



# OSINT Dark Arts and Privacy in CyberSpace

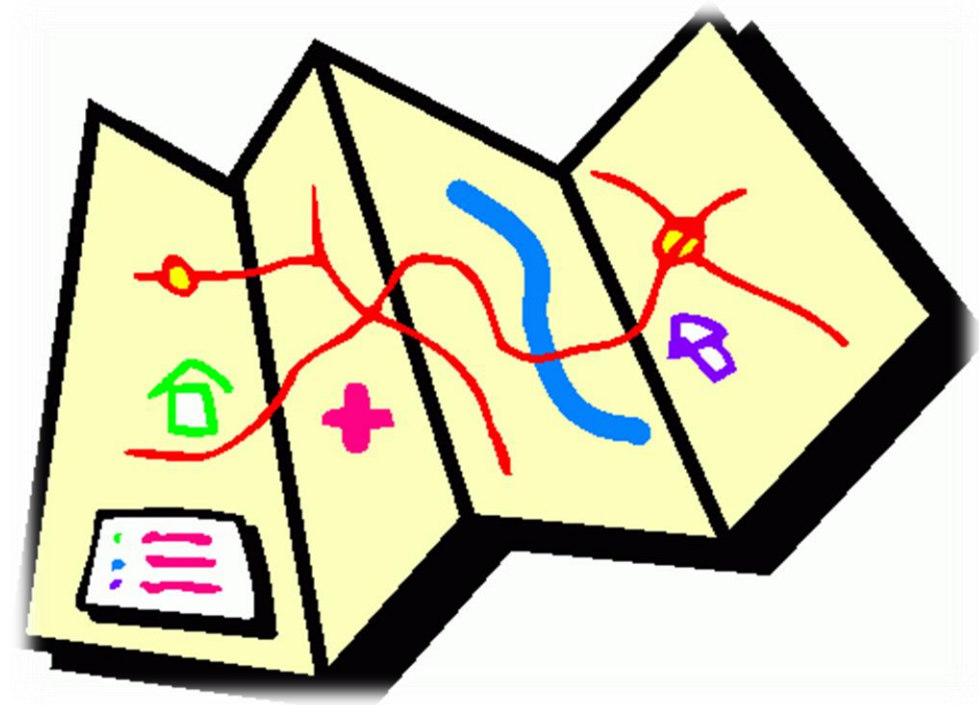
Dhanith Krishna B

“Using public sources openly and without resorting to illegal means, it is possible to gather at least 80 percent of all information required about the enemy”

- Al Qaeda training manual

# #Roadmap

- Food for thought
- OSINT
- Techniques & Tools
- Protecting yourself
- TODO



# Food for Thought

- Social Media
- Shopping
- Banking
- Learning
- Dating
- Business

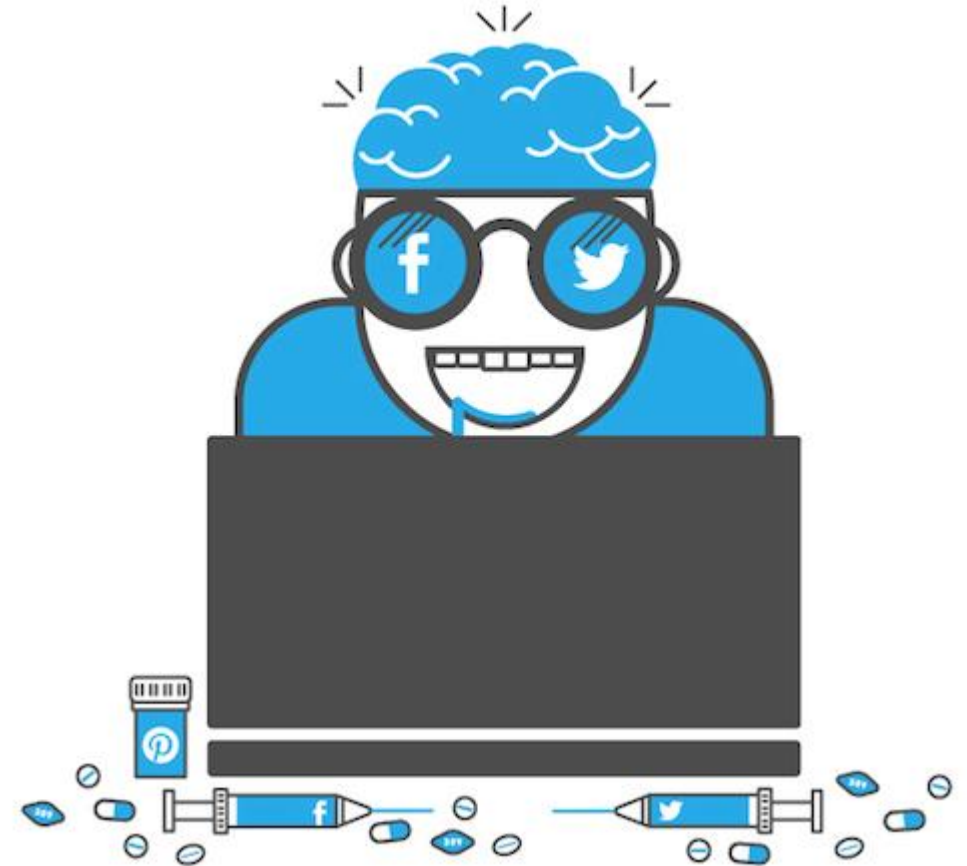
**ONLINE WEDDING!!!!**





# Data we intentionally give

- Text
- Picture
- Audio
- Video
- Geospatial Data
- Juicy P I I



# Data collected without our knowledge

- Smart Phone

- Contacts
- SMS
- Personal Information

- IOT

- Medical Data
- Usage Trends
- What not?





© 2013 Geek Culture



joyoftech.com



# OSINT

OSINT is defined by both the U.S. Director of National Intelligence and the U.S. Department of Defense (DoD), as "produced from publicly available information that is collected, exploited, and disseminated in a timely manner to an appropriate audience for the purpose of addressing a specific intelligence requirement."

In simple words deriving actionable intelligence from public information sources.



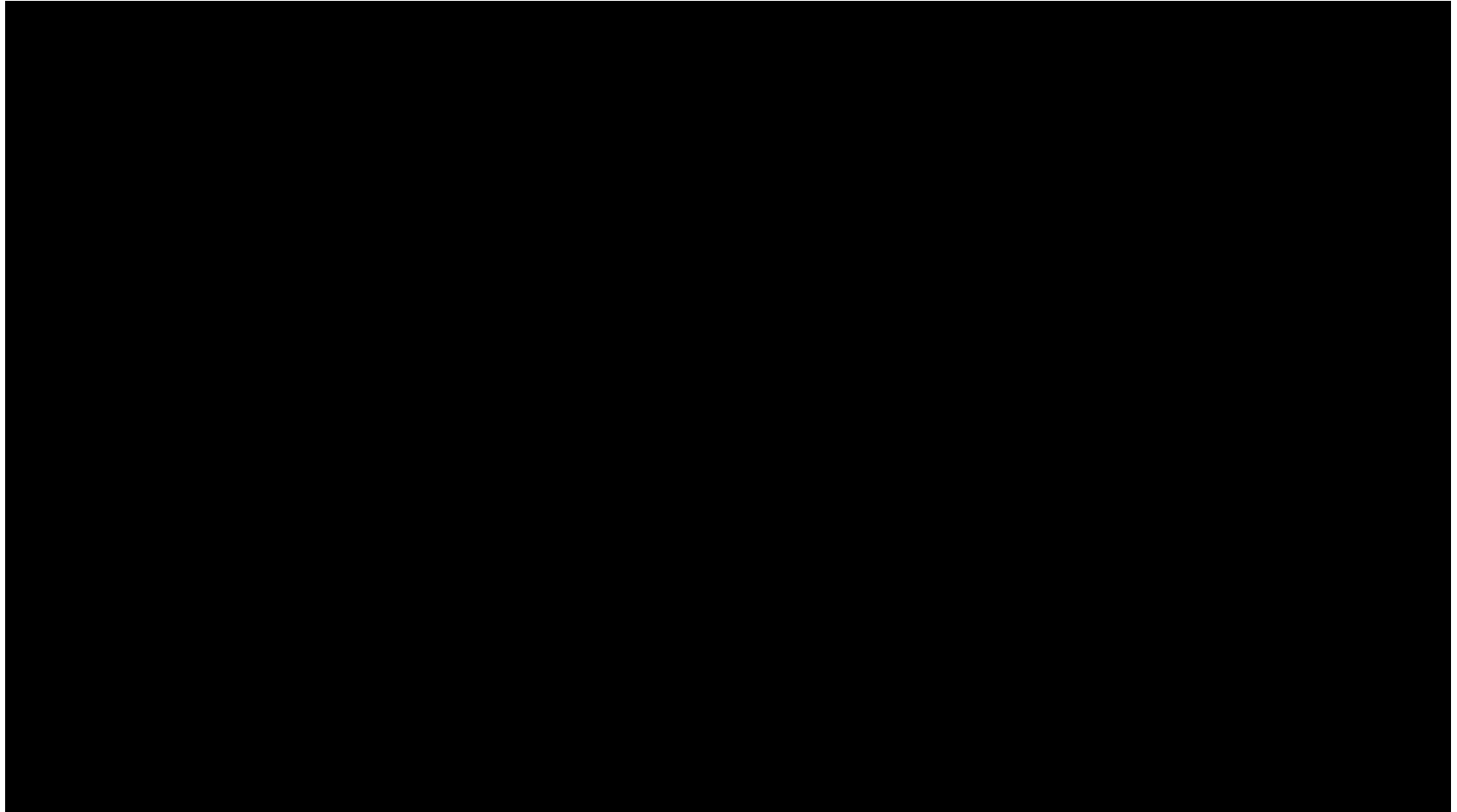
# Beneficiaries

- Governments , Militaries and Intelligence Agencies
- Big Corporations
- Market study and Analysis
- Political parties
- Information Security Consultants
- Black hats and Hacktivists
- Fraudsters



# How OSINT can be used against you

- Identity Theft
- Financial Loss
- Cyber Bullying
- Fraud



# Tools & Techniques

# Search Engines

- Google
- Yahoo
- Bing
- Baidu
- Yandex
- DuckDuckGo

Google

 bing

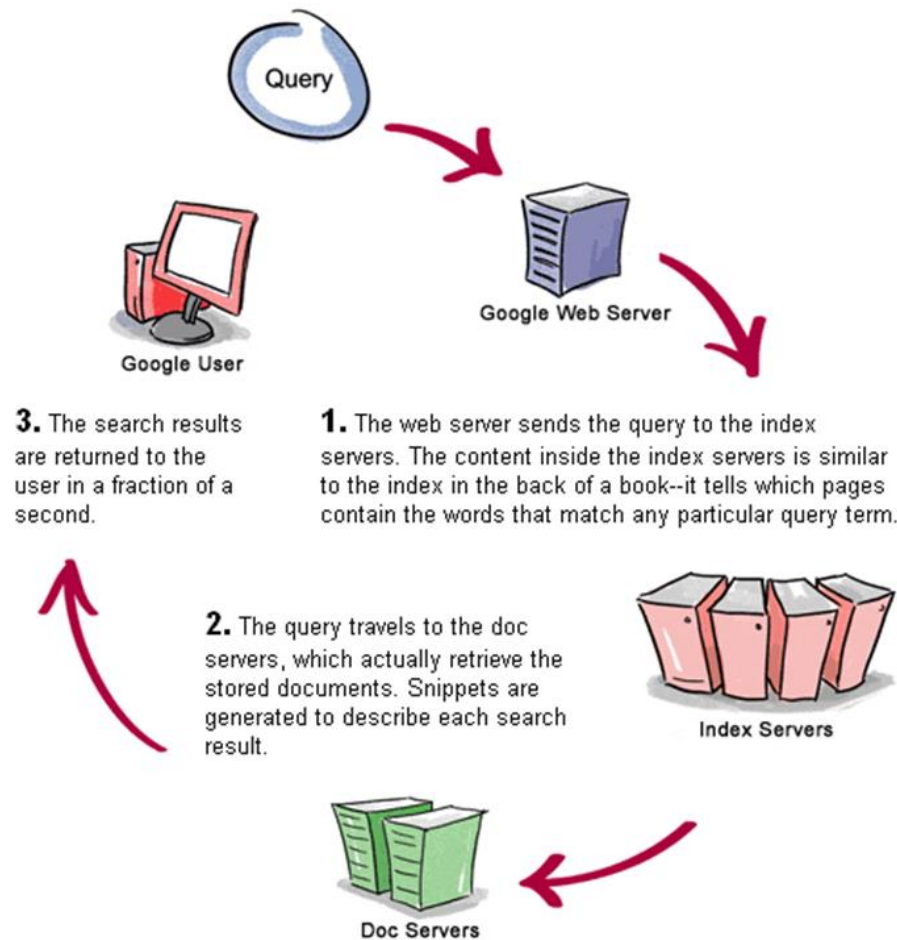
Yandex

Baidu 百度

YAHOO!


Aol. 

# How google works?



Copyright © 2003 Google Inc. Used with permission.

# Google advanced search

 Dummy

Advanced Search

Find pages with...

all these words:

this exact word or phrase:

any of these words:

none of these words:

numbers ranging from:

 to

To do this in the search box.

Type the important words: tri-colour rat terrier

Put exact words in quotes: "rat terrier"

Type OR between all the words you want: miniature OR standard

Put a minus sign just before words that you don't want:  
-rodent, -"Jack Russell"

Put two full stops between the numbers and add a unit of measurement:  
10..35 kg, £300..£500, 2010..2011

Then narrow your results by...

language:

any language

Find pages in the language that you select.

region:

any region

Find pages published in a particular region.

last update:

anytime

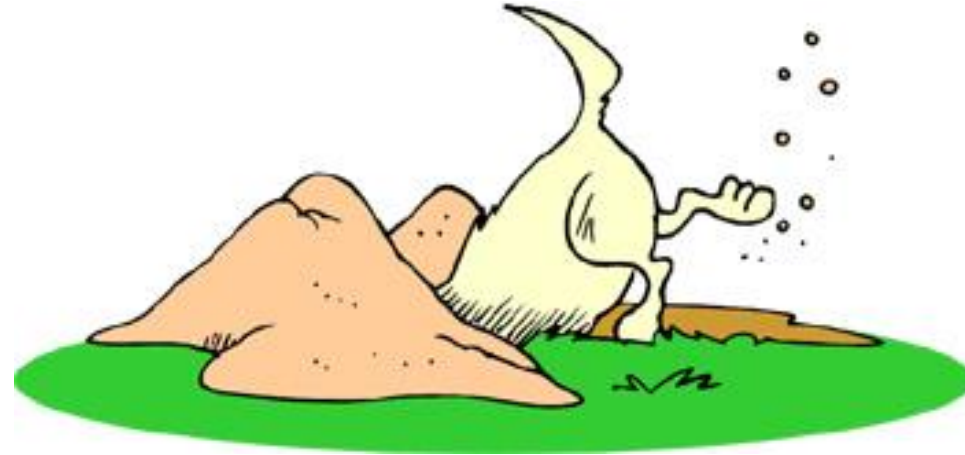
Find pages updated within the time that you specify.

site or domain:

Search one site (like wikipedia.org) or limit your results to a domain like .edu, .org or .gov



# Dorking



Dork is a special search string that uses advanced search operators to find information that is not readily available.

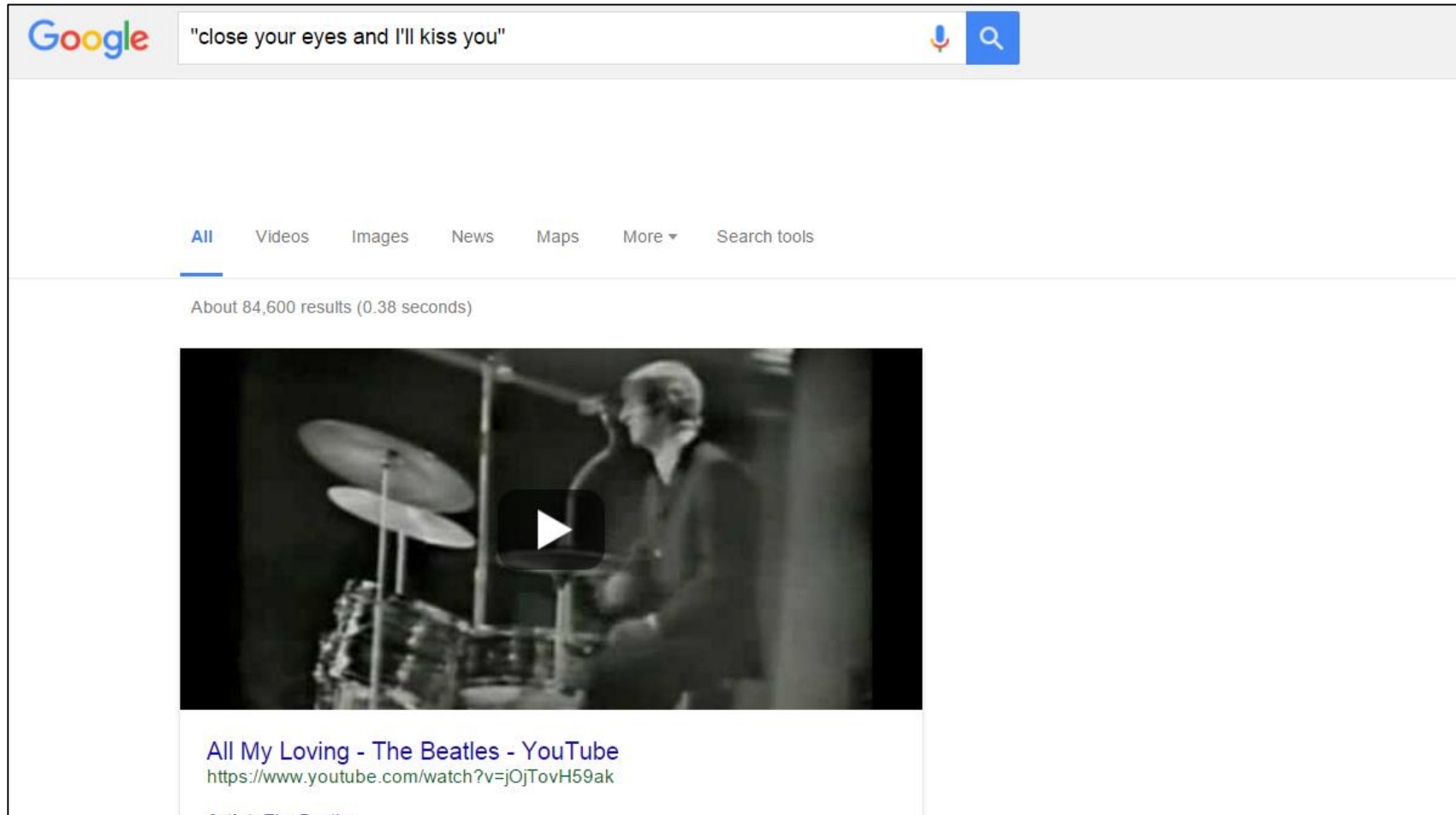
-Johnny Long

Wrote Google Hacking for Penetration Testers; ISBN 1931836361

# Special Characters

Operator	Description
" "	Must include
-	Don't include
~	Synonym
	Pizza or burger
..	Range
*	Multi character wildcard

# “ ” operator



# - operator

The screenshot shows a Google search interface. The search bar contains the text "sachin -tendulkar". Below the search bar, there are tabs for "All", "Images", "News", "Videos", "Maps", and "More", along with a "Search tools" button. The search results show "About 2,22,00,000 results (0.40 seconds)". The first result is a snippet about Sachin Khedekar, an Indian actor and director from Maharashtra, with a small photo of him. Below this snippet is a link to his Wikipedia page. The second result is a snippet about Sachin (actor) - Wikipedia, the free encyclopedia, with a link to his Wikipedia page. The snippet includes his birth date (17 August 1957) and a list of his years active (1962–present).

Google sachin -tendulkar

Sign in

All Images News Videos Maps More Search tools

About 2,22,00,000 results (0.40 seconds)

**Sachin Khedekar** (Marathi: सचिन खेडेकर) is an Indian actor and director from Maharashtra, best known for his roles in the film *Astitva*, TV series *Imtihaan*, and as Subhas Chandra Bose in Shyam Benegal's *Netaji Subhas Chandra Bose: The Forgotten Hero*.

[Sachin Khedekar - Wikipedia, the free encyclopedia](https://en.wikipedia.org/wiki/Sachin_Khedekar)  
[https://en.wikipedia.org/wiki/Sachin\\_Khedekar](https://en.wikipedia.org/wiki/Sachin_Khedekar)

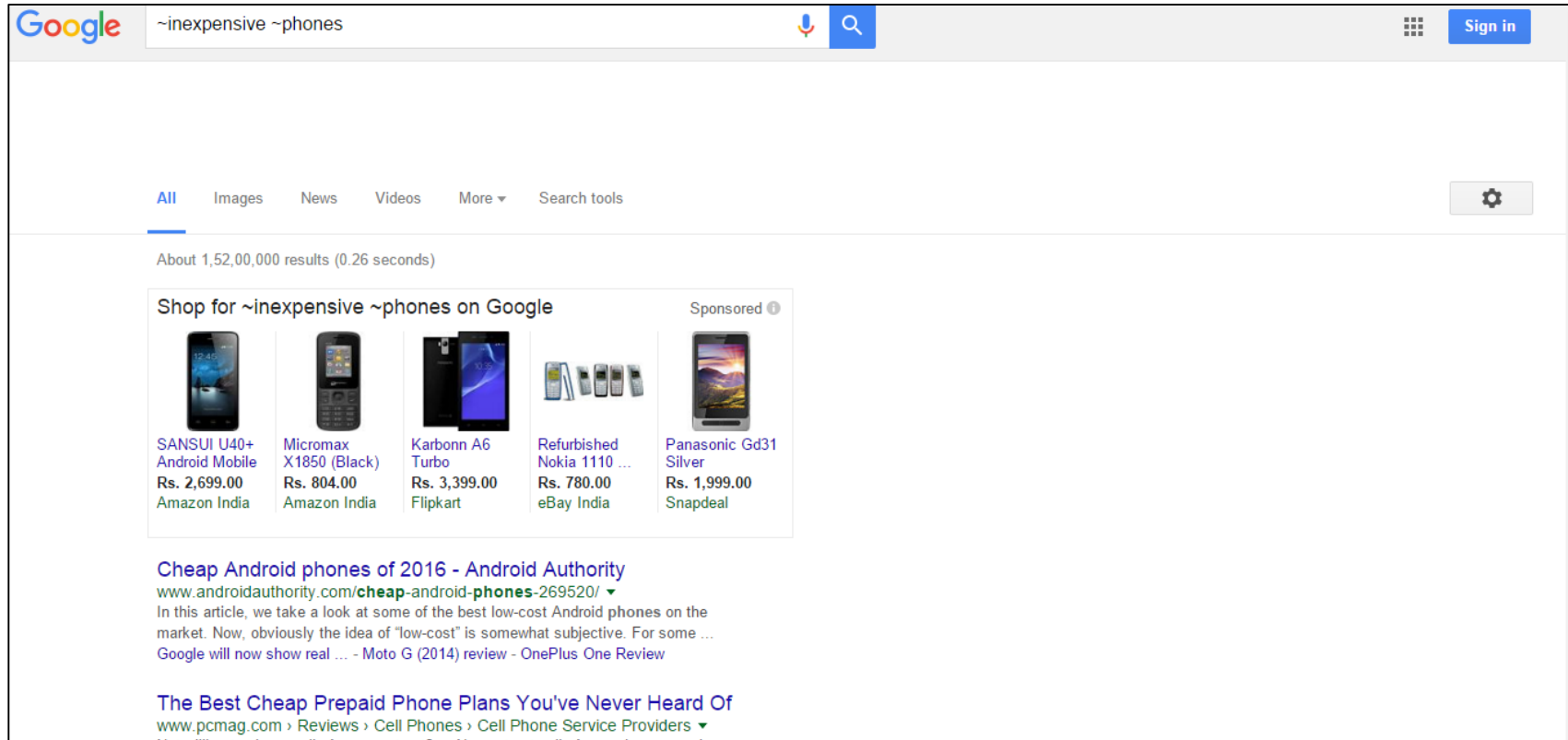
Feedback

**Sachin (actor) - Wikipedia, the free encyclopedia**  
[https://en.wikipedia.org/wiki/Sachin\\_\(actor\)](https://en.wikipedia.org/wiki/Sachin_(actor))

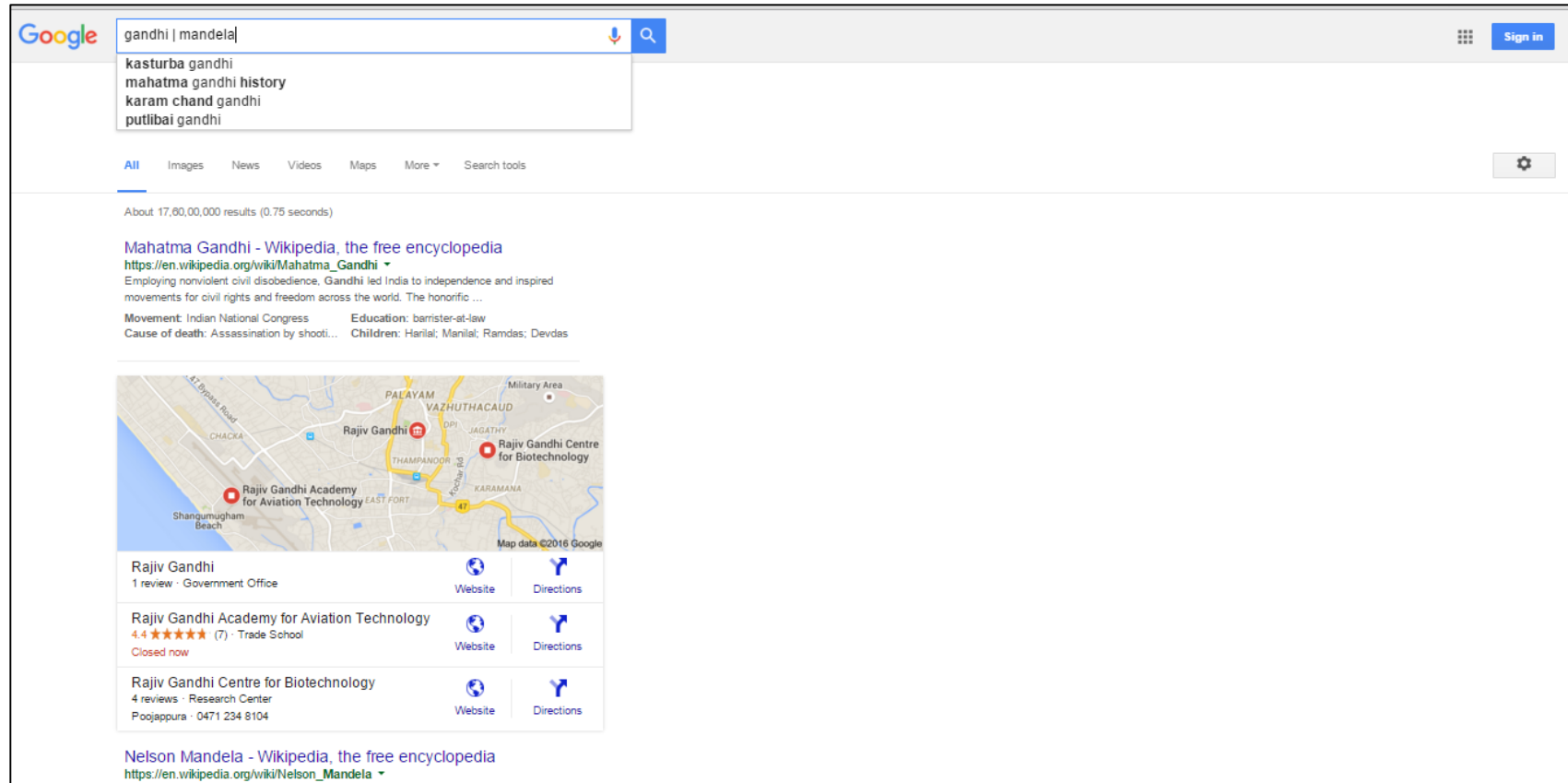
**Sachin** Pilgaonkar (Marathi: सचिन पिळगावकर; born 17 August 1957), often known by his first name **Sachin**, is an Indian film and television actor, director, singer, and producer.

**Years active:** 1962–present **Spouse(s):** Supriya Pilgaonkar

# ~ operator



# | operator



# .. operator

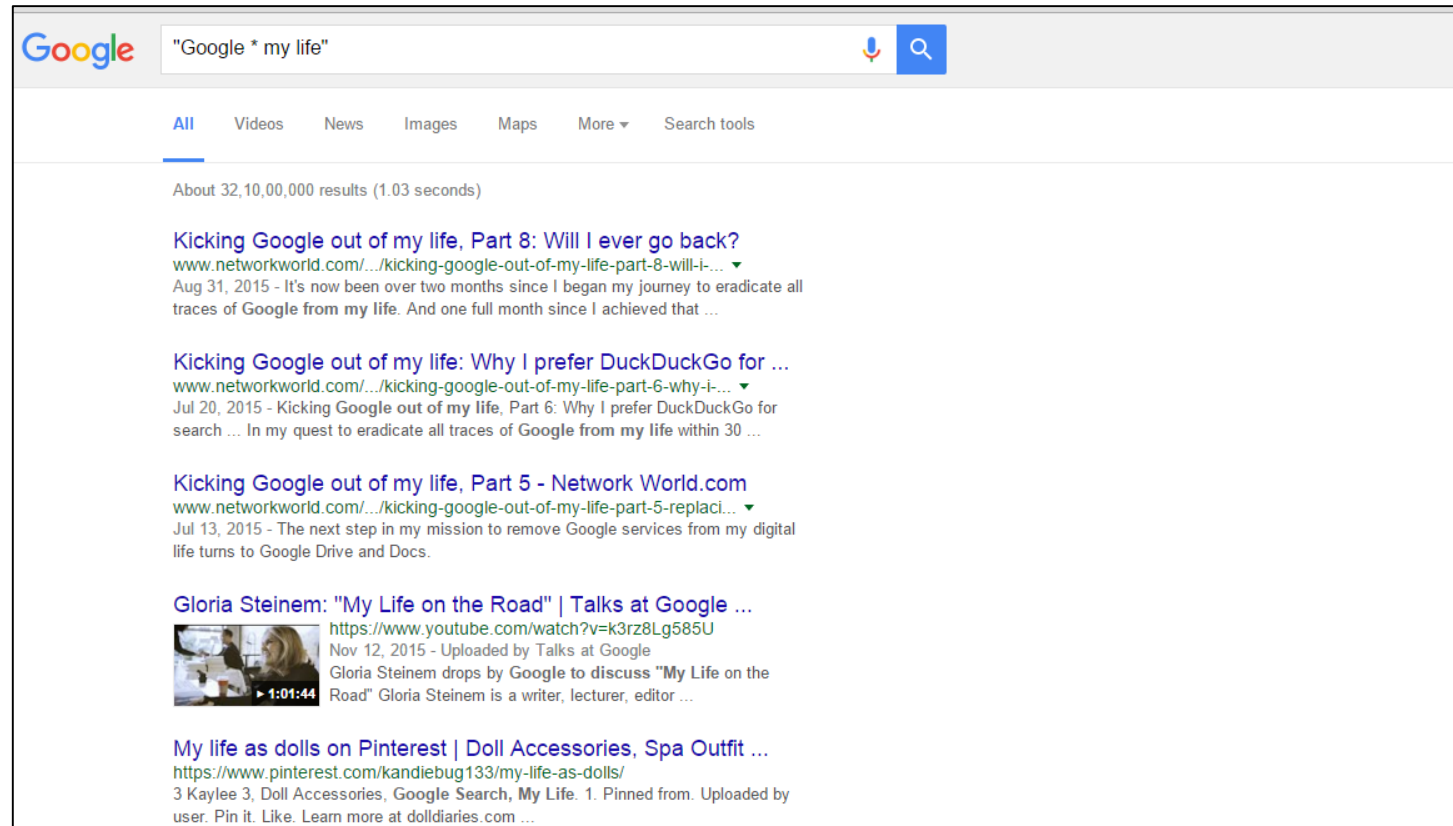
The screenshot shows a Google search interface with the query "1000..5000 rupee gifts". The search results page displays a sponsored section titled "Shop for 1000..5000 rupee gifts on Google". This section contains five product listings:

Product	Price	Source
Amazon.in Black Gift Card	Rs. 3,000.00	Amazon India
Sterling Silver 999 Purity One	Rs. 999.00	Amazon India
Levi's Gift Card - Rs. 500	Rs. 500.00	Amazon India
Big Bazaar Gift Voucher - Rs. 5,000.00	Rs. 5,000.00	Amazon India
SSS Pure Silver 1000 Rs	Rs. 289.00	Snapdeal

Below the sponsored results, there are two organic search results from GiftsbyMeeta:

- Rs. 2000 - 2500 - GiftsbyMeeta**  
[www.giftsbymeeta.com/below-rs-2500](http://www.giftsbymeeta.com/below-rs-2500)  
Products 1 - 24 of 124 - Giftsbymeeta.com - one of the best gift shop in India has huge collection of unique gifts & gift ideas less than Rs 2500. Buy gifts under Rs ...
- Rs. 1000 - 1500 - GiftsbyMeeta**  
[www.giftsbymeeta.com/below-rs-1500](http://www.giftsbymeeta.com/below-rs-1500)  
Products 1 - 24 of 99 - Giftsbymeeta.com - one of the best gift shop in India has huge collection of unique gifts & gift ideas less than Rs 1500. Buy gifts under Rs ...

# \* operator





# More Special Characters

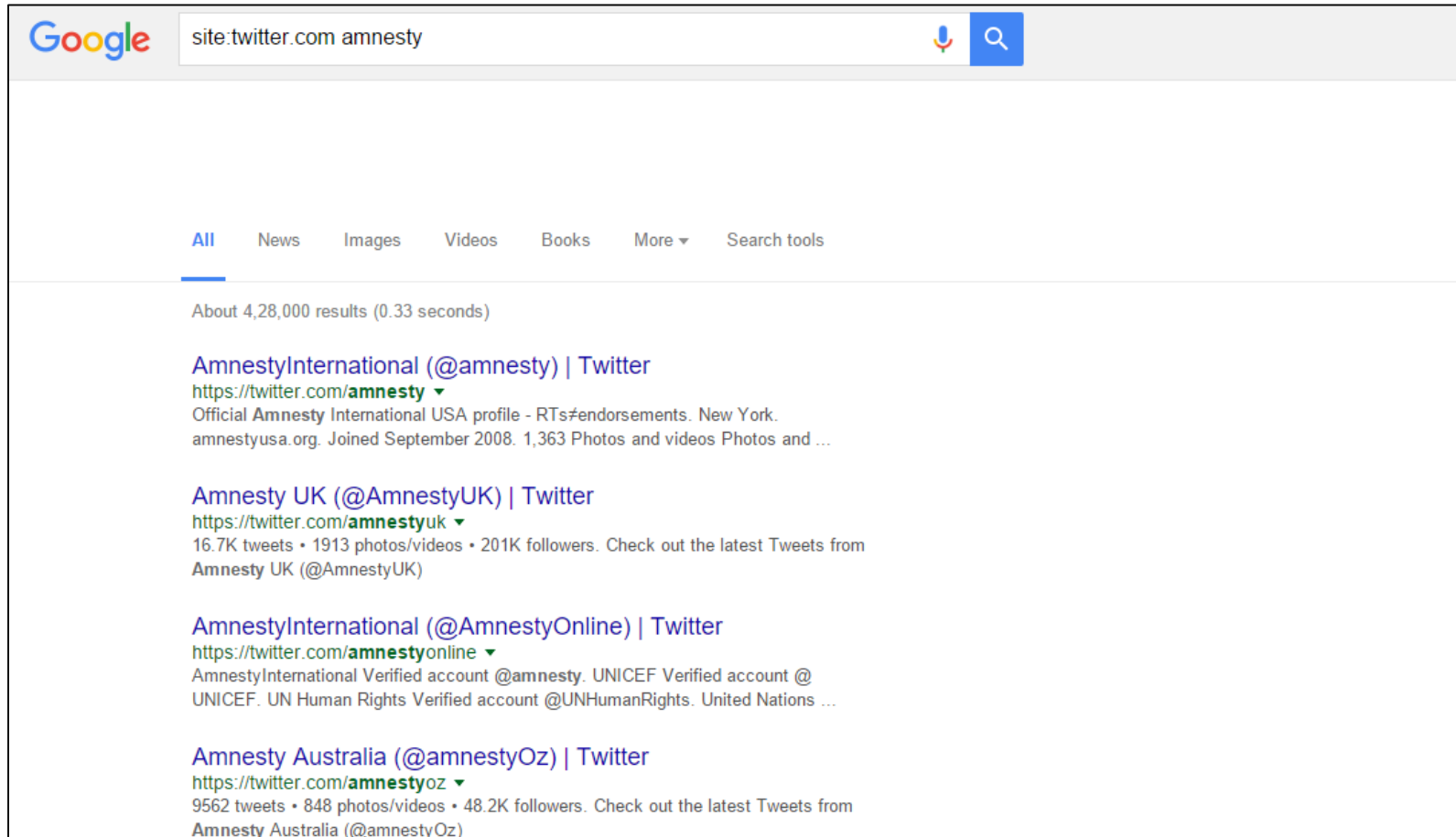
Operator	Description
@	Twitter accounts
\$	price
#	Hash tags

# Special Operators

Operator
Inurl:
Intext:
Intitle:
Filetype:
Site:
Related:
Link:
Movie:
Cache:

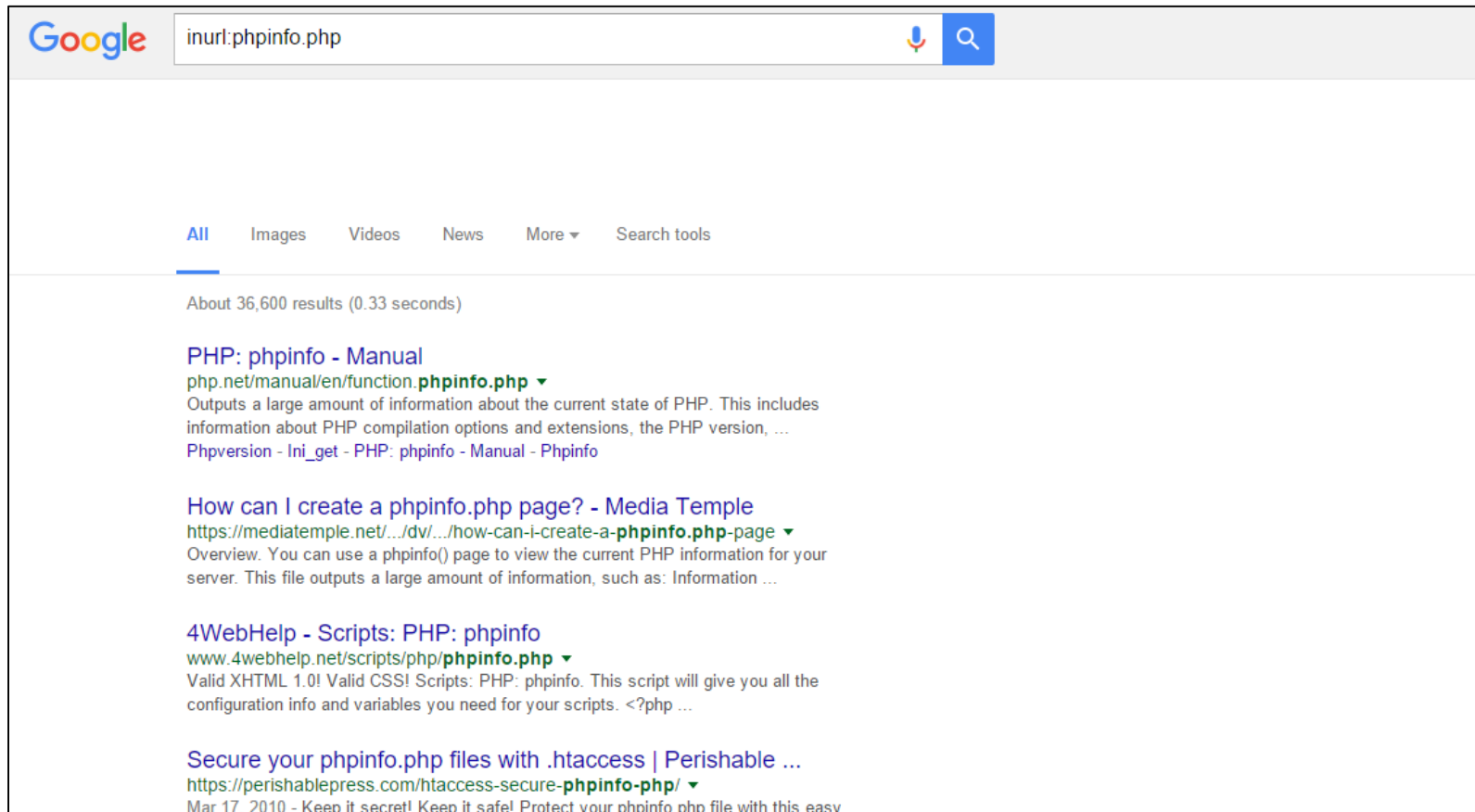
# Site: Operator

For filtering result to a particular domain.



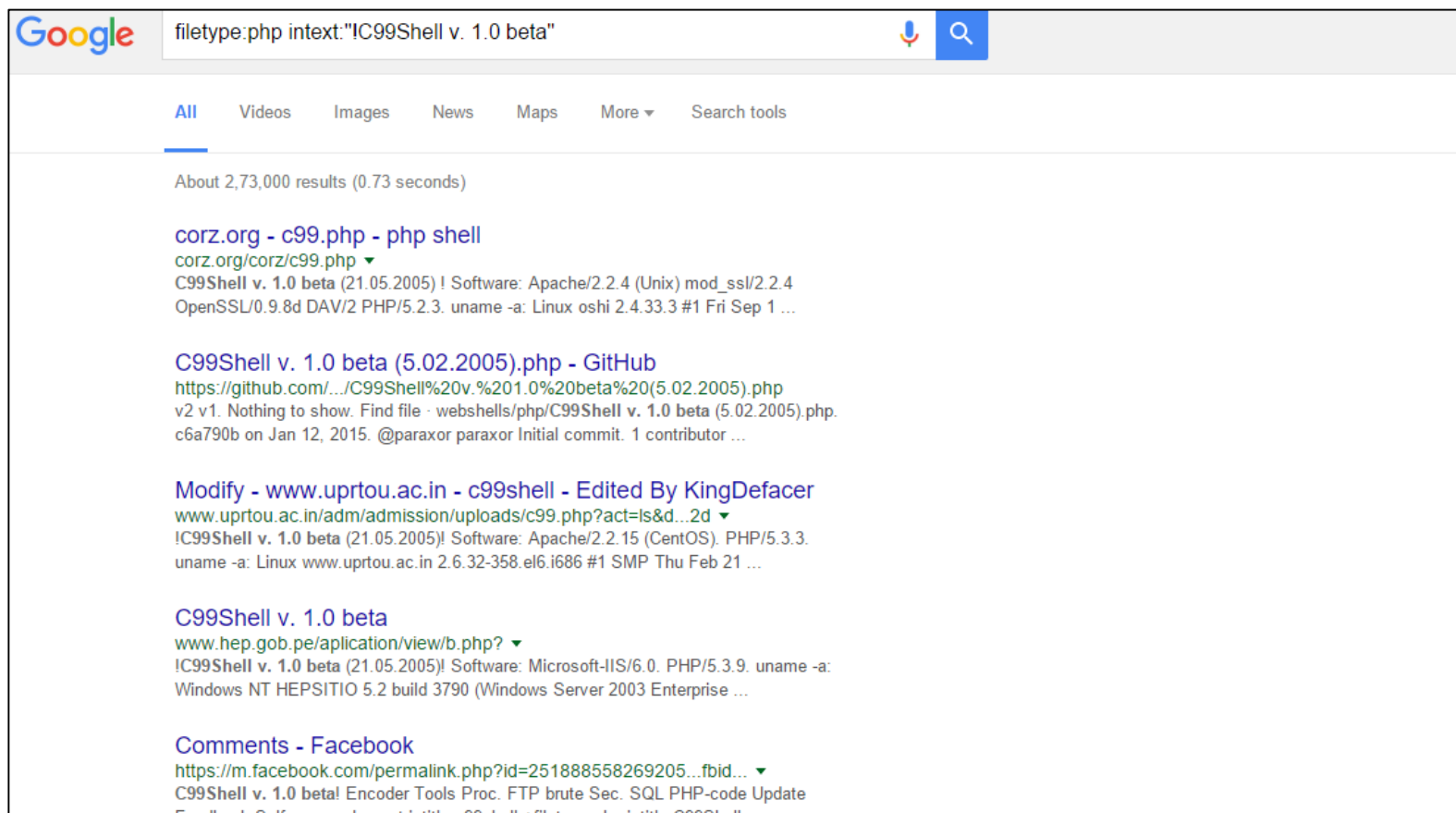
# inurl: Operator

For filtering result to matching URL.



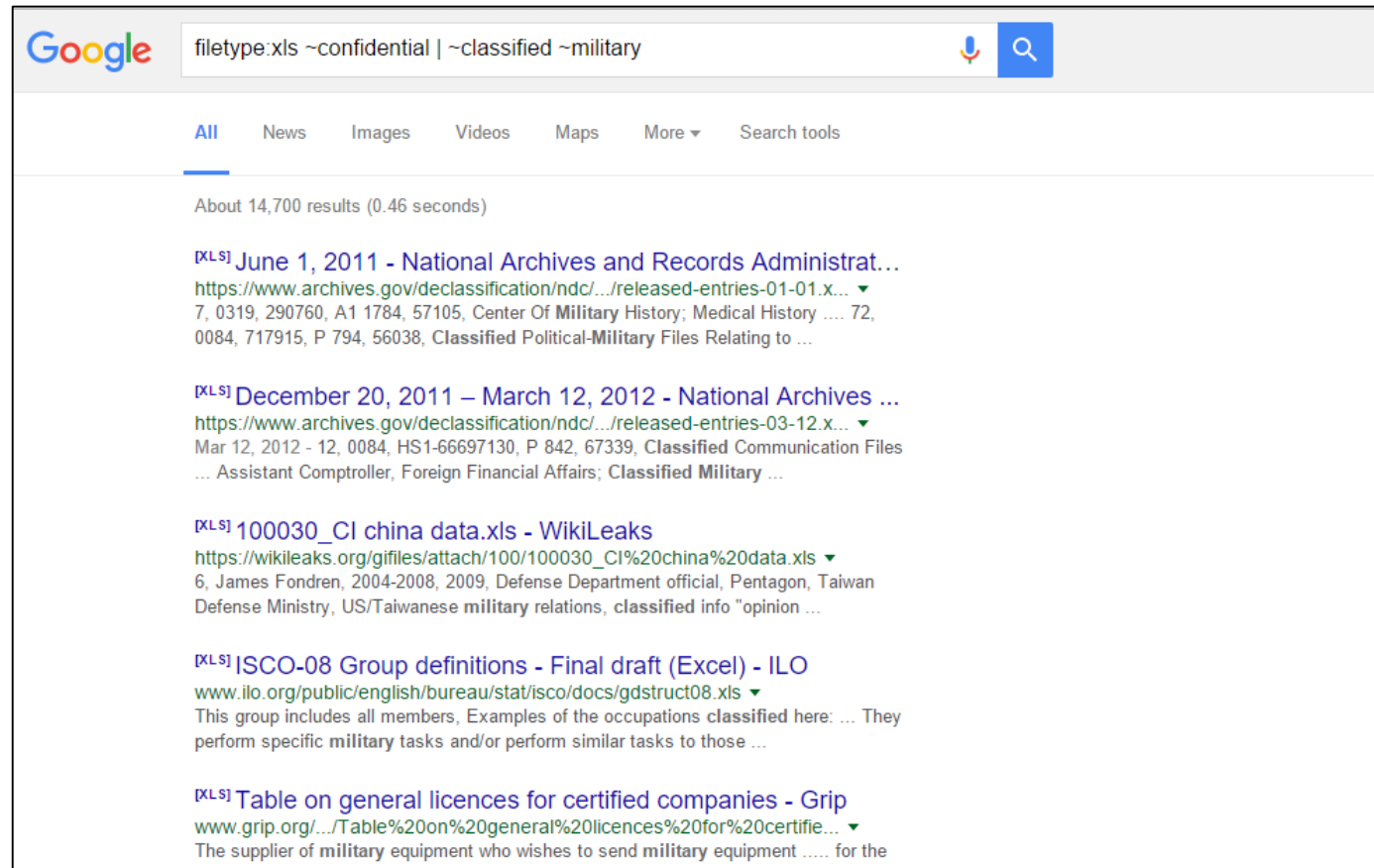
# intext: Operator

For filtering result to matching content.



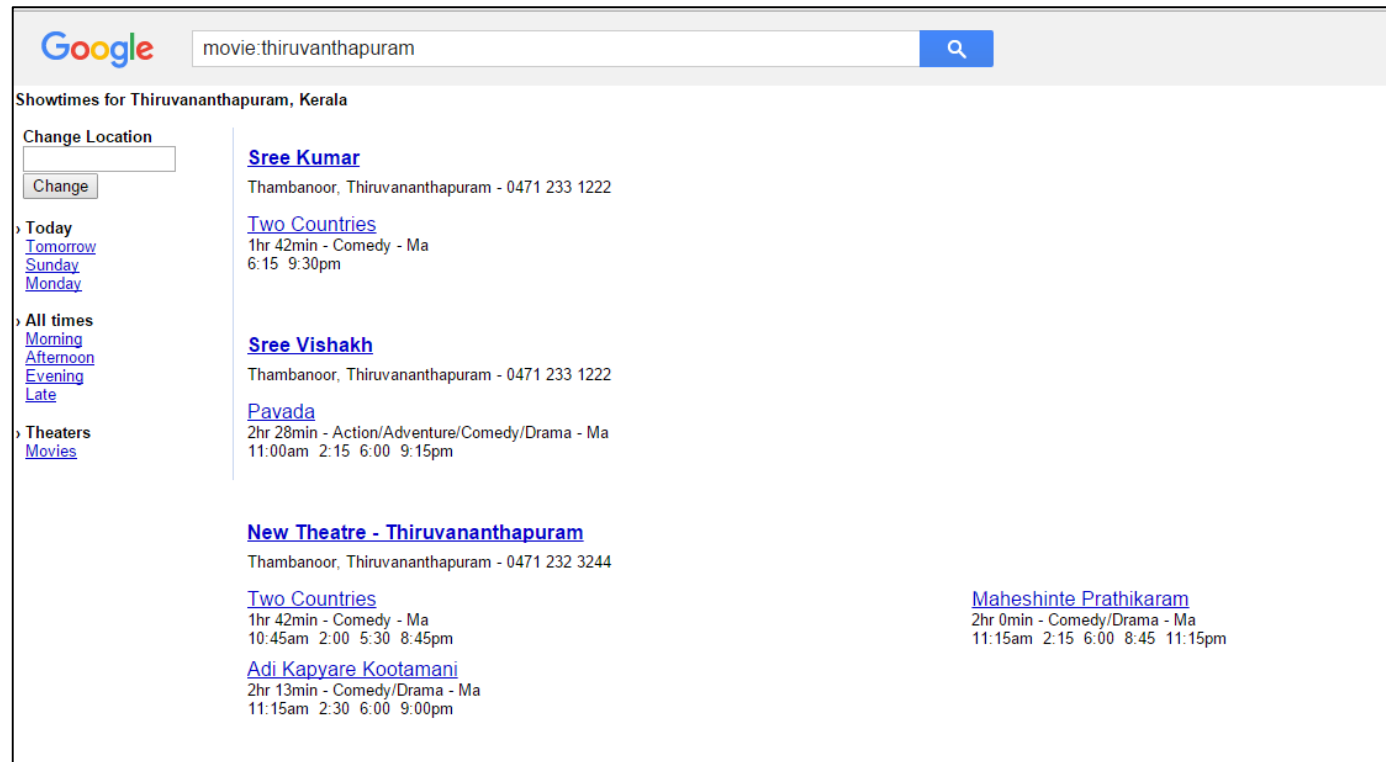
# Filetype: Operator

For filtering result to matching filetype.



# Movie: Operator

Search for movies in a location



The screenshot shows a Google search interface with the query 'movie:thiruvanthapuram'. The results are titled 'Showtimes for Thiruvananthapuram, Kerala'. On the left, there are filters for 'Change Location', 'Today', 'Tomorrow', 'Sunday', 'Monday', 'All times', 'Morning', 'Afternoon', 'Evening', 'Late', 'Theaters', and 'Movies'. The main content area lists several movie theaters and their showtimes:

- Sree Kumar**  
Thambanoor, Thiruvananthapuram - 0471 233 1222  
[Two Countries](#)  
1hr 42min - Comedy - Ma  
6:15 9:30pm
- Sree Vishakh**  
Thambanoor, Thiruvananthapuram - 0471 233 1222  
[Pavada](#)  
2hr 28min - Action/Adventure/Comedy/Drama - Ma  
11:00am 2:15 6:00 9:15pm
- New Theatre - Thiruvananthapuram**  
Thambanoor, Thiruvananthapuram - 0471 232 3244  
[Two Countries](#)  
1hr 42min - Comedy - Ma  
10:45am 2:00 5:30 8:45pm  
[Adi Kapyare Kootamani](#)  
2hr 13min - Comedy/Drama - Ma  
11:15am 2:30 6:00 9:00pm
- Mareshinte Prathikaram**  
2hr 0min - Comedy/Drama - Ma  
11:15am 2:15 6:00 8:45 11:15pm

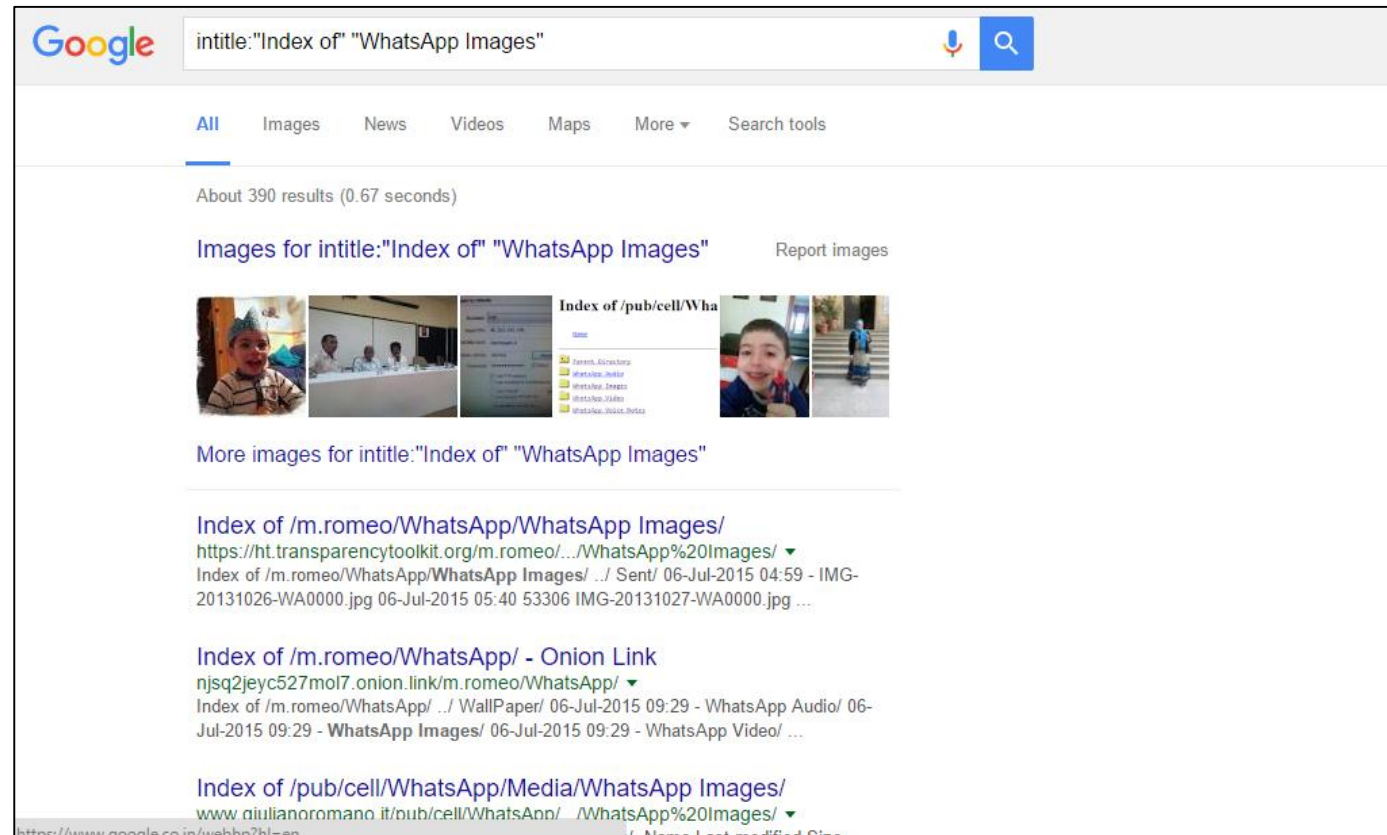
# Are you serious??





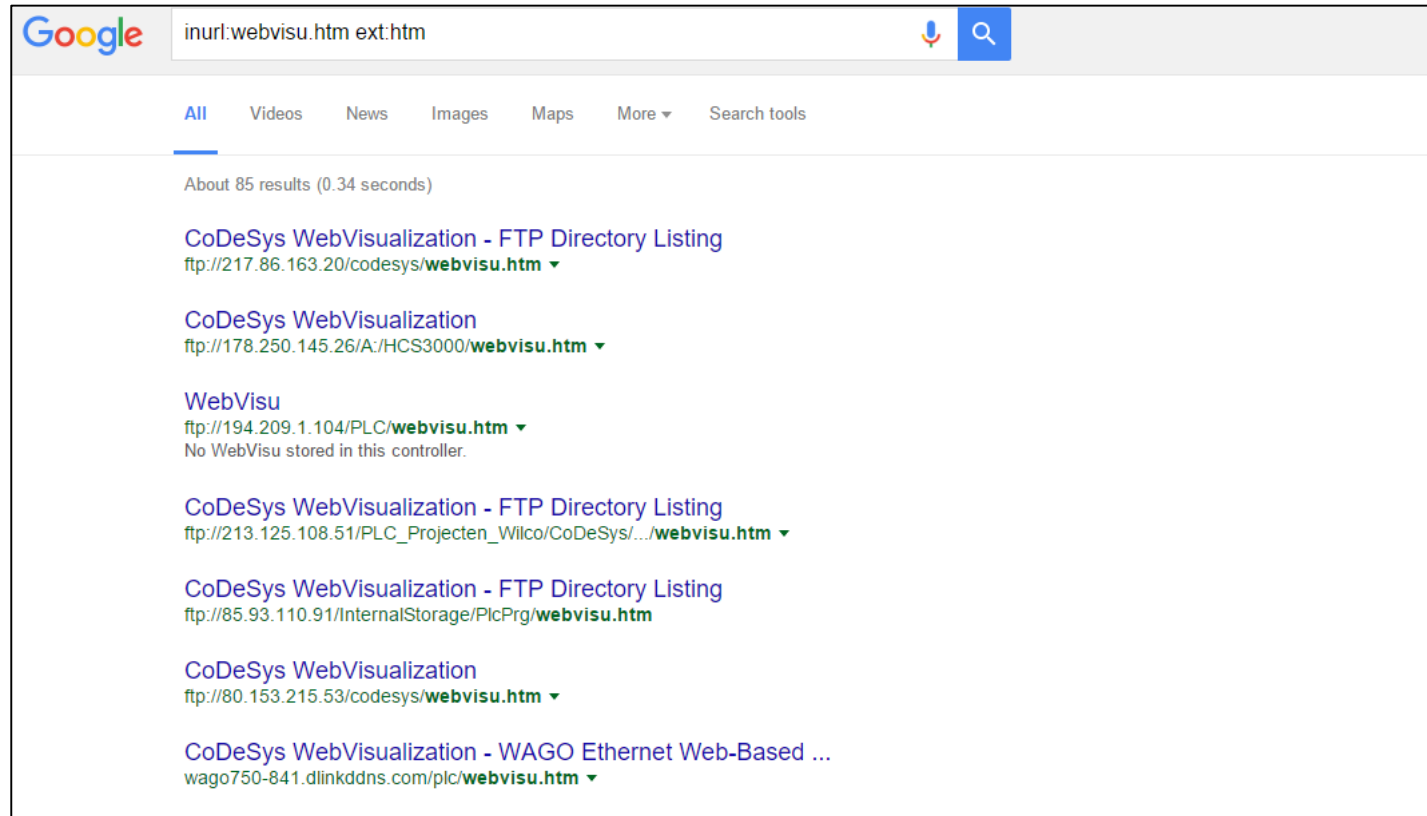
# Whatsapp Images

intitle:"Index of" "WhatsApp Images"



# SCADA!!

inurl:webvisu.htm ext:htm



# SCADA!!

inurl:dyn\_sensors.htm

The screenshot shows a Google search results page for the query 'inurl:dyn\_sensors.htm'. The search results list several links, including 'Watchdog 1400 - Sensors', 'RCX - Sensors', 'RAC10 - Sensors', 'WeatherGoose II - Sensors', and 'Newmar SPM - Sensors DynPage'. A preview of a SCADA web interface is overlaid on the right side of the search results.

**GEIST** Mark  
IP Address: 10.0.250.51  
Local Time: Thu, 02/04/16 23:25:02  
RCX™ v3.15.1  
Alarms: 10 Monitored, 6 Triggered, 0 Unlogged

**Sensors**

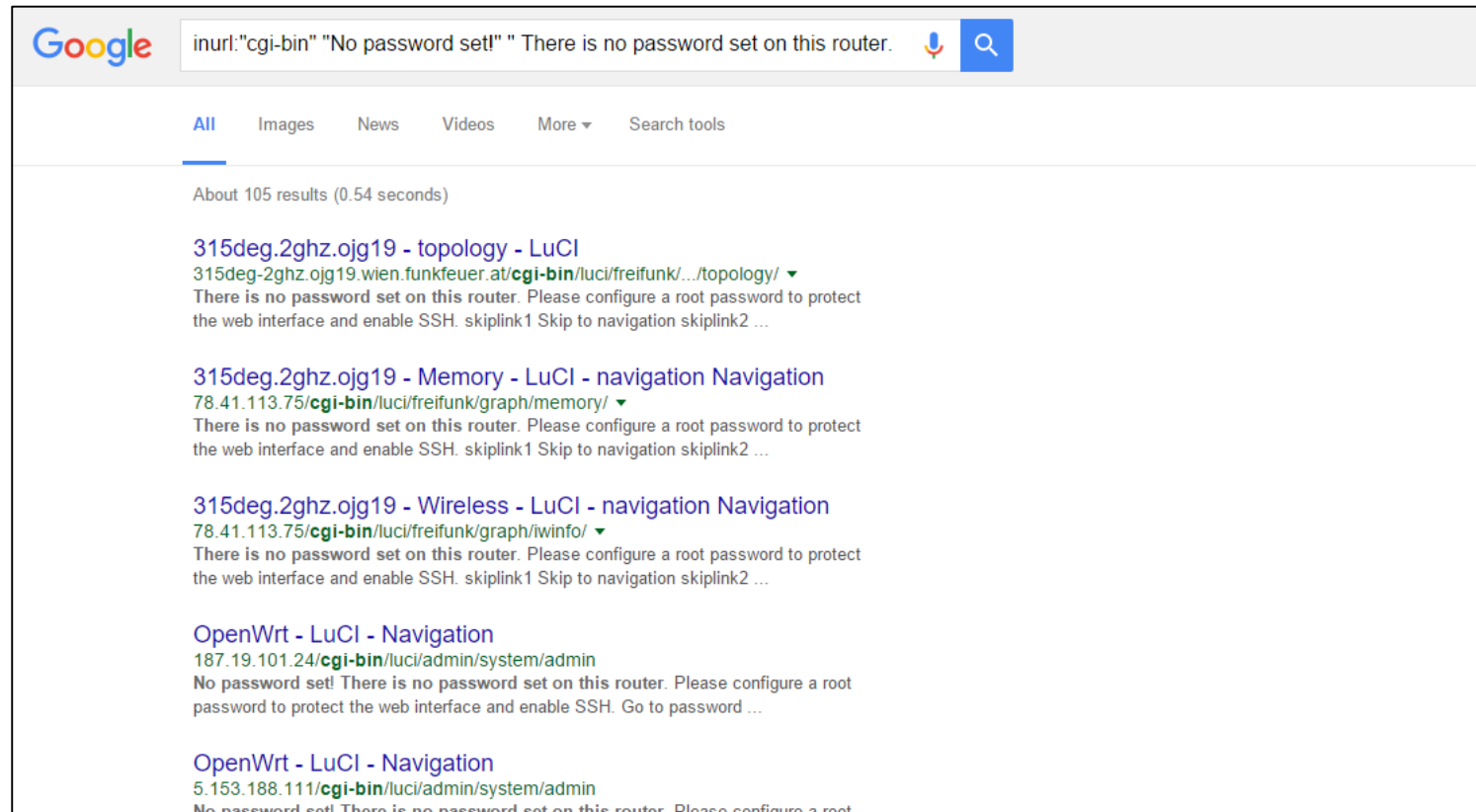
Mark	ID
Mark	ID 01508F90412000004
kWh-Hours	47.01 kWh
Volts	118.00 V <sub>RMS</sub>
Volts (Peak)	118.00 V <sub>Peak</sub>
Amps	0.77 A <sub>RMS</sub>
Amps (Peak)	0.70 A <sub>Peak</sub>
Real Power	60.00 Watts
Apparent Power	90.8 Volt-Amps
Power Factor	74.8 %

[Graph](#)

Mark	ID
Mark	ID 16000000/A3B0112
Temperature (F)	66.33 °F
Air Flow	/ 20: Still - 100: Rushing
Relative Humidity	29 %
Dew Point (F)	33.09 °F

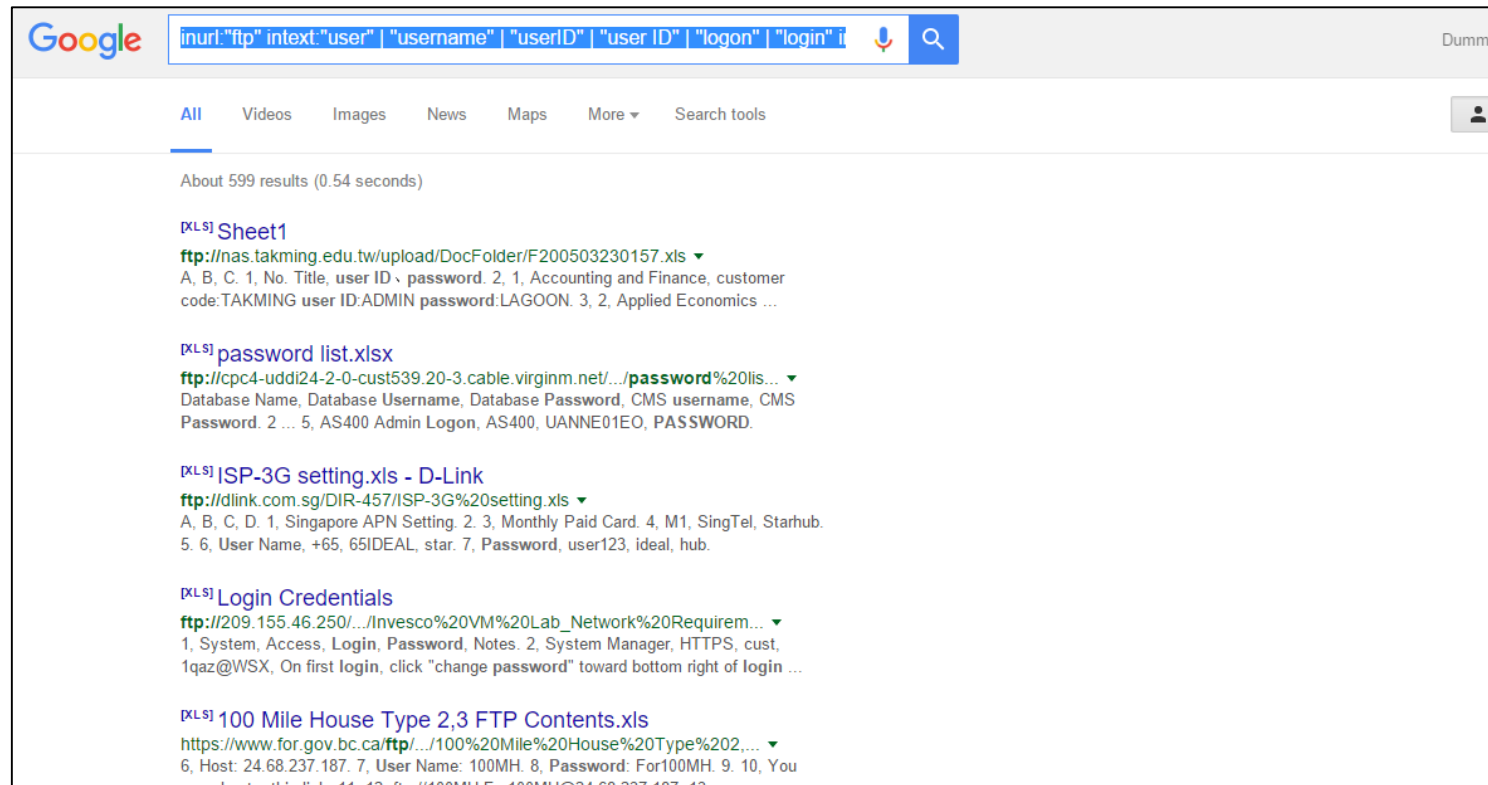
# Password Less Router!!

inurl:"cgi-bin" "No password set!" " There is no password set on this router."



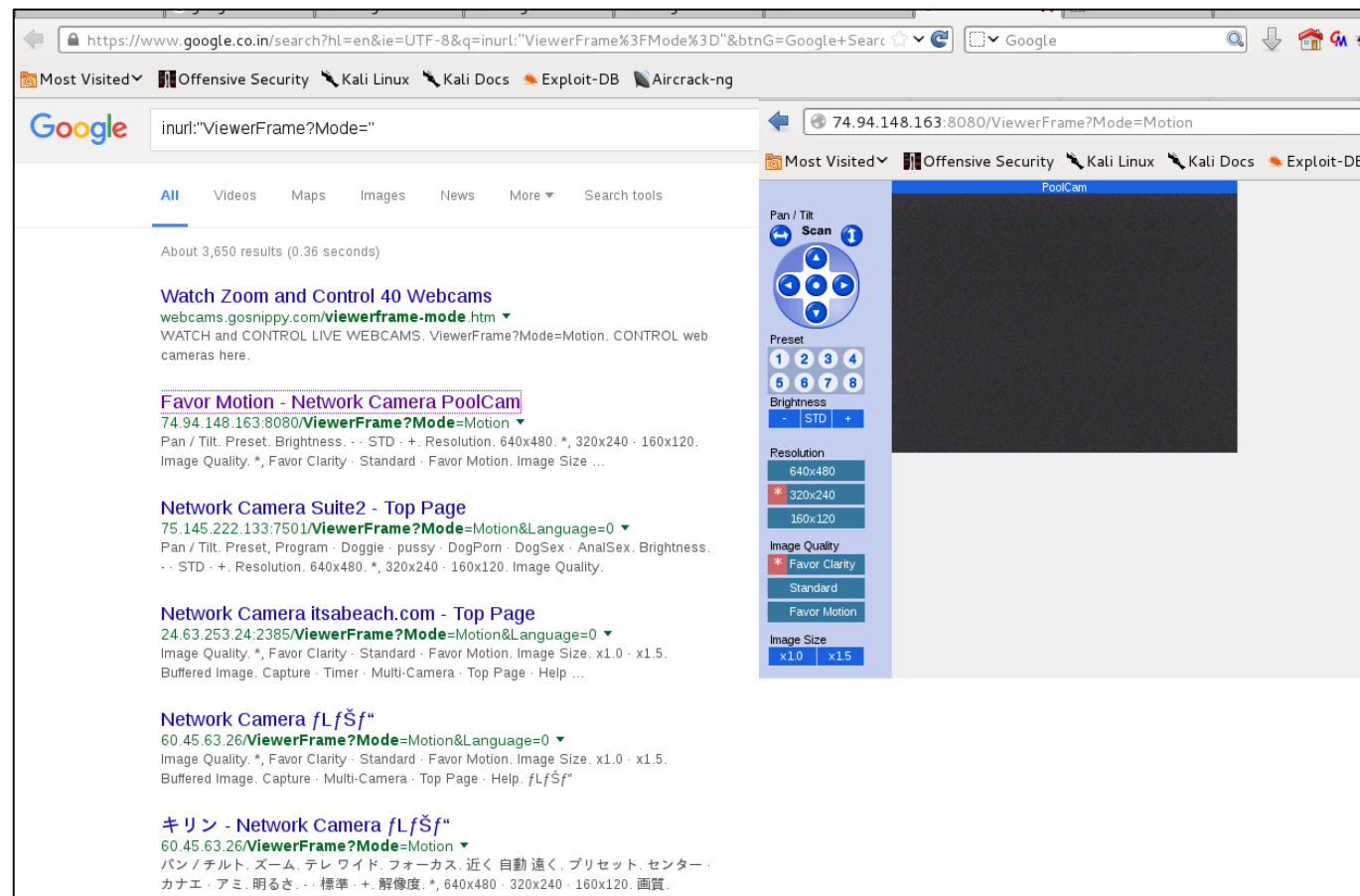
# Passwords

inurl:"ftp" intext:"user" | "username" | "userID" | "user ID" | "logon" | "login"  
intext:"password" | "passcode" filetype:xls | filetype:xlsx



# IP Cameras

Inurl:"ViewerFrame?Mode="



# Network monitoring

## "IP Sentry - Device Statistics Information"

The screenshot shows a Google search results page for the query "IP Sentry - Device Statistics Information". The search bar at the top contains the query, and the results are displayed below. The first result is from the University of Waterloo, titled "IP Sentry - Device Statistics Information - University of ...". The second result is from Web Spinners, titled "IP Sentry - Device Statistics Information - Web Spinners@, ...". The third result is from www3.nd.edu, titled "IP Sentry - Device Statistics Information ...". The fourth result is from 128.230.72.124/~dkirk/private/phystatus.html, titled "Network Status ...". The fifth result is from monitor.ancara.net, titled "IP Sentry - Device Statistics Information ...".

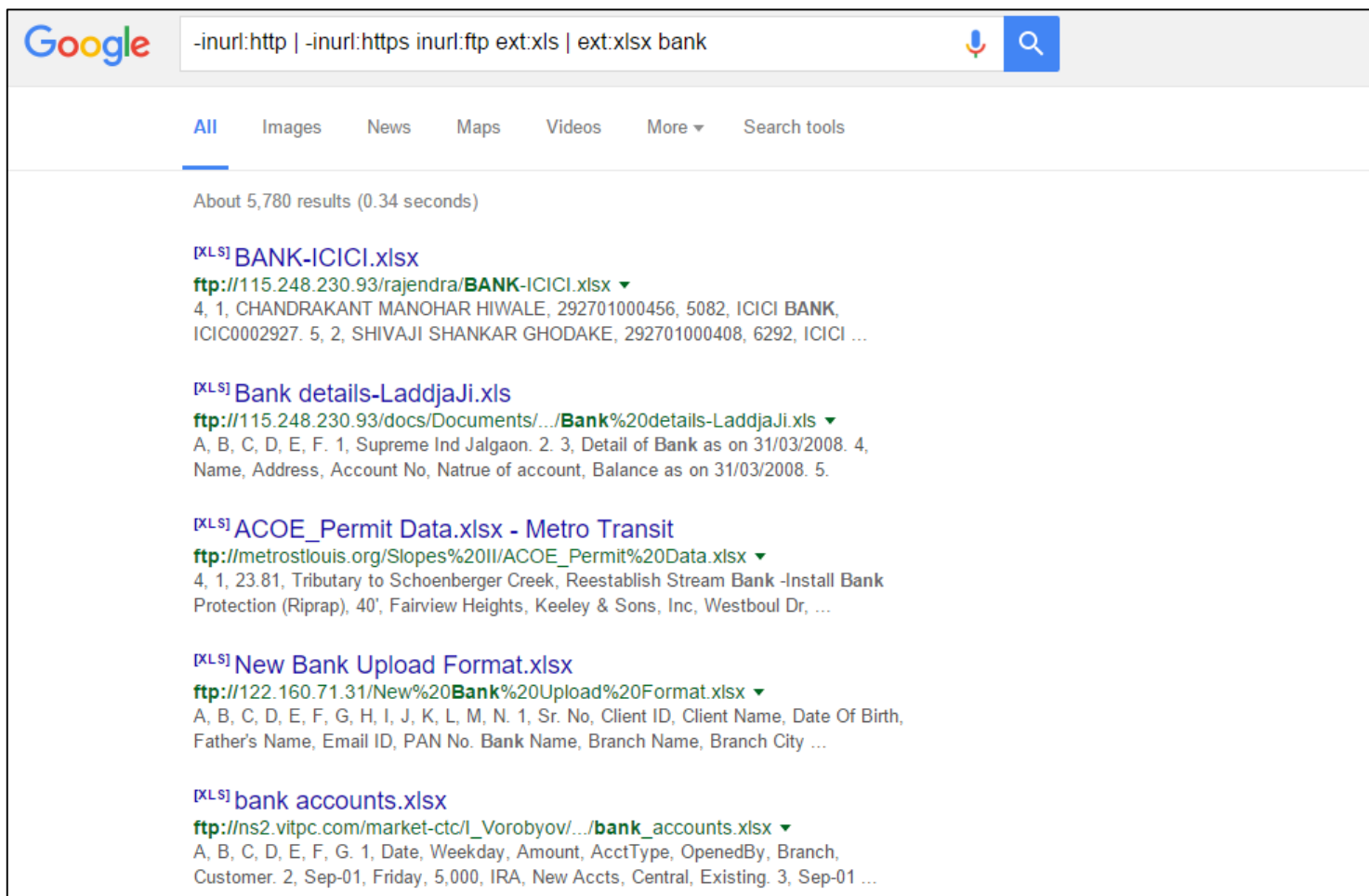
Search results for "IP Sentry - Device Statistics Information":

- IP Sentry - Device Statistics Information - University of ...**  
www.lib.uwaterloo.ca/staff/systems/ipsentrystats.htm  
IP Sentry: Device Statistics Information (As of Monday, October 3, 2005 12:59:06 [an error occurred while processing this directive] [an error occurred while ...])
- IP Sentry - Device Statistics Information - Web Spinners@, ...**  
webspinners.net/ServerStats.htm  
Stat, Type, Name/Desc, Last Action, Up-Time Attempt:Fail, UP, Network, ASR [www.spkinney.com:http] Web Server RT: 63ms ...
- IP Sentry - Device Statistics Information**  
www3.nd.edu/~cluscons/ping\_list.htm  
Stat, Type, Name/Desc, Last Action, Up-Time Attempt:Fail, DOWN, Network, arch022-09.cc.nd.edu [arch022-09.cc.nd.edu:ICMP-Ping] arch022-09.cc.nd.edu
- Network Status**  
128.230.72.124/~dkirk/private/phystatus.html  
IP Sentry: Device Statistics Information (As of Tuesday, November 07, 2006 4:14:35 PM) [an error occurred while processing this directive] [an error occurred ...]
- IP Sentry - Device Statistics Information**  
monitor.ancara.net/  
Stat, Type, Name/Desc, Last Action, Up-Time Attempt:Fail, SUSPENDED, Addin, UH PL01 Http UH PL01 Http RT: 297ms ...

Host	Type	Probe (Status)	Last Action	Up-Time (Status)
128.230.72.124	ICMP	Success	10/3/2005 12:59:06	10/3/2005 12:59:06
128.230.72.124	ICMP	Success	10/3/2005 12:59:06	10/3/2005 12:59:06
128.230.72.124	ICMP	Success	10/3/2005 12:59:06	10/3/2005 12:59:06
128.230.72.124	ICMP	Success	10/3/2005 12:59:06	10/3/2005 12:59:06
128.230.72.124	ICMP	Success	10/3/2005 12:59:06	10/3/2005 12:59:06
128.230.72.124	ICMP	Success	10/3/2005 12:59:06	10/3/2005 12:59:06
128.230.72.124	ICMP	Success	10/3/2005 12:59:06	10/3/2005 12:59:06
128.230.72.124	ICMP	Success	10/3/2005 12:59:06	10/3/2005 12:59:06
128.230.72.124	ICMP	Success	10/3/2005 12:59:06	10/3/2005 12:59:06
128.230.72.124	ICMP	Success	10/3/2005 12:59:06	10/3/2005 12:59:06

# Banking details

-inurl:http | -inurl:https inurl:ftp ext:xls | ext:xlsx bank



Google -inurl:http | -inurl:https inurl:ftp ext:xls | ext:xlsx bank

All Images News Maps Videos More Search tools

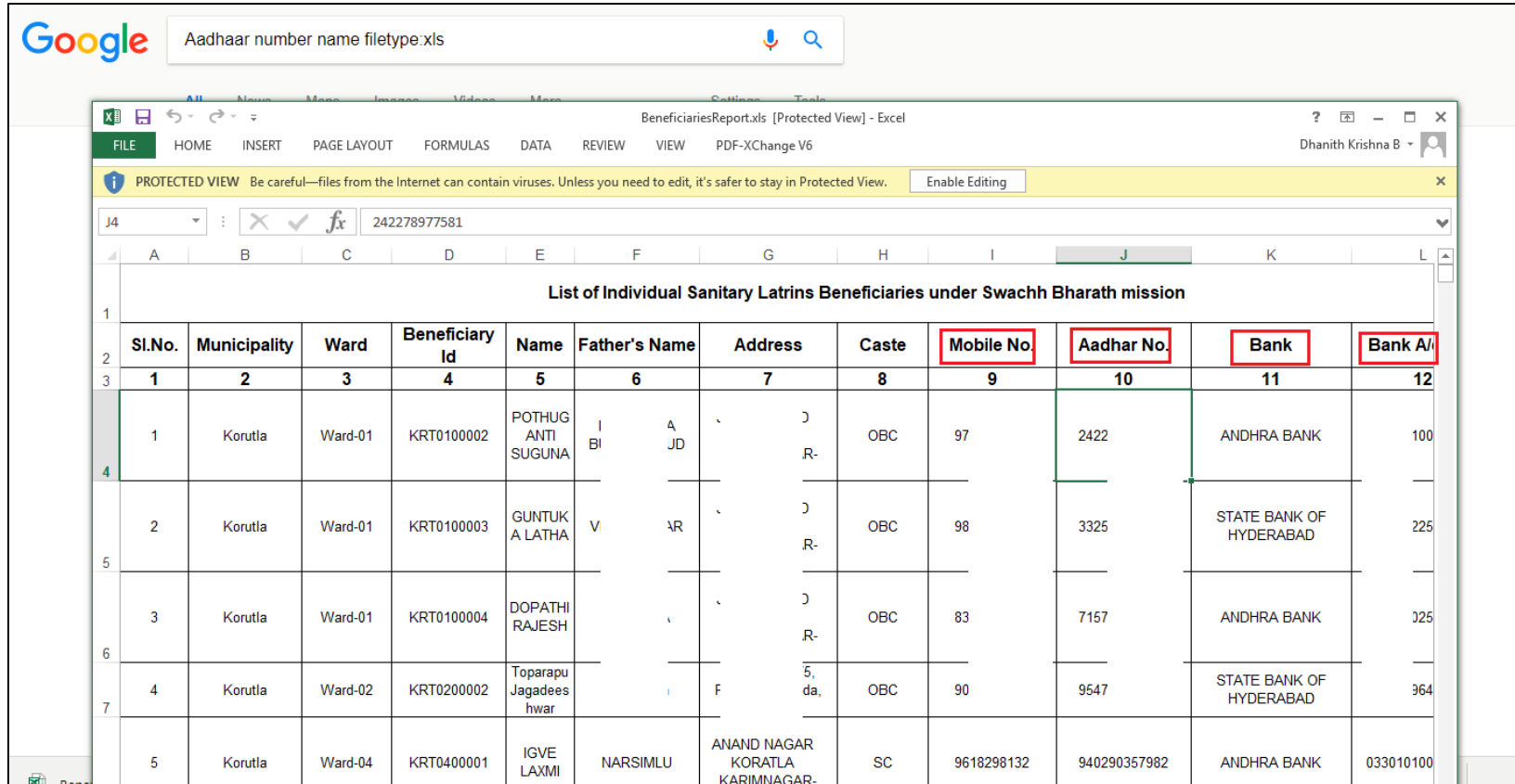
About 5,780 results (0.34 seconds)

- [XLS] BANK-ICICI.xlsx**  
**ftp://115.248.230.93/rajendra/BANK-ICICI.xlsx** ▼  
4, 1, CHANDRAKANT MANOHAR HIWALE, 292701000456, 5082, ICICI BANK, ICIC0002927. 5, 2, SHIVAJI SHANKAR GHODAKE, 292701000408, 6292, ICICI ...
- [XLS] Bank details-LaddjaJi.xls**  
**ftp://115.248.230.93/docs/Documents/.../Bank%20details-LaddjaJi.xls** ▼  
A, B, C, D, E, F. 1, Supreme Ind Jalgaon. 2. 3, Detail of Bank as on 31/03/2008. 4, Name, Address, Account No, Natrue of account, Balance as on 31/03/2008. 5.
- [XLS] ACOE\_Permit Data.xlsx - Metro Transit**  
**ftp://metroslouis.org/Slopes%20II/ACOE\_Permit%20Data.xlsx** ▼  
4, 1, 23.81, Tributary to Schoenberger Creek, Reestablish Stream Bank -Install Bank Protection (Riprap), 40', Fairview Heights, Keeley & Sons, Inc, Westboul Dr, ...
- [XLS] New Bank Upload Format.xlsx**  
**ftp://122.160.71.31/New%20Bank%20Upload%20Format.xlsx** ▼  
A, B, C, D, E, F, G, H, I, J, K, L, M, N. 1, Sr. No, Client ID, Client Name, Date Of Birth, Father's Name, Email ID, PAN No. Bank Name, Branch Name, Branch City ...
- [XLS] bank accounts.xlsx**  
**ftp://ns2.vitpc.com/market-ctc/I\_Vorobyov/.../bank\_accounts.xlsx** ▼  
A, B, C, D, E, F, G. 1, Date, Weekday, Amount, AcctType, OpenedBy, Branch, Customer. 2, Sep-01, Friday, 5,000, IRA, New Accts, Central, Existing. 3, Sep-01 ...



# Aadhar :/

Aadhaar number name filetype:xls



Google search results for "Aadhaar number name filetype:xls".

Excel spreadsheet titled "BeneficiariesReport.xls [Protected View] - Excel". The spreadsheet displays a table of beneficiaries for the Swachh Bharath mission.

Table Headers:

Sl.No.	Municipality	Ward	Beneficiary Id	Name	Father's Name	Address	Caste	Mobile No.	Aadhar No.	Bank	Bank A/c
--------	--------------	------	----------------	------	---------------	---------	-------	------------	------------	------	----------

Table Data:

1	Korutla	Ward-01	KRT0100002	POTHUG ANTI SUGUNA	I BI A JD	5, da, R-	OBC	97	2422	ANDHRA BANK	100
2	Korutla	Ward-01	KRT0100003	GUNTUK A LATHA	V R	5, da, R-	OBC	98	3325	STATE BANK OF HYDERABAD	225
3	Korutla	Ward-01	KRT0100004	DOPATHI RAJESH		5, da, R-	OBC	83	7157	ANDHRA BANK	325
4	Korutla	Ward-02	KRT0200002	Toparapu Jagadees hwar		5, da, R-	OBC	90	9547	STATE BANK OF HYDERABAD	364
5	Korutla	Ward-04	KRT0400001	IGVE LAXMI	NARSIMLU	ANAND NAGAR KORATLA KARIMNAGAR	SC	9618298132	940290357982	ANDHRA BANK	033010100

# Where to find dorks?

- <https://www.exploit-db.com/google-hacking-database/>
- Athena
- Gooscan
- SiteDigger

# IOT Search Engine



The screenshot shows the Shodan website homepage. At the top, there is a navigation bar with links for 'Scanhub', 'Maps', 'Blog', and 'Membership', and a 'Register' link on the right. Below this is a search bar with the Shodan logo and a 'Search' button. The main content area features a large world map with red dots indicating device locations. To the left of the map, the text reads 'EXPOSE ONLINE DEVICES.' followed by a list of device types: 'WEBCAMS. ROUTERS. POWER PLANTS. IPHONES. WIND TURBINES. REFRIGERATORS. VOIP PHONES.' Below this text are two buttons: 'TAKE A TOUR' (red) and 'FREE SIGN UP' (green). At the bottom of the main content area, there is a line of text: 'Popular Search Queries: iOmega NAS Devices (no passwords) - A bunch of external hard drives without passwords attached to the interbuttz'. Below the main content area are three white boxes with icons and text. The first box has a gear icon and is titled 'DEVELOPER API', with the text 'Find out how to access the Shodan database with Python, Perl or Ruby.' The second box has a lifebuoy icon and is titled 'LEARN MORE', with the text 'Get more out of your searches and find the information you need.' The third box has a blue bird icon and is titled 'FOLLOW ME', with the text 'Contact me and stay up to date with the latest features of Shodan.'

Scanhub Maps Blog Membership Register

SHODAN

Search

**EXPOSE ONLINE DEVICES.**

WEBCAMS. ROUTERS.  
POWER PLANTS. IPHONES. WIND TURBINES.  
REFRIGERATORS. VOIP PHONES.

**TAKE A TOUR** **FREE SIGN UP**

Popular Search Queries: iOmega NAS Devices (no passwords) - A bunch of external hard drives without passwords attached to the interbuttz

 **DEVELOPER API**  
Find out how to access the Shodan database with Python, Perl or Ruby.

 **LEARN MORE**  
Get more out of your searches and find the information you need.

 **FOLLOW ME**  
Contact me and stay up to date with the latest features of Shodan.

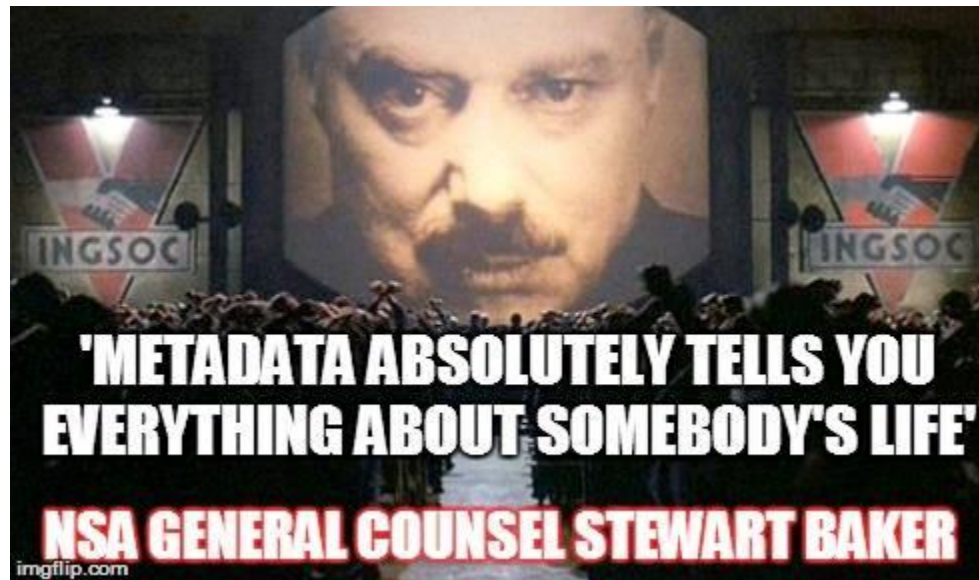
# IOT Search Engine

The screenshot displays the Censys IOT Search Engine interface. The browser address bar shows the URL `https://censys.io/ipv4?q=tags%3A+heartbleed`. The Censys logo is in the top left, and navigation links (About, Search, Reports, SQL, API, Raw Data) are in the top right. A search bar contains the query `tags: heartbleed` with a 'Search' button. Below the search bar, tabs for 'IPv4 Hosts', 'Top Million Websites', 'Certificates', 'Tools', and 'Help' are visible. The 'IPv4 Hosts' tab is active. On the right, a status bar indicates 'Page: 1/8,861', 'Results: 221,501', and 'Time: 408ms'. The main content area lists four search results, each showing an IP address, an ASN, a location, a port, and the search query. The results are:

- IP: [redacted] 192  
ASN: ASN-TELSTRA - Telstra Pty Ltd, AU (1221) | Location: Australia  
Port: 443/https  
Query: tags: heartbleed
- IP: [redacted] 30 [redacted] net  
ASN: MEGHBELA-IN - MEGHBELA BROADBAND, IN (45804) | Location: India  
Port: 443/https  
Query: tags: heartbleed
- IP: [redacted] 51 [redacted] net  
ASN: PROXAD - Free SAS, FR (12322) | Location: France  
Port: 443/https  
Query: tags: heartbleed
- IP: [redacted] 46 [redacted] pl  
ASN: TPNET - Orange Polska Spolka Akcyjna, ... (5617) | Location: Poland  
Port: 443/https  
Query: tags: heartbleed

# Metadata

- Metadata is data describing data inside files
- Metadata information reveals lots of juicy info



# Metadata

**Test Project - FOCA Free 3.2**

Project Tools Options TaskList About Donate

**Test Project**

- Network
  - Clients (1)
  - Servers (0)
  - Unlocated Servers
- Domains
- Roles
- Vulnerabilities
- Metadata
  - Documents (1/140)
    - .pptx (1)
  - Metadata Summary
    - Users (2)**
    - Folders (0)
    - Printers (0)
    - Software (2)
    - Emails (0)
    - Operating Systems (0)
    - Passwords (0)
    - Servers (0)

**Attribute** | **Value**

**All users found (2) - Times found**

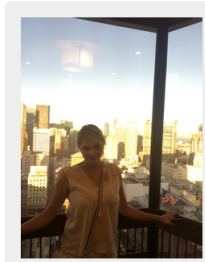
Joey Muniz	1
Aamir Lakhani	1

Time	Source	Severity	Message
1:11:34 ...	MetadataSearch	low	Downloaded document: http://www.wwt.com/markets/documents/WWTTG500CiscoTelepresence_...
1:12:02 ...	MetadataSearch	low	Downloaded document: http://www.wwt.com/external_content/downloads/CashmanEquipmentSuc...
1:12:31 ...	MetadataSearch	low	Downloaded document: http://www.wwt.com/news_events/documents/WWT_WirelessMobilityinHC...
1:13:00 ...	MetadataSearch	low	Downloaded document: http://www.wwt.com/news_events/documents/stlbj_9_0_05.pdf
1:13:43 ...	MetadataSearch	low	Downloaded document: http://www.wwt.com/external_content/downloads/CSMars_Data_Sheet.pdf
1:13:58 ...	MetadataSearch	low	Downloaded document: http://www.wwt.com/news_events/documents/WWT_DesktopVirtualizatio...

Conf Deactivate AutoScroll Clear Save log to File

Downloading 65/140

# Metadata



<b>Make</b>	Apple
<b>Model</b>	iPhone 5s
<b>Date</b>	2014:05:26 19:24:31
<b>ApertureValue</b>	2.2750071245369052
<b>BrightnessValue</b>	4.261927945472249
<b>ColorSpace</b>	1
<b>ComponentsConfiguration</b>	YCbCr
<b>DateTime</b>	2014:08:17 18:30:16
<b>DateTimeDigitized</b>	2014:05:26 19:24:31
<b>DateTimeOriginal</b>	2014:05:26 19:24:31
<b>ExifIFDPointer</b>	2316
<b>ExifVersion</b>	0221
<b>ExposureMode</b>	0
<b>ExposureProgram</b>	Normal program
<b>ExposureTime</b>	0.012195121951219513
<b>FNumber</b>	2.2
<b>Flash</b>	Flash fired, compulsory flash mode
<b>FlashpixVersion</b>	0100
<b>FocalLength</b>	4.12
<b>FocalLengthIn35mmFilm</b>	30
<b>GPSSAltitude</b>	30.407744874715263
<b>GPSSAltitudeRef</b>	0
<b>GPSTimeStamp</b>	111.54248366013071
<b>GPSTimeStampRef</b>	T
<b>GPSTimeStampRef</b>	5716
<b>GPSTimeStampRef</b>	37,47,16.48
<b>GPSTimeStampRef</b>	N
<b>GPSTimeStampRef</b>	122,24,35.88
<b>GPSTimeStampRef</b>	W
<b>GPSTimeStampRef</b>	2,24,31.24



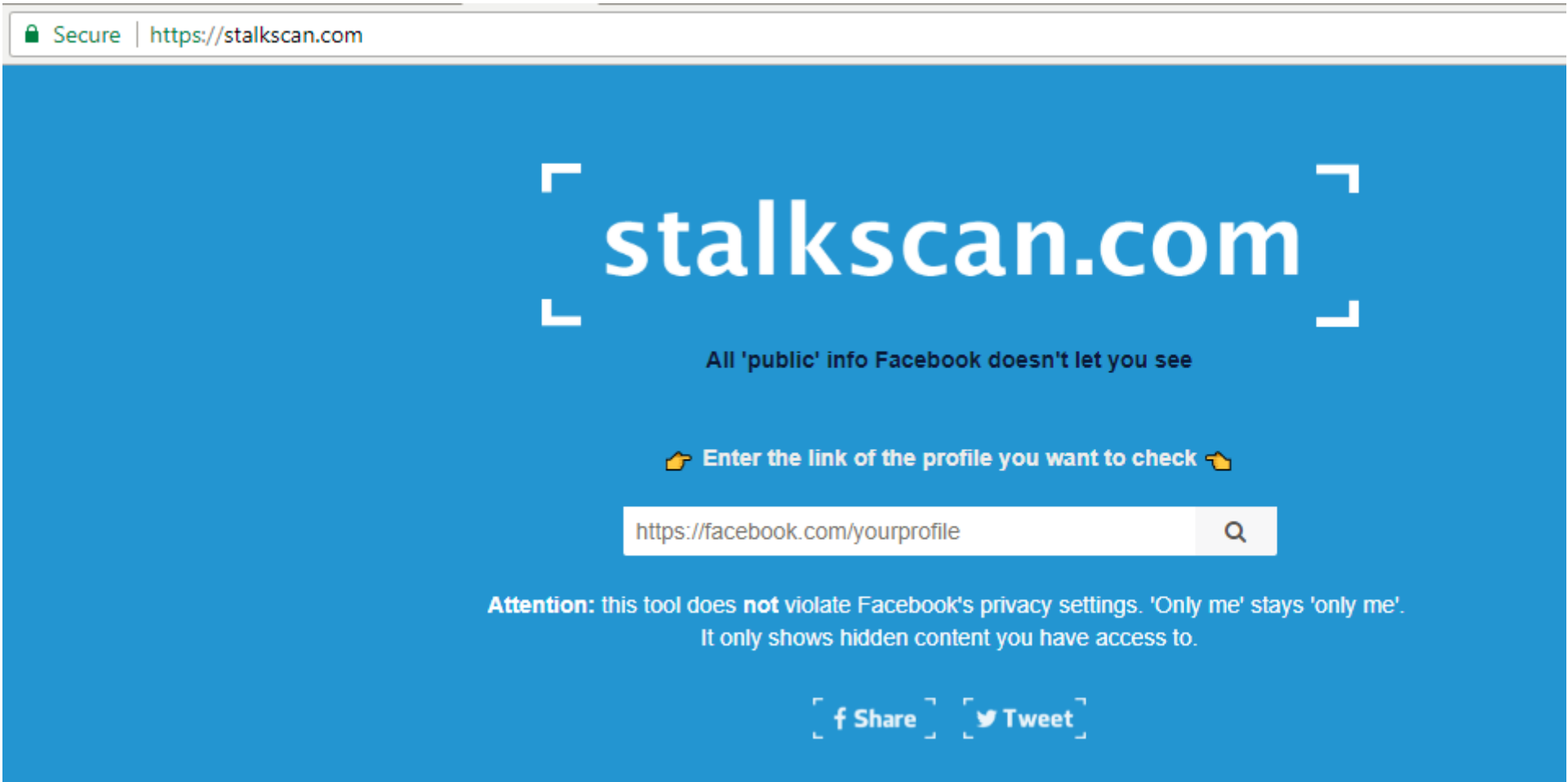
# SOCINT

- Social media is an inevitable part of modern life.
- Most social media websites has insecure default privacy settings.
- Real data exposure is not known to end users.
- Facebook Graph Search.





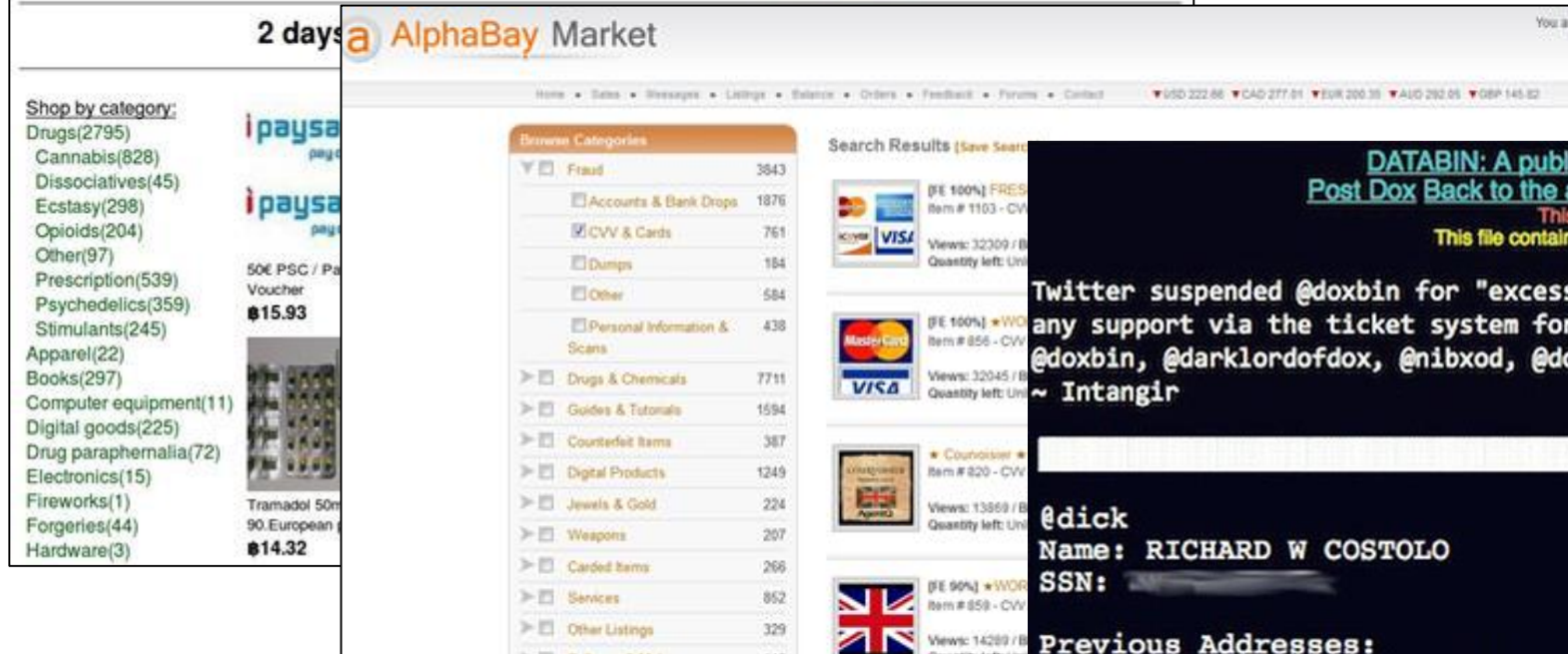
# SOCINT



# Dark and Deep Web INTEL



# Dark and Deep Web INTEL



[DATABIN: A public archive of leaked databases.](#)  
[Post Dox Back to the archive FAQ Proscription List Twitter](#)  
This file contains 4 SSNs.  
This file contains entries from hacked databases.

Twitter suspended @doxbin for "excessive mentions" and then refused to provide any support via the ticket system for the account. This is payback for suspending @doxbin, @darklordofdox, @nibxod, @doxbin\_, and @therealdoxbin, assholes.  
~ Intangir

@dick  
Name: RICHARD W COSTOLO  
SSN: [REDACTED]

Previous Addresses:  
[REDACTED] Chicago, IL 60657  
[REDACTED] Chicago, IL 60614  
[REDACTED] Chicago, IL 60614  
[REDACTED] Chicago, IL 60657  
[REDACTED] Wilmette, IL 60091  
[REDACTED] Wilmette, IL 60091

# Breach Data

- When online businesses or websites are hacked , hackers sometime makes the breached data public
- Available in paste sites, torrent sites, hacker forums and dark web
- Breach data contains clear text passwords
- People tend to reuse passwords



# GOVINT

Government Portals leak a lot of data on us

Google search results for "filetype:xls site:gov.in bank account" showing a link to a file named "noap beneficiaries bank account numbers - Nagaon" (file: nagaon.gov.in/noapdata/Khagorijan\_Dev\_Block.xls).

The search results show the file is titled "Name of Beneficiary, Father/Husband Name, Village, Account No. Name of Bank. 4. 1. Md. Abdul".

The file is an Excel spreadsheet titled "Khagorijan\_Dev\_Block.xls [Compatibility Mode] - Excel". The spreadsheet displays a list of beneficiaries for the National Old Age Pension Scheme, categorized by Dev. Block (Khagorijan) and G.P. (Lawgaon).

Sl. No.	Name of Beneficiary	Father/Husband Name	Village	Account No.	Name of Bank
1	Md. Abdul Barek	Lt. Abdul Gafur	Laogaon	7050	Union Bank, Nagaon
2	Joygun Nessa	Lt. Faijuddin	Laogaon	4832/17	LGB, Nagaon
3	Fuljan Bibi	Lt. Gulam Hussain	Laogaon	12164	Central Bank, Nagaon
4	Kul Banu	Lt. Ainuddin	Rowmari	24952/26/111	Allahabad Bank, Nagaon
5	Abdul Khalek	Lt. Jainuddin	Rowmari	5731/25	UBI, Nagaon
6	Taleb Ali	Lt. Alimamud	Rowmari	247084	PO-Halborgaon
7	Jarina Khatun	Lt. Jahuruddin	Rowmari	247114	PO-Halborgaon
8	Ennas Ali	Lt. Asraf Ali Hoque	Itapara	5842/20	LGB, Nagaon
9	Siraj Ali	Lt. Abdul Hussain	Itapara	4849/17	LGB, Nagaon
10	Shabila Banu	Lt. Munnash Ali	Laogaon	5227/18	LGB, Nagaon
11	Musa Khairon Nessa	Lt. Usman Ali	Laogaon	247081	PO-Halborgaon
12	Nekbar Ali	Lt. Tali Hussain	Rowmari	5627/19	LGB, Nagaon



# Protecting Yourself

- Keep your sensitive data off the web!
- Audit yourself .
- Request for removal of the content online



# Audit Yourself

- Use OSINT tools to perform recon on yourselves
  - <http://osintframework.com/>
  - <https://inteltechniques.com/>
- Check your social media privacy settings



Thank You



Happy Hacking