

Search Engine Optimization

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Department Of Business Administration

Search Engines

- Well-known search engines:
 - Google
 - Yahoo
 - Bing
 - Yandex

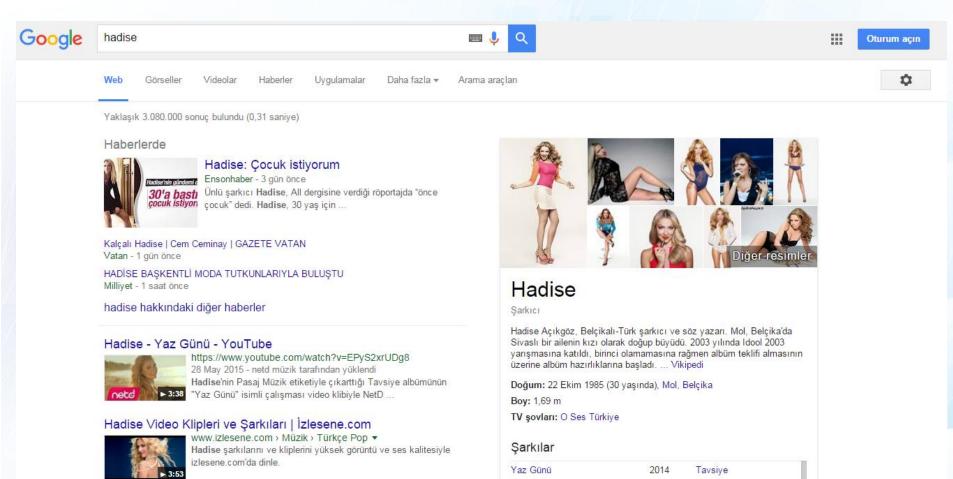


Market Shares (Turkey)

SE	EARCH ENGINES XLS					
No.	×	Name	19.10-25.10.2015 ▼	12.10-18.10.2015 ▼	05.10-11.10.2015 ▼	
1		Google	90.39%	90.49%	90.24%	
2		Yandex	6.60%	7.47%	7.98%	
3		MSN	1.80%	1.60%	1.28%	
4		AskJeeves	1.03%	0.29%	0.32%	
5		Yahoo	0.17%	0.16%	0.18%	
					•	
				Find:		



SERP (Search Engine Result Page)



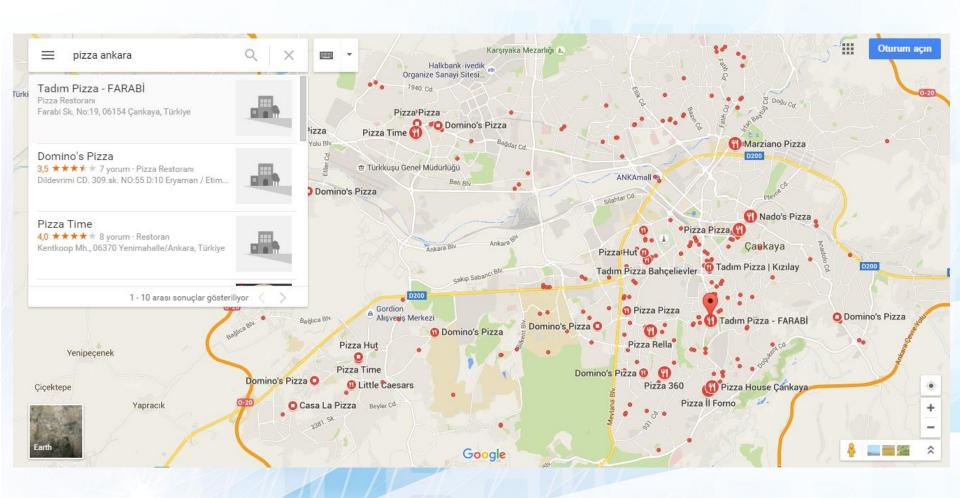


SERP

- The page that search engines show as a result of a query is called «Search Engine Result Page» (SERP)
- A query is a word or string of words that a user types into the search box on a search engine.

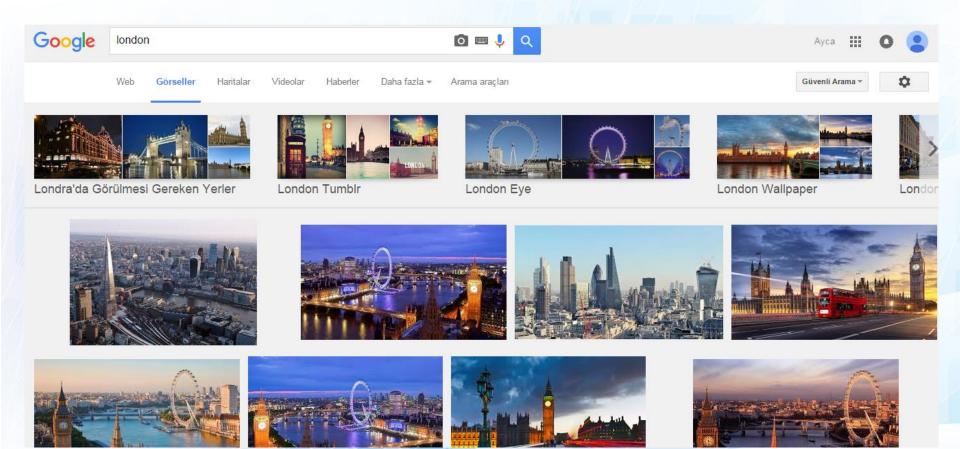


Google Maps





Google Images





Google Video

Haritalar

Arama araçları



Haberler

Yaklaşık 586.000.000 sonuç bulundu (0,20 saniye)

Görseller

Müzik Dinle | İzlesene.com



www.izlesene.com/muzik <

Yüksek ses kalitesi ile müzik dinle, yerli ve yabancı milyonlarca klibi izle!

netd müzik - YouTube

https://www.youtube.com/user/netdmuzikk -

Doğan TV Holding bünyesinde bulunan netd, Doğan TV Holding'in gerçek ve tüzel kişilerinin hak sahibi olduğu her türlü dizi, film, program, belgesel ve tüm di...

Türkçe Pop Müzik Listeleri | İzlesene.com



www.izlesene.com > Müzik Listeleri 🕶

Türkçe Pop sanatçıları ve en popüler şarkılarını müzik listesi olarak dinleyebilir, kendi playlistinizi oluşturup ...

Hadise - Yaz Günü | İzlesene.com



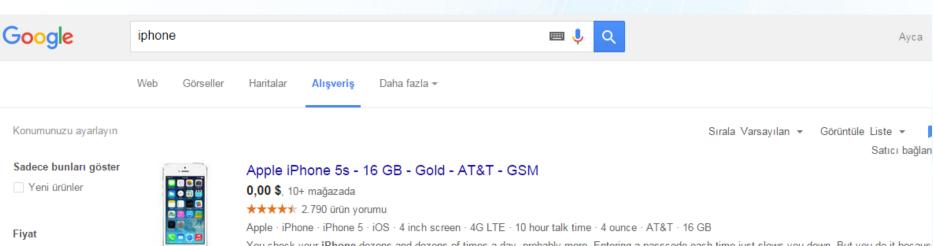
www.izlesene.com/video/hadise-yaz-gunu/8525133 28 May 2015

Hadise'nin Pasaj Müzik etiketiyle çıkarttığı Tavsiye albümünün "Yaz Günü" isimli çalışması video klibiyle NetD ...

Hadise - Yaz Günü - YouTube



Google Shopping



- En çok 70 \$
- 70 \$ 200 \$
- 200 \$ 400 \$
- 400 \$ üzeri





Satici

- AT&T
- Awardpedia since
- eBay
- Gazelle Store



You check your iPhone dozens and dozens of times a day, probably more. Entering a passcode each time just slows you down. But you do it because Diğer seçenekler: 16 GB - Gold - Sprint - CDMA / GSM (435 \$) Diğer



Apple · iPhone · iPhone 6 · iOS · 4G LTE · 16 GB

Zip check required for Checkout. iPhone 6 isn't just bigger-it's better in every way. Larger, yet thinner. More powerful, yet power efficient. It ...



299,99 \$, 4 mağazada

★★★★ 2.126 ürün yorumu

Apple · iPhone · iPhone 6 · iOS · 5.5 inch screen · 4G LTE · 24 hour talk time · 6.07 ounce · AT&T · 64 GB

iPhone 6 Plus isn't just bigger, it's better in every way. A smooth metal surface seamlessly meets the new Retina HD display. It features leading



Google News



basketbol







Web

Görseller

Videolar

Haberler Haritalar

Daha fazla 🕶

Arama araçları

Yaklaşık 338.000 sonuç bulundu (0,27 saniye)



TÜBAD Uluslararası Basketbol Turnuvası İstanbul'da!

Hürriyet - 23 Eyl 2015

Abdi İpekçi Spor Salonu'nda gerçekleştirilecek turnuvada Banvit, Anadolu Efes, Galatasaray Odeabank ve Rusya'dan CSKA Moskova takımları ...

1- Tübad-Banvit 10.geleneksel Uluslararası **Basketbol** Turnuvası ... Son Dakika - 23 Eyl 2015

TÜBAD Turnuvası'nın basın toplantısı yapıldı

Basket Dergisi - 23 Eyl 2015

TÜBAD Uluslararası Basketbol Turnuvası 25-27 Eylül'de İstanbul'da ...

Uluslararası - TrtSpor - 16 saat önce

Derinlemesine keşfedin (18 makale daha var)



Millivet

Fenerbahçe'de **basketbol** sil baştan!

Akşam - 2 saat önce

Ömer Onan'ın emekliye ayrılmasından sonra takım kaptanlığına getirilen Sloven asıllı Türk **basketbolcu** Preldzic'in yanı sıra Oğuz ve Semih de ...



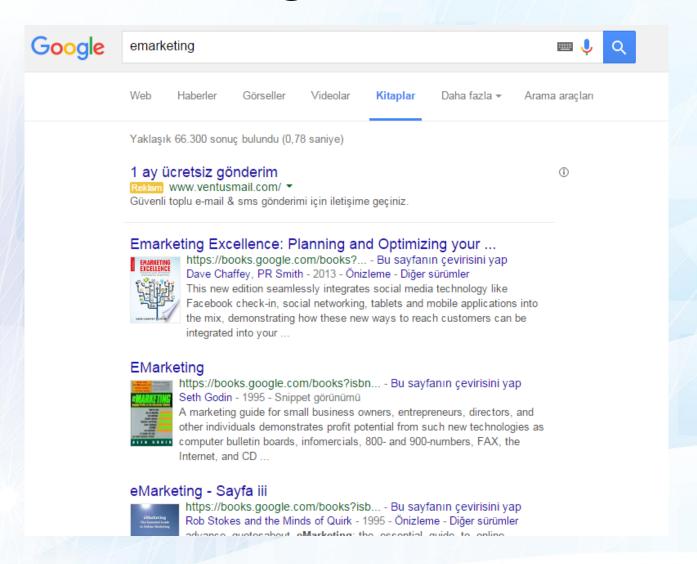
Lukas Podolski, Basketbol takımı satın aldı!

Fanatik - 23 Eyl 2015

30 yaşındaki yıldız futbolcunun Rhein Stars Köln **basketbol** takımını satın aldığı ortaya çıktı. Podolski, hissedarlarından olduğu ve finansal ...

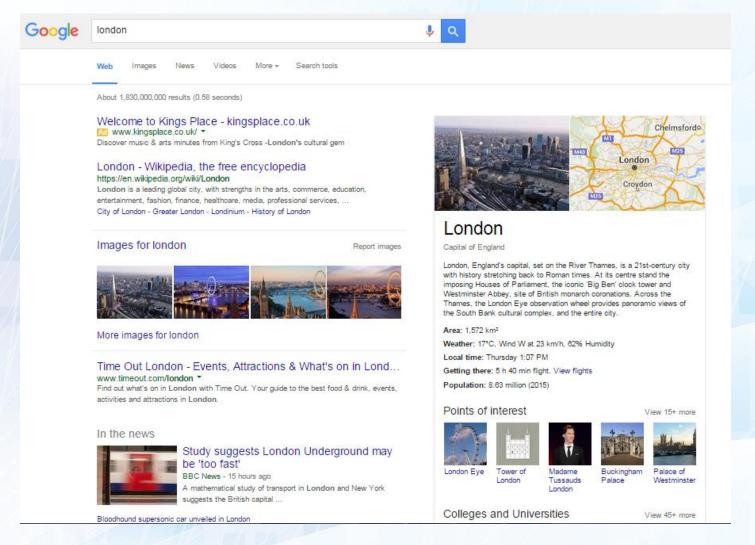


Google Books





Universal Search





Search Engines

- Responding to user queries with relevant results
 - Crawling & Indexing
 - Determining search results and rankings by constantly tuning their algorithms



Crawling & Indexing

- Search engines use huge set of computers to fetch/crawl pages on the web.
- Crawling is the process by which bots discover new and updated pages to be added to the index.



Googlebot

- Googlebot is Google's web crawling bot (sometimes also called a "spider").
- Googlebot uses an algorithmic process: computer programs determine which sites to crawl, how often, and how many pages to fetch from each site.
- Googlebot's crawl process begins with a list of webpage URLs, generated from previous crawl processes and augmented with sitemap data provided by webmasters.







Video, Şarkı veya Sanatçı Ara

Video Ara







Anasayfa

Müzik

Müzik Listeleri

Popüler Videolar

Çizgi Film

Oyun

Dizi

Tüm Kategoriler

Kanallar

Video Yükle

Reklamı Göster

SON GÜNLERİN POPÜLER VİDEOLARI



İnadına Aşk - Yeşimi Kaçırıyorlar (18. Bölüm)

İnadına Aşk

136 izlenme



Devrilen mikserden dökülen betonla evlerini onardılar

Anadolu Ajansı

24 izlenme



Marseille kötü gidişe "dur" dedi!

Sporx 6 izlenme



31. Bolum - DeliDemir ve Tugtekin

Diriliş Ertuğrul

40 izlenme

















Anasayfa

izlesene

Müzik

Müzik Listeleri

Popüler Videolar

Çizgi Film

Oyun

Dizi

<meta name="viewport" content="width=device-width, initial-scale=1.0, maximum-scale=1.0, user-scalable=no" />

<link rel="search" type="application/opensearchdescription+xml" href="/opensearch.xml" title="İzlesene'de Ara" />

<link rel="stylesheet" type="text/css" href="//www.izlesene.com/html5/responsive/global-ie.css?v=1445341598">

Tüm Kategoriler

Kanallar

Video Yükle

Izlesene > Müzik

MÜZİK





Buray - Sen Sevda Misin? (2015)

xclas06 issiz a... 1.677.373 izlenme







Mabe

view-source:www.izlesene.com/muzik url": "http://www.izlesene.com", "sameAs": ["http://www.facebook.com/izlesene", "http://www.twitter.com/izlesene", "http://plus.google.com/+izleser </script> <meta http-equiv="Content-Type" content="text/html; charset=UTF-8"/> <meta name="robots" content="ALL"/> <meta name="description" content="Yüksek ses kalitesi ile müzik dinle, yerli ve yabancı milyonlarca klibi izle!"/> <meta name="msvalidate.01" content="C30B4D4D11C3E08D7325AD891A622C62"/> 4 k rel="canonical" href="http://www.izlesene.com/muzik" /> 5 <meta property="fb:admins" content="530646730"/> <meta property="fb:app_id" content="58430649062"/> <title>Müzik Dinle | İzlesene.com</title> <link rel="shortcut icon" href="//c1.imgiz.com/izlesene-favicon-32.ico" type="image/x-icon"/> <link rel="stylesheet" type="text/css" href="//c1.imgiz.com/html5/responsive/global.css?v=1445856901"> ret
text/css" href="//c1.imgiz.com/html5/css/compress/list.index.1445856901.min.css" /> <script type="text/javascript" src="//c1.imgiz.com/js/site/jquery-1.7.1.min.js"></script> <script type="text/javascript" src="//c1.imgiz.com/js/compress/v5 common.1445860402.min.js"></script>

netd m

var currentU = ''; var ivisit = '': var videoid; var refererVirgul = ''; Gülben Ergen II. Bora Duran -

var refU = '';

<!--[if lt IE 9]>

<script type="text/javascript"> var playerSeemles = true; var controller = 'music';

var loggedUserId = '0'; var radioVisible = false;

var targeturl = 'http://www.izlesene.com';

<![endif]-->

rullua Alal - Dayişla

<script src="//www.izlesene.com/js/site/respond.min.js"></script>

IVIUSTALA CECELL - ISIAK IIIIZA

17 - 15 to -: 17 -- - de ---



müzik





Web Videolar Görseller Haberler Daha fazla ▼ Arama araçları

Yaklaşık 49.300.000 sonuç bulundu (0,42 saniye)

Müzik Dinle | İzlesene.com



www.izlesene.com/muzik -

Yüksek ses kalitesi ile müzik dinle, yerli ve yabancı milyonlarca klibi izle!

Bu Hafta En Çok İzlenen Müzik Videoları | İzlesene.com

www.izlesene.com/videolar/muzik •

Bu Hafta En Çok İzlenen Müzik Videolarını izle, eğlenceyi arkadaşlarınla paylaş.

Müzik Listeleri | İzlesene.com

www.izlesene.com/muzik-listeleri ▼

En sevdiğiniz sanatçıları ve müzik türlerini müzik listesi olarak dinleyebilir, kendi playlistinizi oluşturup arkadaşlarınızla paylaşabilirsiniz.

netd müzik - YouTube

https://www.youtube.com/user/netdmuzikk •

Mabel Matiz'in, DMC etiketiyle yayınlarıan "Gök Nerede" albümünde yer alan "Bir Hadise Var" isimli şarkısı, video klibiyle netd'de. netd **Müzik** Facebook: ...

Müziğini Her Yerden Dinle, İstediğini İndir. / TTNET Müzik

https://www.ttnetmuzik.com.tr/ ▼

Yerli & Yabancı milyonlarca şarkının adresi TTNET **Müzik** bir tık uzağında. Yepyeni **Müzik** paketleri, editör listeleri, radyolar ve daha fazlası, **müzik** ile ilgili ...







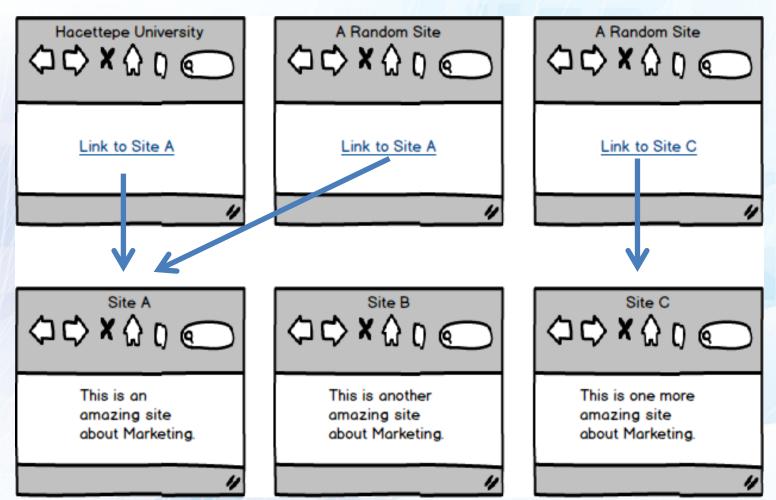
Algorithms

Page Rank:

- Links are considered to be like votes
- Some votes are considered more important than others
- It's Google's system of counting link votes and determining which pages are most important based on links.
- Of course, sophisticated text-matching is also used.



Page Rank





What is SEO?

- SE0 means Search Engine Optimization.
- It is the practice of optimising a website to achieve higher ranking on the search engine results pages (SERPs).
- Although it is highly technical, it still is a marketing function. Teamwork is the best possible way to apply it.
- It contains both technical and psychological elements.



What is SEO?

- It is a continuous process rather than a project.
- It is a process of finding ways to understand:
 - ✓ How search engines see your website
 - ✓ How people use search engines to find content



Why is this important?

People search for things!





i hate it when







i hate it when my gf cheated on me with a shark

i hate it when you walk outside and someone

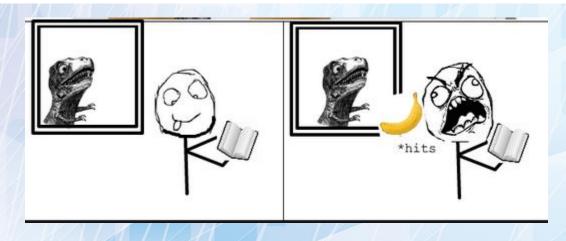
randomly throws a fridge at you

i hate it when i'm studying and a velociraptor throws Kendimi Şanslı Hissediyorum »

bananas on me

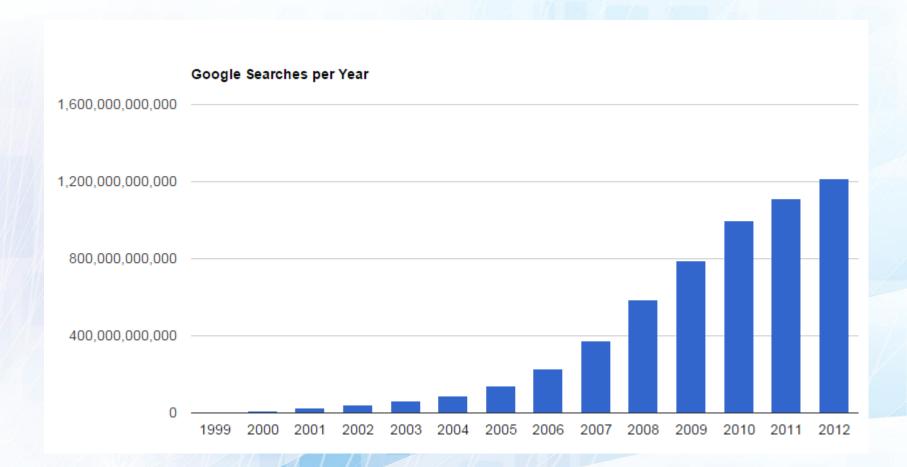
i hate it when voldemort uses my shampoo

Aramak için Enter tuşuna basın





Why SEO is important?





It's critical to be there when people search for something related to your business.



Why ranking high is important?

- On average, 71.33% of searches result in a page one organic click.
- Page two and three get only 5.59% of the clicks.
- On the first page alone, the first 5 results account for 67.60% of all the clicks and
- The results from 6 to 10 account for only 3.73%.



Source: https://moz.com/blog/google-organic-click-through-rates-in-2014

Why ranking high is important?



Position	1	2	3	4	5	6 to 10	2nd page	3rd page+
CTR	31.24	14.04	9.85	6.97	5.50	3.73	3.99	1.60



Do the right thing!

- White Hat SEO: Ethical SEO practices that conform to the search engine guidelines.
- Black Hat SEO: Optimization that goes against search engine guidelines.



ON-THE-PAGE FACTORS

and all the second could be direct control of the sublished

These elements are in the direct control of the publisher						
CONTE	CONTENT					
Cq	QUALITY	Are pages well written & have substantial quality content?				
Cr	RESEARCH	Have you researched the keywords people may use to find your content?				
Cw	WORDS	Do pages use words & phrases you hope they'll be found for?				
Cf	FRESH	Are pages fresh & about "hot" topics?				
Cv	VERTICAL	Do you have image, local, news, video or other vertical content?				
Са	ANSWERS	Is your content turned into direct answers within search results?				
Vt	THIN	Is content "thin" or "shallow" & lacking substance?				
ARCHI	TECTURE					
Ac	CRAWL	Can search engines easily "crawl" pages on site?				
Ad	DUPLICATE	Does site manage duplicate con- tent issues well?				
Am	MOBILE	Does your site work well for mobile devices & make use of app indexing?				
As	SPEED	Does site load quickly?				
Au	URLS	Do URLs contain meaningful keywords to page topics?				
Ah	HTTPS	Does site use HTTPS to provide secure connection for visitors?				
Vc	CLOAKING	Do you show search engines different pages than humans?				
HTML						
Ht	TITLES	Do HTML title tags contain key- words relevant to page topics?				
Hd	DESCRIPTION	Do meta description tags describe what pages are about?				
Hs	STRUCTURE	Do pages use structured data to enhance listings?				
Hh	HEADERS	Do headlines & subheads use header tags with relevant keywords?				
Vs	STUFFING	Do you excessively use words you want pages to be found for?				
Vh	HIDDEN	Do colors or design "hide" words you want pages to be found for?				

THE PERIODIC TABLE OF SEO SUCCESS FACTORS

Search engine optimization — SEO — seems like alchemy to the uninitiated. But there's a science to it. Below are some important "ranking factors" and best practices that can lead to success with both search engines and searchers.

ON-THE-PAGE SEO

OFF-THE-PAGE SEO

011 1112 1111	IE DEU		OLL-THE-LAGE DEG			
CONTENT	ARCHITECTURE	HTML	TRUST	LINKS	PERSONAL	SOCIAL
Cq cuality	Ac ⁺³	Ht Titles	Ta ⁺³	Lq ⁺³	Pc 3	Sr ⁺²
Cr ⁺³	Ad ^{*2}	Hd ² Description	Te 2 Engage	Lt *2 Text	PI +3 Locality	Ss Shares
Cw	Am ²	Hs Structure	Th ⁺²	Ln *1 Numbers	Ph ⁺³	
Cf	As	Hh	Ti tdentity	Vp ⁻³	Ps Social	
Fresh	speed	Headers	ibelicity	1400	$\overline{}$	
Cv Vertical	Au	Vs.	Vd ⁻¹	VI -3 Sparn		
Cv	Au	Vs	Vď	VI -3 Spam	TORS WORK 1	FOGETHER

success, but having several favorable ones increases the odds. Negative "violation" factors shown in red harm your chances.

OFF-THE-PAGE FACTORS

Elements influenced by readers, visitors & other publishers					
TRUST					
Ta	AUTHORITY	Do links, shares & other factors make site a trusted authority?			
Te	ENGAGE	Do visitors spend time reading or "bounce" away quickly?			
Th	HISTORY	Has site or its domain been around a long time, operating in same way?			
Ti	IDENTITY	Does site use means to verify its identity & that of authors?			
Vd	PIRACY	Has site been flagged for host- ing pirated content?			
Va	ADS	Is your content ad-heavy, especially "above-the-fold"?			
LINKS					
Lq	QUALITY	Are links from trusted, quality or respected web sites?			
Lt	TEXT	Do links pointing at pages use words you hope they'll be found for?			
Ln	NUMBER	Do many links point at your web pages?			
Vp	PAID	Have you purchased links in hopes of better rankings?			
VI	SPAM	Have you created links by spamming blogs, forums or other places?			
PERSO	NAL				
Pc	COUNTRY	What country is someone located in?			
PI	LOCALITY	What city or local area is someone located in?			
Ph	HISTORY	Has someone regularly visited your site or socially favored it?			
Ps	SOCIAL	Has someone or their friends socially favored the site?			
SOCIA	L				
Sr	REPUTATION	Do those respected on social networks share your content?			
Ss	SHARES	Do many share your content on social networks?			

Written By: Search Engine Land

By: COLUMN FIVE

Learn More: http://seind.com/seotable

Copyright Third Door Media



SEO Strategies

SE0 can be divided into two main strategies:

On-Page Optimization

Off-Page Optimization



On-Page Optimization

- On-page optimization is achieved by making changes to the
 - Content
 - HTML code
 - Structure of a website

In order to make it more:

- ✓ accessible for search engines
- ✓ easier for users to find & use



Off-Page Optimization

- Off-page optimization is generally focused on building links to the website
- It can be referred as increasing a website's popularity in terms of quality links from other websites.



On-Page Optimization



On-Page Optimization

- Keyword Research
- Content
- Meta Tags
- Developing an SEO-Friendly site



Keyword Research & Keyword Development

- Keyword selection is an essential part of SEO.
- The goal is to find:
 - relevant
 - high traffic
 - less competitive keywords
- Generic vs. Branded vs. Long-Tail Keywords
 - Generic: Car
 - Branded: Volkswagen
 - Long-tail: Fuel efficient diesel cars

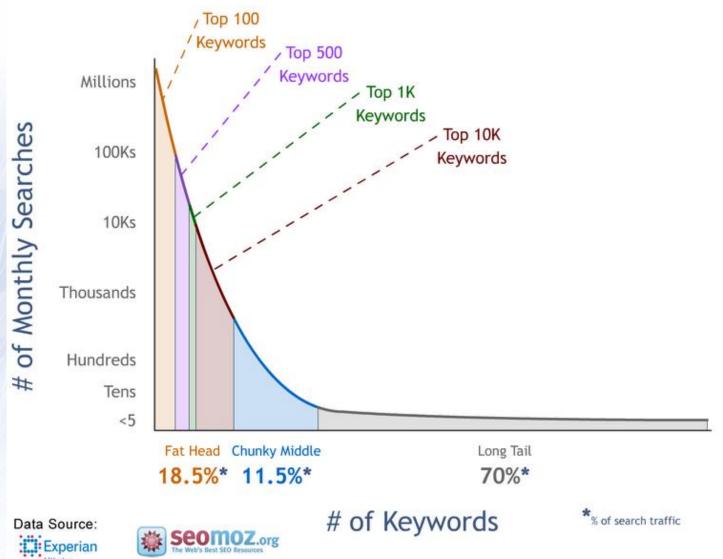


Long-Tail Search Queries

- Longer queries (containing more words) that are often more targeted than shorter broad queries.
 - Computer with high processing speed
 - Shoes with arch support
 - Cheap waterproof dslr case
 - Cool places to eat in London
 - Best place to stay in Rome



The Search Demand Curve





Google Adwords Keyword Planner

Your product or service laptop Get ideas Modify search Columns * ~ Download Add all (569) Ad group ideas Kevword ideas Avg. monthly Competition ? Suggested bid ? Keyword (by relevance) Ad impr. share ? Add to plan searches ? 2,400 High buy a laptop TL6.49 >> best laptop in the world 2.400 Medium TL4.02 >> how to choose a laptop ~ 2.400 Low TL7.66 >> laptop deals for students 2,400 High TL10.09 >> lightweight laptop 2,400 High TL5.19 >> 2.400 High TL5.48 >> laptop pc cheap laptops for sale under 200 2,400 High TL2.43 >> student laptops 2,400 High TL6.15



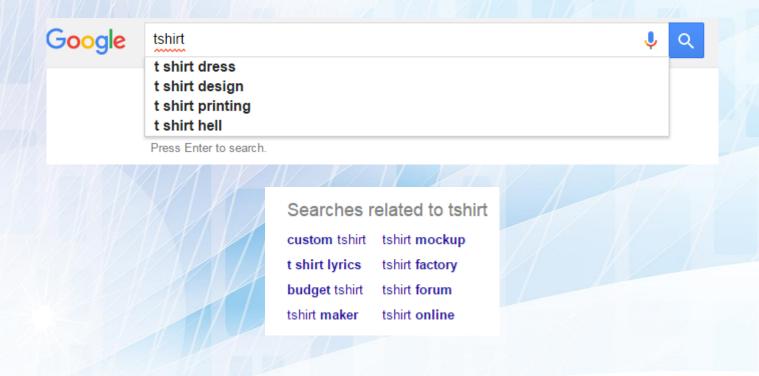
Keyword Research

- Marketers never had access to this much data about customer intentions.
- Keyword research enables marketers to create insights into the thinking of potential customers.

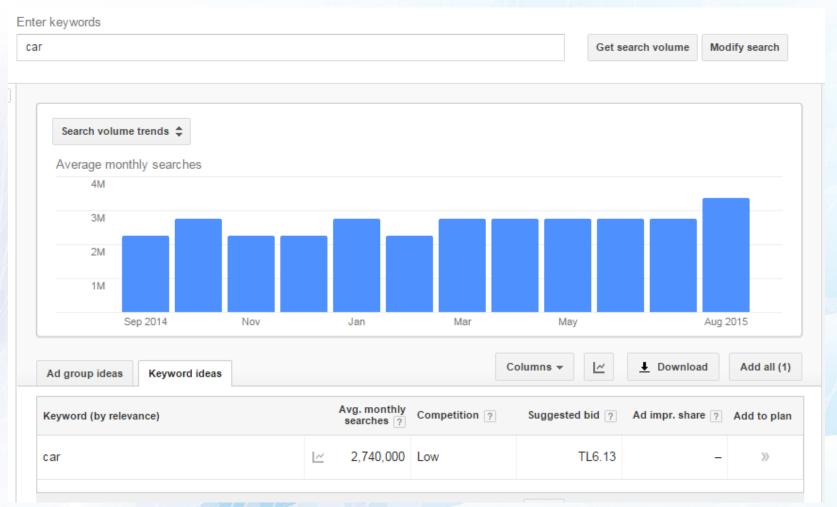


Keyword Research

You can start with related searches and Google instant



Google Adwords Keyword Planner





Google Adwords Keyword Planner

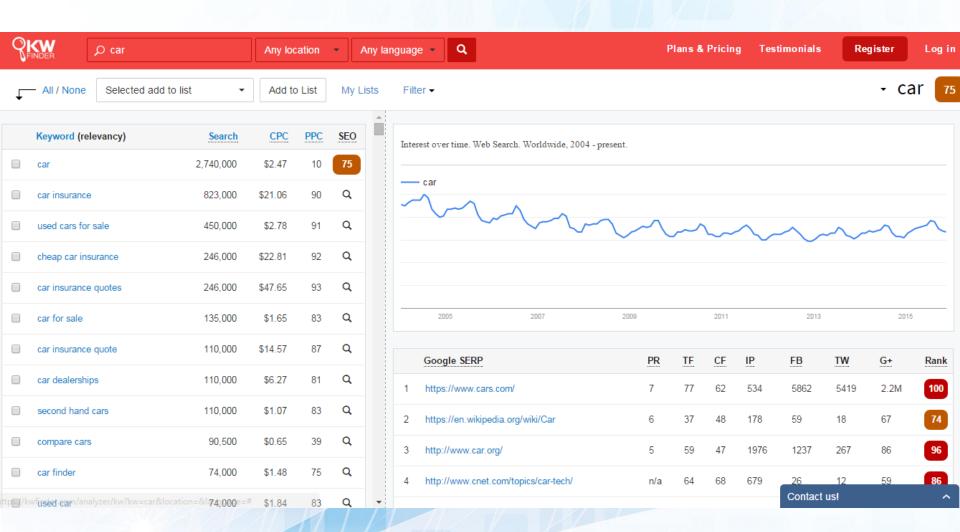
•			Get ideas	Modify search	
Ad group ideas Keyword ideas		Colu	ımns ▼	♣ Download	Add all (722)
Keyword (by relevance)	Avg. monthly searches ?	Competition •	Suggested bid ?	Ad impr. share ?	Add to plan
car carpet	<u> </u> 4,400	High	TL3.58	-	>>
car floor mats	<u> ~</u> 14,800	High	TL6.82	-	>>
car ramps	<u> </u> 18,100	High	TL1.98	-	>>
car lifts for sale	2,900	High	TL6.57	-	>>
car polish	9,900	High	TL1.48	-	>>
battery chargers for cars	<u>1~</u> 720	High	TL1.82	-	»
led lights for cars	9,900	High	TL2.32	-	>>
car tyres	L~ 33,100	High	TL7.00		>>



Some Other Tools

- http://kwfinder.com
- http://keywordtool.io
- http://ubersuggest.org







Content

- Content is king!
- Your content must be:
 - High-quality
 - Unique
 - Indexable
 - Fresh







Meta Tags

- A meta tag is one of many labels you use on your webpage.
- Basic tags:
 - Title
 - Description
 - Heading (h1,h2,h3)
 - Keywords (not important anymore)
- Always avoid «keyword stuffing» in your meta tags.
- Use CTRL + U combination on any web page to see the page source.



Meta Tags

- Title Tag:
 - A title tag must correspond to that page's content.
- Meta Description Tag:
 - Describing the content of the page
 - Serving as a short text advertisement on search results
 - Displaying target keywords to indicate content to searchers



```
<!-- This site is optimized with the Yoast SEO plugin v2.3.4 - https://yoast.com/wordpress/plugins/seo/ -->
<title>What Is SEO / Search Engine Optimization?</title>
<meta name="news_keywords" content="" />
kink rel="original-source" href="http://searchengineland.com/guide/what-is-seo" />
<meta name="description" content="Get started learning all about SEO from the industry&#039;s most trusted source, Search Engine Land. Review basics of search engine optimization, ranking factors & amp; more."/>
kink rel="canonical" href="http://searchengineland.com/guide/what-is-seo" />
kink rel="publisher" href="https://plus.google.com/103218677032751327334"/>
<meta property="og:locale" content="en_US" />
<meta property="og:type" content="article" />
<meta property="og:type" content="article" />
<meta property="og:title" content="What Is SEO / Search Engine Optimization?" />
<meta property="og:description" content="Get started learning all about SEO from the industry&#039;s most trusted source, Search Engine Land. Review basics of search engine optimization, ranking factors & amp; more." />
```

search engine optimization





Web Images News Videos Books More ▼ Search tools

About 71,000,000 results (0.38 seconds)

[PDF] Search Engine Optimization Starter Guide - Google

www.google.com/.../docs/search-engine-optimization-starter-guide.pdf ▼ the topic of search engine optimization and wish to improve their sites' interaction with both ... Search engine optimization affects only organic search results, not.

Do you need an SEO? - Search Console Help

https://support.google.com/webmasters/answer/35291?hl=en ▼ SEO is an acronym for "search engine optimization" or "search engine optimizer." Deciding to hire an SEO is a big decision that can potentially improve your site ...

What Is SEO / Search Engine Optimization?

searchengineland.com/guide/what-is-seo ▼

Get started learning all about SEO from the industry's most trusted source, Search Engine Land. Review basics of search engine optimization, ranking factors ...





Developing an SEO friendly website

- Content must be indexable.
- Link structure must be crawlable.
- XML sitemaps are useful.
- Logical, semantic flow of links from home page to categories to detail pages must be available.
- Page depth must be kept to minimum (as few clicks as possible to get any page)
- Text-link based navigational structure must be preferred.
- Your site must be fast.



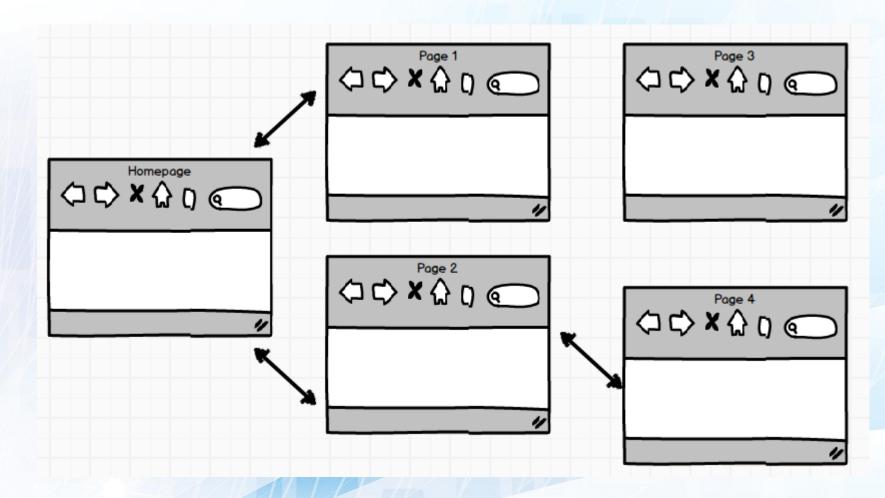
Indexable Content

 The material available to users must be available in HTML text form.

```
→ C n view-source:www.imdb.com/title/tt0468569/?ref_=nv sr 1
        <h2>Storyline</h2>
        <div class="inline canwrap" itemprop="description">
Batman raises the stakes in his war on crime. With the help of Lieutenant Jim Gordon and District Attorney Harvey Dent, Batman sets out to dismantle the remaining criminal
organizations that plague the city streets. The partnership proves to be effective, but they soon find themselves prey to a reign of chaos unleashed by a rising criminal mastermind
known to the terrified citizens of Gotham as The Joker.
                                                                       <em class="nobr">Written by
<a href="/search/title?plot_author=Peteagassi&view=simple&sort=alpha&ref =tt stry pl"
>Peteagassi</a></em>
        </div>
        <span class="see-more inline">
               <a href="/title/tt0468569/plotsummary?ref_=tt_stry_pl"</pre>
>Plot Summary</a>
   <span> </span>
       <a href="/title/tt0468569/synopsis?ref =tt strv pl"</pre>
>Plot Synopsis</a>
   </span>
        <div class="see-more inline canwrap" itemprop="keywords">
           <h4 class="inline">Plot Keywords:</h4>
<a href="/keyword/dc-comics?ref =tt stry kw"</pre>
> <span class="itemprop" itemprop="keywords">dc comics</span></a>
                        <span> </span>
```



Internal Linking





XML Sitemaps

← → C 🐧 🗋 www.amazon.com/sitemap-manual-index.xml

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
▼<sitemapindex xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
 ▼<sitemap>
    <loc>http://www.amazon.com/sitemap_browse.xml.gz</loc>
    <lastmod>2012-07-12T12:00:00+00:00</lastmod>
   </sitemap>
 ▼<sitemap>
     <loc>http://www.amazon.com/sitemap_dvds.xml</loc>
   </sitemap>
 ▼<sitemap>
    <loc>http://www.amazon.com/sitemap kindle.xml</loc>
   </sitemap>
 ▼<sitemap>
     <loc>http://www.amazon.com/sitemap e automotive.xml.gz</loc>
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    <loc>http://www.amazon.com/sitemap video.xml</loc>
   </sitemap>
 ▼<sitemap>
     <loc>http://www.amazon.com/sitemap special events.xml</loc>
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   ▼<loc>
      http://www.amazon.com/sitemap android appstore browse.xml.gz
     </loc>
   </sitemap>
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   ▼<loc>
      http://www.amazon.com/sitemap android appstore detail.xml.gz
     </loc>
   </sitemap>
```

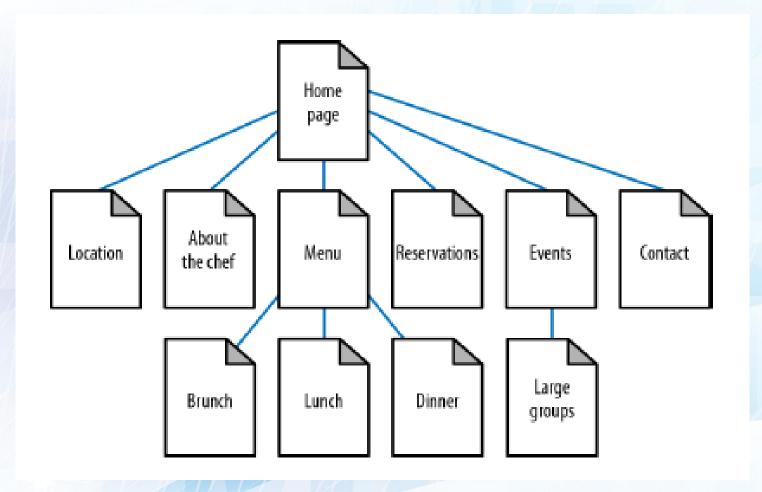


Logical, Category-Based Flow

- Two principles of website information architecture:
 - Usability or making a site easy to use
 - Information architecture or crafting a logical, hierarchical structure for content

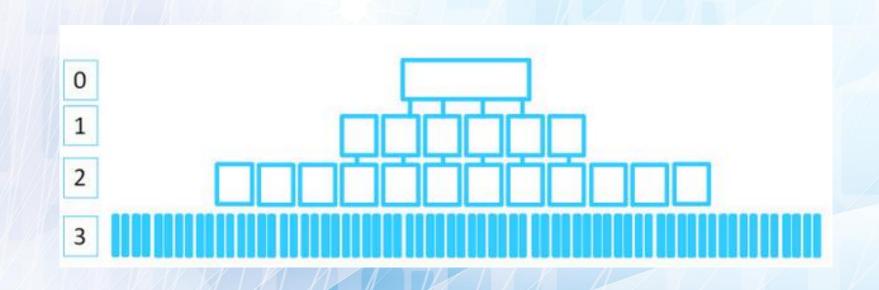


Site Architecture





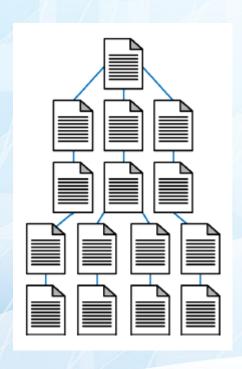
Page Depth





Flat vs. Deep Structure







Search-Friendly Site Navigation

Text-link based navigational structure must be preferred.





Site Speed

- Google cares about speed therefore having a fast website has a high level of importance in terms of SEO.
- Some Tools:
 - Pagespeed Insights
 - YSlow



Performance Scores

PageSpeed Score

A (95%) **^**

YSlow Score

C(76%) •

Page Details

Page Load Time

6.4s^

Total Page Size

915KB ^

Requests

68 ^

PageSpeed	YSlow	Waterfall	Video	History		
RECOMMENDATION			GRADE		TYPE	PRIORITY
▼ Specify image dimensions			F (25)		IMAGES	HIGH
▼ Defer parsing of	JavaScript		E	(51)	JS	HIGH
▼ Optimize images			D	(82)	IMAGES	HIGH
▼ Specify a Vary: Accept-Encoding header			D	(68)	SERVER	HIGH
▼ Minimize request size			С	(70)	CONTENT	HIGH
▼ Avoid a character set in the meta tag			В	(85)	CONTENT	HIGH
▼ Avoid CSS @import			В	(85)	CSS	MEDIUM
▼ Leverage brows	er caching		В	(89)	SERVER	HIGH
▼ Specify a cache	validator		В	(89)	SERVER	HIGH
▼ Avoid landing pa	age redirects		А	(92)	SERVER	HIGH
▼ Remove query s	trings from sta	tic resources	A	(92)	CONTENT	HIGH

What do my scores mean?

Rules are sorted in order of impact upon score

Optimizing rules at the top of the list can greatly improve your overall score.

Not every recommendation will apply to your page

The recommendations are meant to be generic, best practices; some things will be out of your control (eg. external resources) or may not apply to your page.

Need optimization help?

Gossamer Threads can handle all of your speed optimization requirements.



Off-Page Optimization



Off-Page Optimization

- Things you to on the internet, but not on your website, to improve search engine result placements.
- Not only SEO knowledge, but also creativity is a vital part of this.



What is Link Building?

- **Link building** is the practice of actively marketing your site with the intent to obtain links from other sites. There are two critical points to remember regarding link building:
 - Link building is a fundamental part of SEO. Unless you have an enormously powerful brand (one that attracts links without effort), you will fail without it.
 - Link building should never stop. It is an ongoing part of marketing your website.



Page Rank Algorithm

- In simple terms, each link to a web page is a counted as a vote for that page, and the page with the most votes wins.
- Link value was also affected by:
 - Anchor text
 - Relevance
 - Authority
 - Trust



- Using Content to Attract Links
 - Establish your site as a leading expert on a topic
 - Minimize the commercial nature of content
 - Types of content:
 - Articles
 - Images
 - Videos
 - Infographics
 - Widget/tools
 - Online games



- Marketing content for link acquisition
 - Content syndication
 - Social news and sharing sites
 - Social media
 - Blogs



Directories





- Incentive-based link requests
 - Giveaways (ie. widgets with a link)
 - Do not buy or sell links. NEVER, EVER!



- Direct Link Requests
 - Create a value proposition
 - Basic e-mail pitch



- Manual Social Media Link Creation
 - Social media sites
 - Forums
 - Blogs



Choosing The Right Link Building Strategy

- Identify types of sites that might link to a site like yours
- Find out where your competitors get links
- Review your website assets
- Identify any strategic limitations
- Identify methods for contacting potential linkers



- Identify types of sites that might link to a site like yours
 - Noncompeting sites in your market space
 - Major media sites
 - Blogs
 - University and college sites
 - Government sites
 - Sites that link to your competitors
 - Related hobbyist sites



- Find out where your competitors get links
 - https://moz.com/researchtools/ose/
 - https://majestic.com/
 - http://www.linkresearchtools.com/



- Review your website assets
 - Existing & new content
 - Especially focus on unique content that leverages your expertise



Identify any strategic limitations



- Identify methods for contacting potential linkers
 - Direct methods:
 - Email
 - Blogger networking
 - Indirect methods:
 - PR
 - Speaking at conferences



Next Steps

- Execute aggressively
- Conduct regular strategic reviews
- Create a link-building culture
- Never stop



Researching The Competition

- Some tools
 - Searchmetrics
 - Similar Web
- It's useful to analyze the following elements of all competing websites:
 - Content
 - URLs
 - Links
 - Meta Data
 - Etc.



Data!

- You should at least follow:
 - Traffic sources and volume
 - Search Engine Rankings
 - Index status
 - Crawl stats

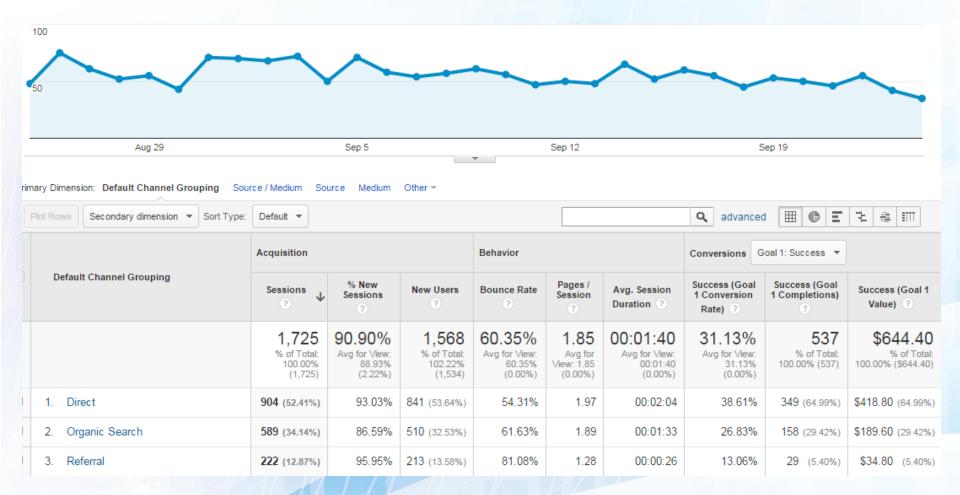


Data Tools

- Web Analytics Tools (like Google Analytics)
- Google Search Console (Formerly know as Google Webmaster Tools)
- Logs
- Free & Paid Tools available online

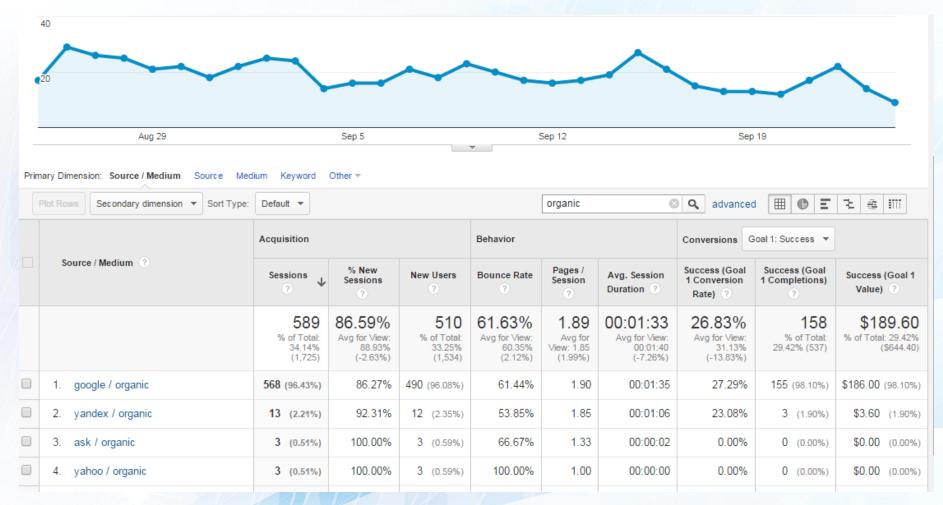


Organic Search



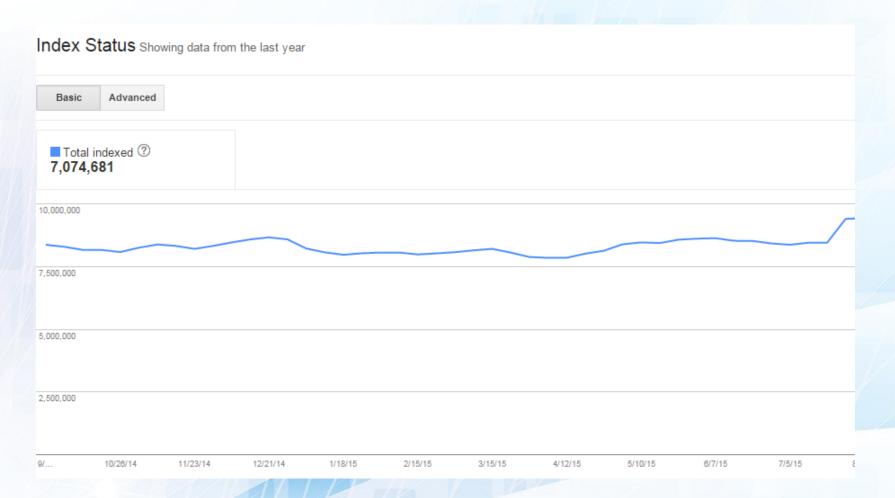


Traffic By Search Engine





Index Status





Crawl Stats





What has happened lately?

- Panda & Penguin
- Hummingbird
- Mobile



Panda Update

- Panda was rolled in 2011.
- Creating a great user experience became more and more important.
- Unique, good, sharable content became important as content that is «intentionally created for SEO purposes» got penalized.
- Metrics like bounce rate, average time on site, etc. became more important.



Penguin Update

- Panda was rolled in 2012.
- It was mostly about backlinks.
- Buying links and obtaining them through link networks to boos Google rankings was punished.



Hummingbird

- Google's new search algorithm.
- It was released in 2013.
- Pagerank is considered to be one of the ingredients of Hummingbird.
- Designed to focus on meaning behind the words.
- Conversational search
 - «Where can I buy a cheap smartphone?»



Mobile

- In 2015, Google released their «mobile friendly update»
- Mobile friendy pages now have a boosted ranking on mobile search results.



Other Updates

- Payday
- Pirate
- Exact Match Domain
- Top Heavy
- Pigeon
- For more: http://searchengineland.com/library/google/google-algorithm-updates



Keeping up with the changes

- https://moz.com/google-algorithm-change
- Also, keep following all the resources stated in the syllabus in the beginning of the year.



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Sources

- emarketing: The Essential Guide To Marketing In a Digital World 5 Ed.» by Rob Stokes and and Minds of Quirk which is available at:
 - http://www.quirk.biz/emarketingtextbook/
- The Art of SEO (Theory in Practice) Second Edition Edition by Eric Enge, Stephan Spencer, Jessie Stricchiola, Rand Fishkin (Author)
- SEO Made Simple (4th Edition): Strategies for Dominating Google, the World's Largest Search Engine by Michael H Fleischner