Search



Historical Search Tools

Yahoo Search Index

Human edited

Early search engines

Excite, Alta Vista, Lycos, etc.



Search options Yahoo! Chat with Wall Street guru Jim Cramer, supermodel Frederique

Yellow Pages - People Search - Maps - Classifieds - Personals - Chat - Free Email Shopping - My Yahoo! - News - Sports - Weather - Stock Quotes - more...

- Arts and Humanities Architecture, Photography, Literature...
- Business and Economy [Xtra!] Companies, Finance, Employment...
- Computers and Internet [Xtra!] Internet, WWW, Software, Multimedia...
- Education Universities, K-12, College Entrance...
- Entertainment [Xtra!] Cool Links, Movies, Music, Humor,
- Government Military, Politics [Xtra!], Law, Taxes...
- Health [Xtra!] Medicine, Drugs, Diseases, Fitness...

- News and Media [Xtra!] Current Events, Magazines, TV, Newspapers...
- Recreation and Sports [Xtra!] Sports, Games, Travel, Autos, Outdoors...
- Reference Libraries, Dictionaries, Phone Numbers...
- Regional Countries, Regions, U.S. States...
- Science CS, Biology, Astronomy, Engineering...
- Social Science Anthropology, Sociology, Economics...
- · Society and Culture People, Environment, Religion...

What's New - Weekly Picks - Today's Web Events - Yahoo! Internet Life Yahooligans! for Kids - Visa Shopping Guide - Yahoo! Style - 3D Stock Viewer

World Yahoos Australia & NZ - Canada - Denmark - France - Germany - Japan - Korea Norway - SE Asia - Sweden - UK & Ireland

Yahoo! Metros Atlanta - Austin - Boston - Chicago - Dallas / Fort Worth - Los Angeles Get Local Miami - Minneapolis / St. Paul - New York - S.F. Bay - Seattle - Wash D.C.

Smart Shopping with

How to Suggest a Site - Company Info - Openings at Yahoo! - Contributors - Yahoo! How-To



Modern Search Engines

Google

My sites - 90%+ google

Bing - less than 10%

Yahoo - Same as bing?

Duck Duck Go - Privacy concerns









Modern Search Engines

Pages visited by crawler (spider, bot)

Crawler

- Browses the web
- **Indexes** content for analysis

Search algorithm applied to data that the crawler collects in response to search queries



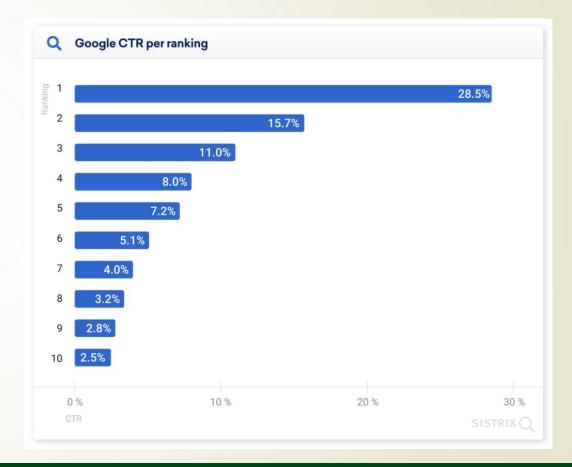






Why is Search Important?

- Click through by rank position
- More than half of all clicks occur on top three search results





How Google Works

- Proprietary
- Changes all the time in response to gaming
- Page Rank
- Links to your site from other sites (Backlinks)
- Backlinks from pages with high page rank help your page rank more.



Author: Seobility - License: CC BY-SA 4.0



Other Ranking Factors

- Quality of content
 - Original
 - Unique
 - **Updated**
 - Evaluated by AI Rankbrain
- Keywords in <title> tags
- Mobile friendliness (mobile searches only)
- https://search.google.com/test/mobilefriendly



https://backlinko.com/google-ranking-factors



Still More Factors...

- Page Speed (separate lecture)
- Site security (SSL)
- Keywords in URL
- Keywords in heading tags
- Possibly Social Media signals
- Domain factors (age, keyword in domain, history)
- Full list of 200 see link



https://backlinko.com/google-ranking-factors



Google Search Personalization

- Apparently enabled by default
- Search history (based on signed in account, Web History on)
- Search history (not signed in, based on cookie in browser)
- Geographical location (based on IP address)





Google Search Personalization

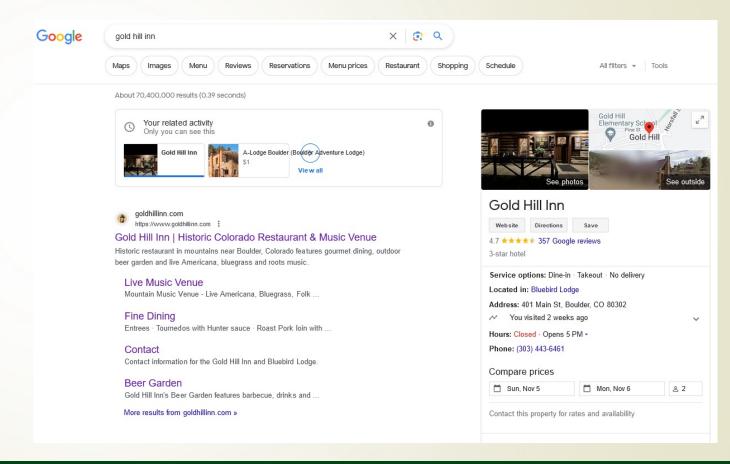
- Apparently enabled by default
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Display of Results

- Query > Search Engine Results page (SERP)
- Examples





Expanded Listings (Sitelinks)

- Automated
- **Again Gold Hill**
- Where do subheaders come from?
- Possible factors
 - High ranking for keywords
 - High traffic
 - High click through rates
 - Unique titles/meta description

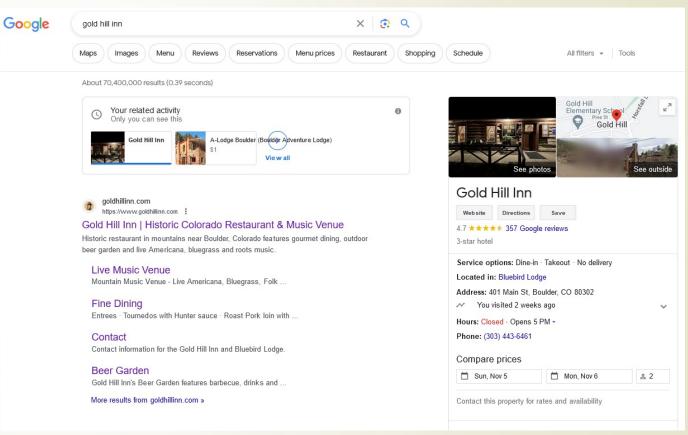
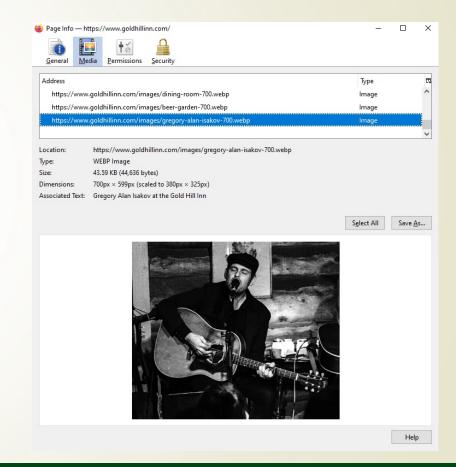




Image Alt Text Guidelines

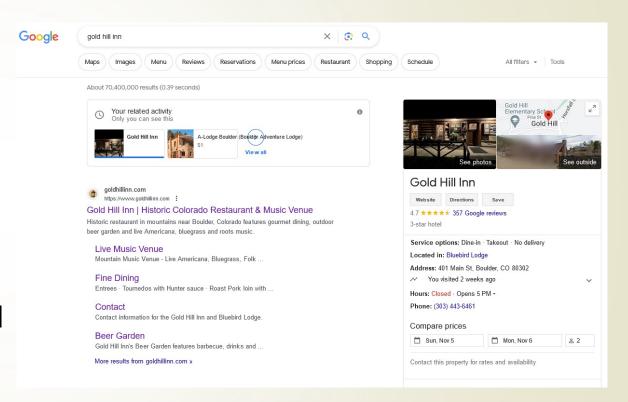
- Ctrl-I > Media: Properties bar for images (Firefox only)
- English words!
- Sentence case!
- Repeat text in images
- Short, relevant, meaningful
- Use keywords
- No alt text for purely decorative images





Document Title Guidelines

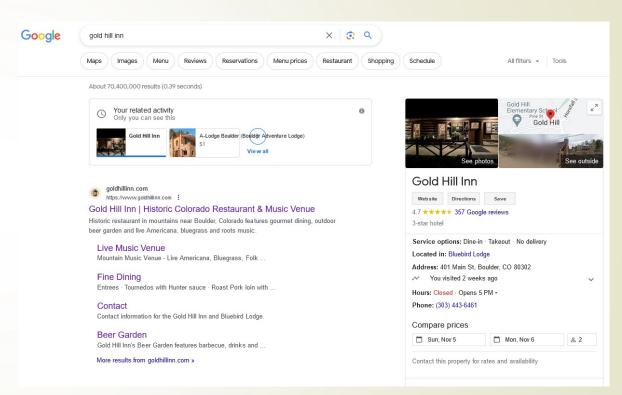
- Short, Unique and relevant page titles
- Page description | Section name | Site or company name
- Or Site or company name | Section name | Page description
- Google limit 64 characters (physical limit)
- Omit articles in favor of separators. Make all words count
- Does google sometimes edit this? Example: Music page





Strategies

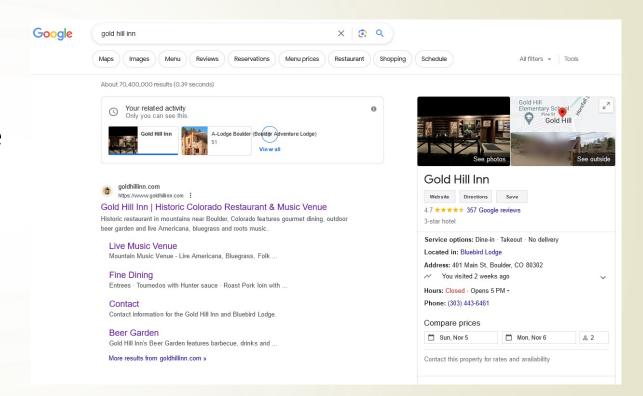
- Write good content, keep it fresh
- Need incoming links
- Good content brings incoming links
- Social media brings incoming links, may be a ranking signal (not clear)
- May take a long time
- Use headings appropriately (text in headings)
- Text where possible (Avoid text in images)





More Strategies

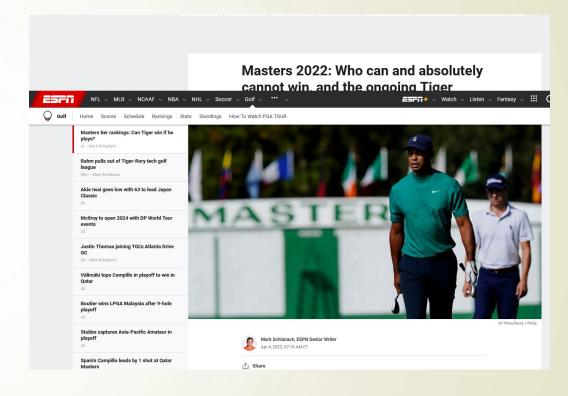
- Alt text on all images (per guidelines)
- Good document titles
- Keywords (and variations) text somewhere (e.g., running shorts, attire)
- Keywords in titles, headings (especially h1) and alt text may get extra emphasis
- Make your pages lean and fast
- Optimize for mobile





More Strategies File/Directory Names

- Keywords in filenames, separated by dashes—URL is displayed in Google results
- Example: ESPN Tiger Woods
- https://www.espn.com/golf/story/_/id/3362 9573/masters-2022-absolutely-cannotwin-ongoing-tiger-woods-question





Writing Copy

- Primary and secondary keywords
- Primary keywords (1 or 2) are in page title,
 h1, early in content (first 100 words)
- Make sure secondary keywords are in copy
- Use keywords in links where possible
- Grammar/spelling/appropriate language?
- Generally, what works for google is good for search results in other search engines



Meta Tags

- Meta keywords tag generally not considered any more
- Meta description tag may be displayed for google search results
- Affects clickthrough! High clickthrough may help ranking
- example goldhillinn.com



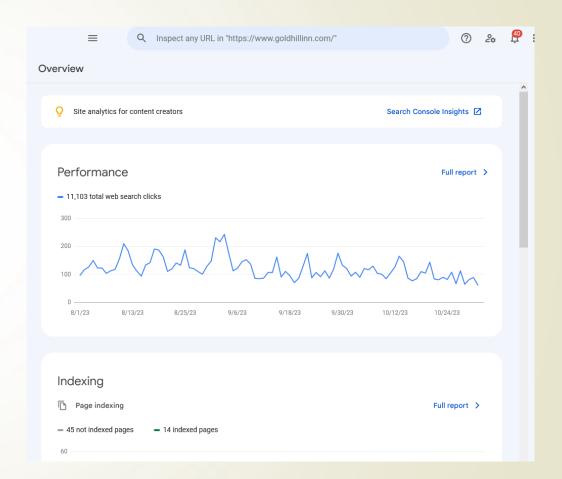
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Metrics

- Google Search Console
- View Performance tab
 - Impressions, clicks, CTR, position
- Links
 - External, linking sites
- Search Console Insights





Effect of Al

 Will Al kill search engines and/or search engine optimization?

