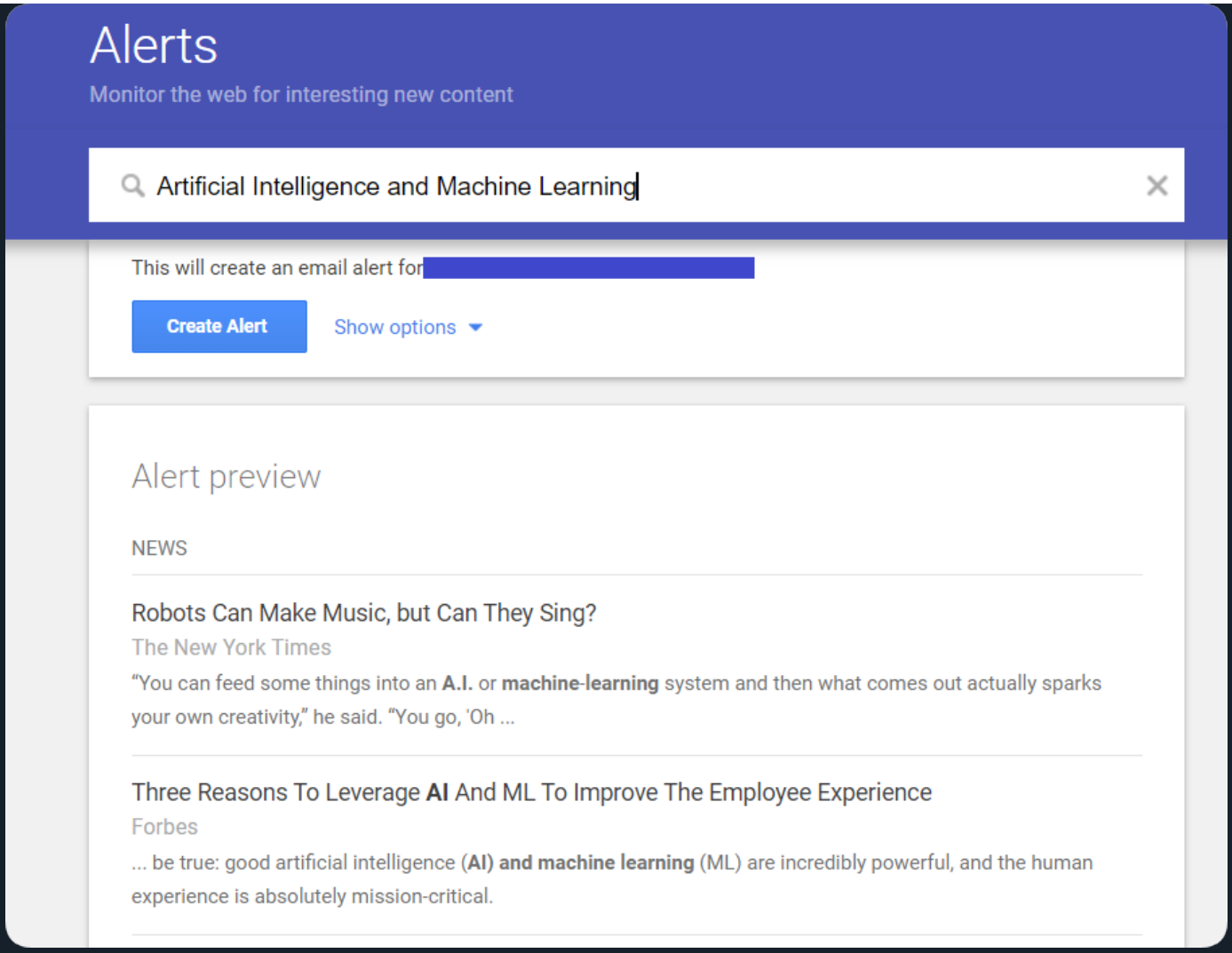
See the results for: free data science books after:2020-12



👉 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.

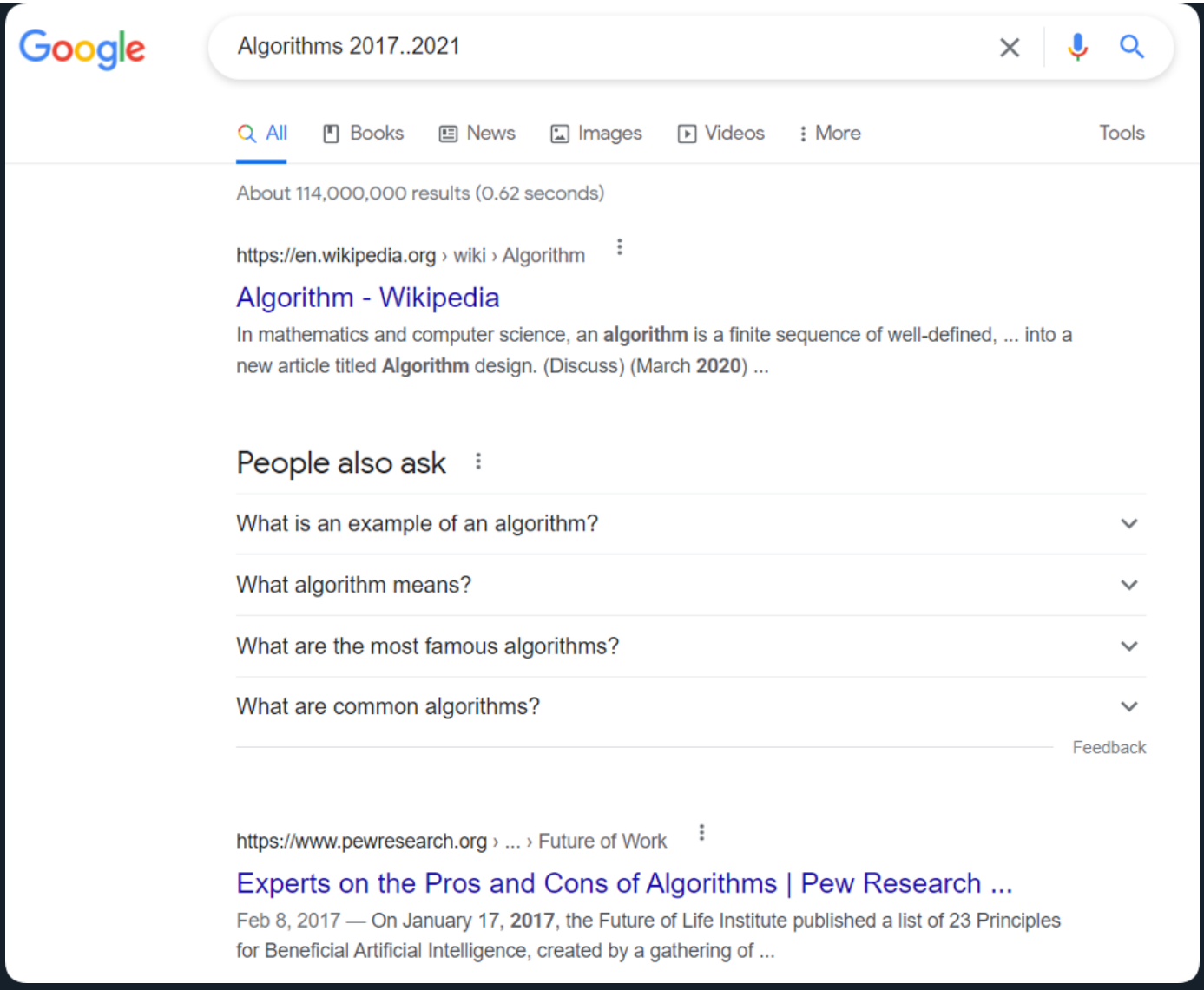
See the results for: "Artificial Intelligence and Machine Learning" alert preview



👉 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

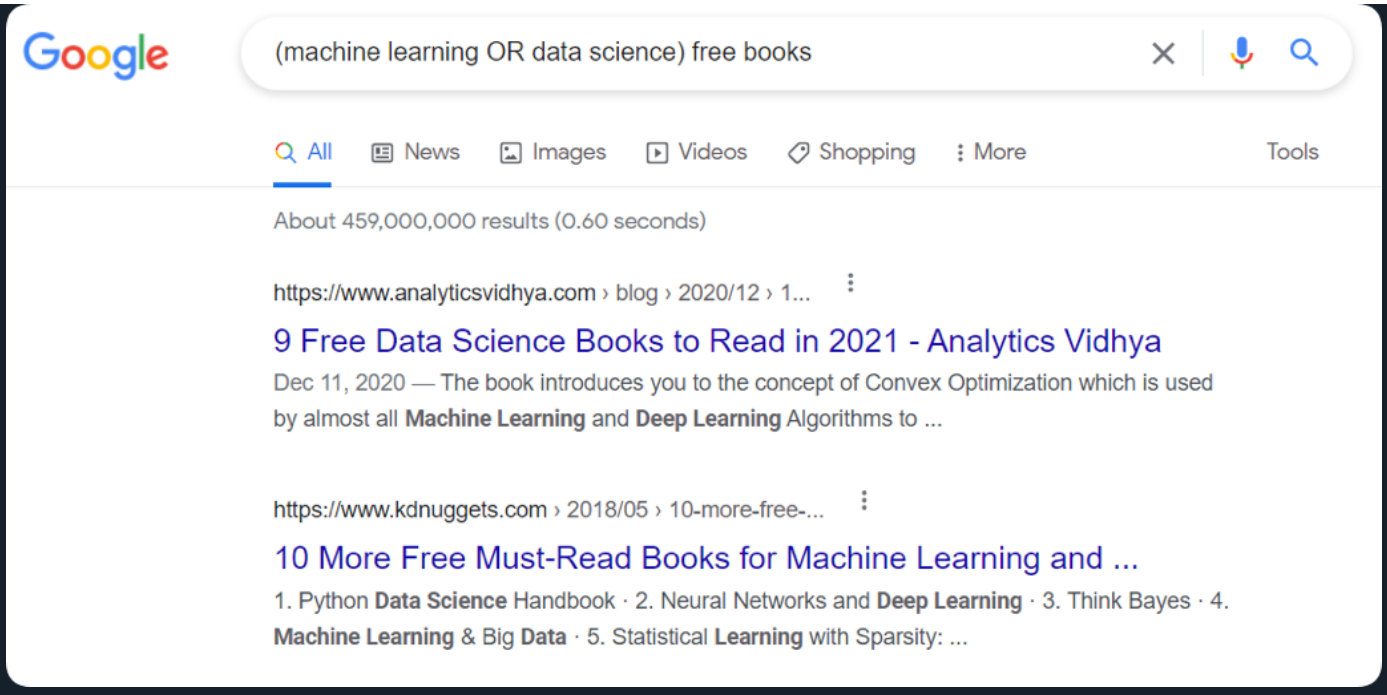
Demo: See the screenshot given below



👉 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.

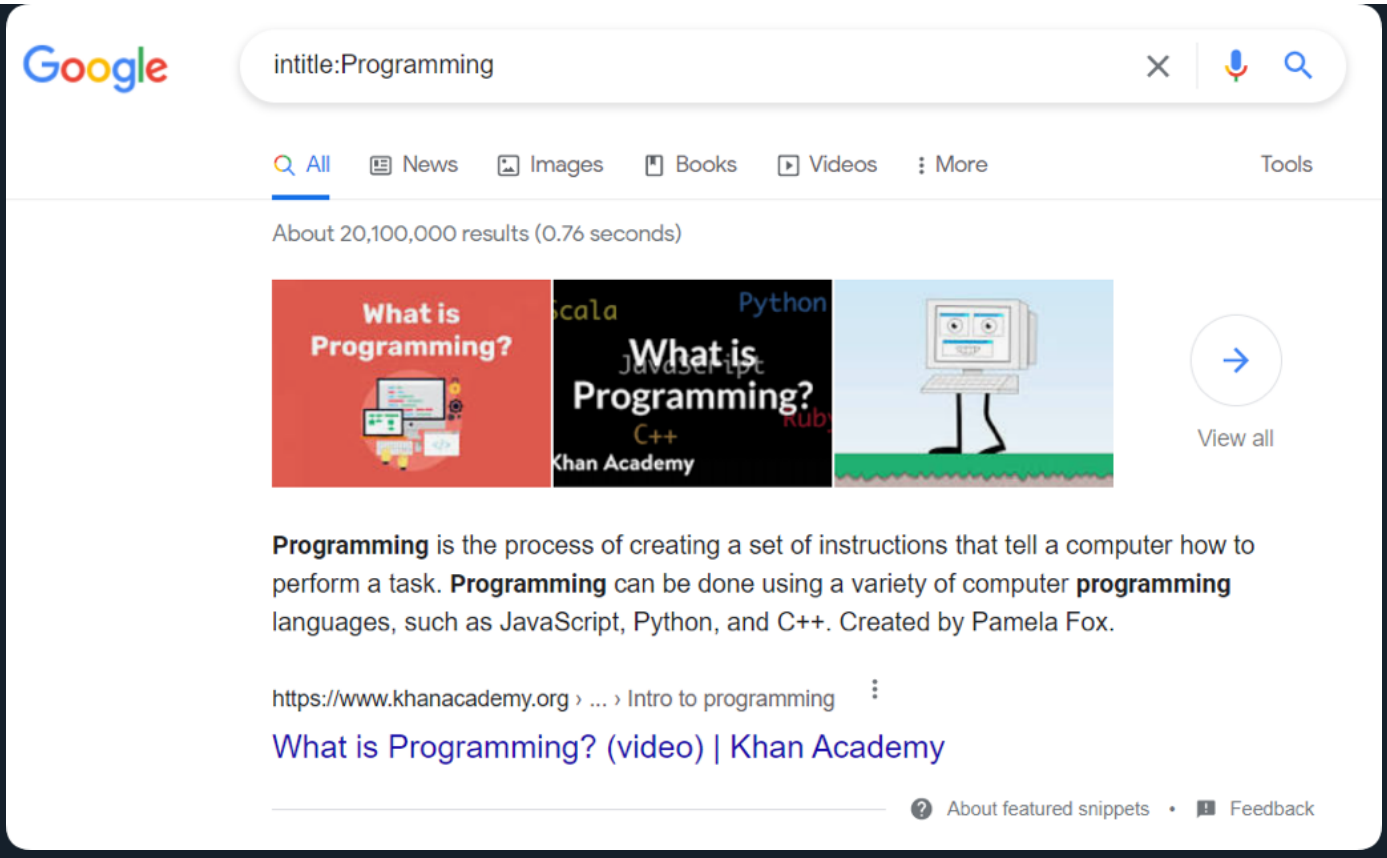
See the results for: (data science OR machine learning) free books



👉 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

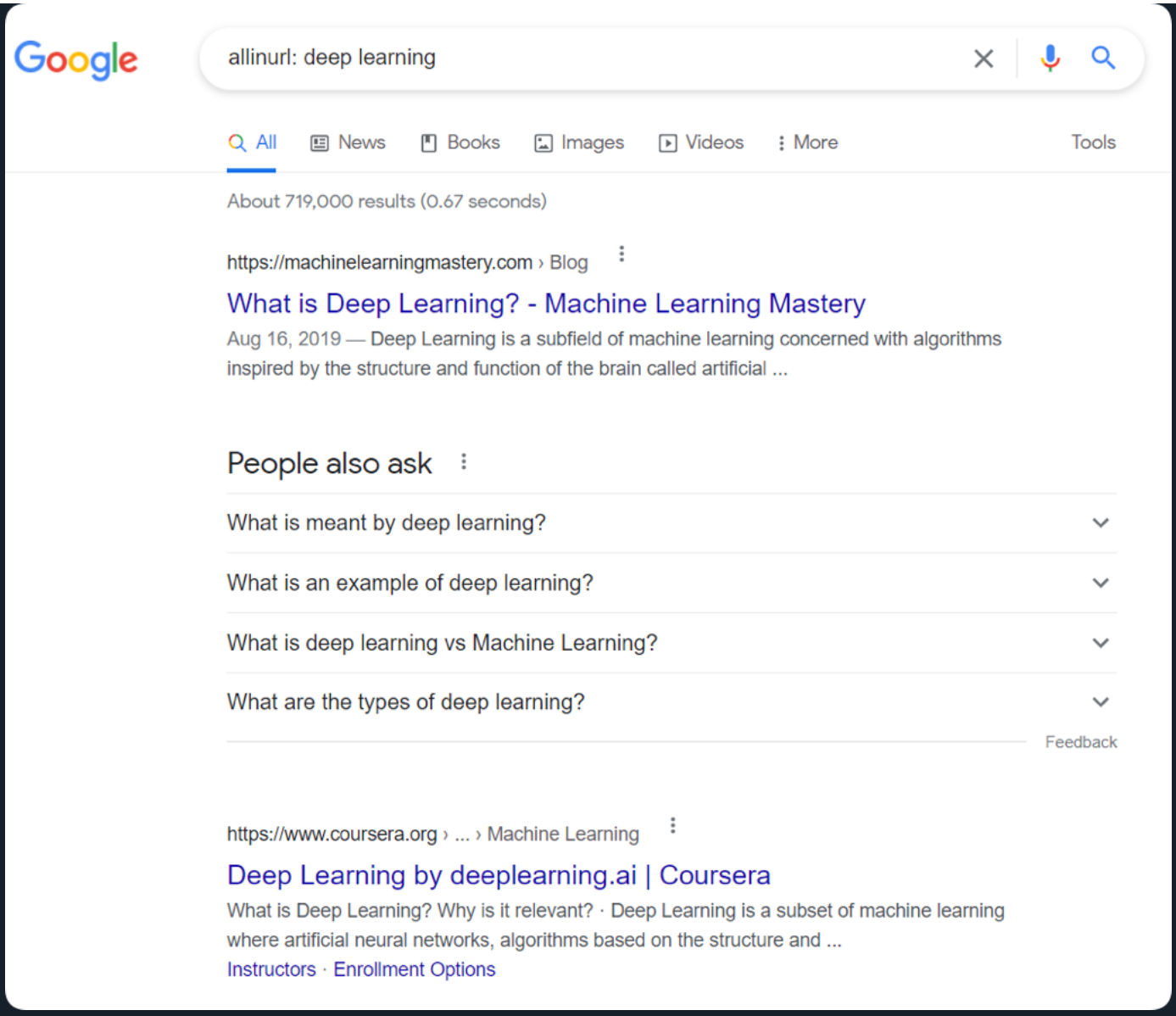


Take a look at "**Mathematics for Machine Learning - Why to Learn & What are the Best Brain-Friendly Free Resources?**"

👉 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.

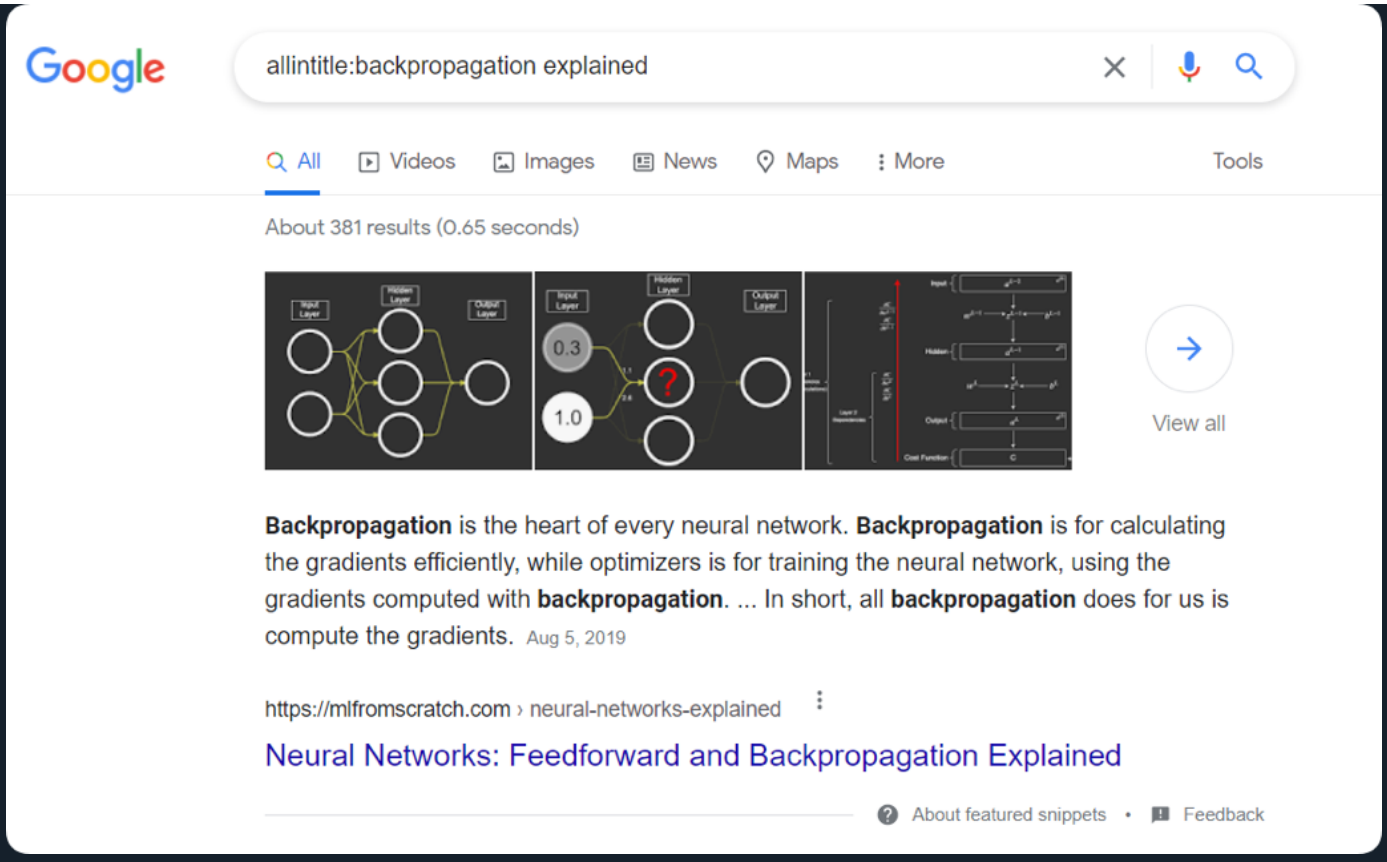
See the results for: allinurl: deep learning



👉 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:backpropogation explained



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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