Government Tech:

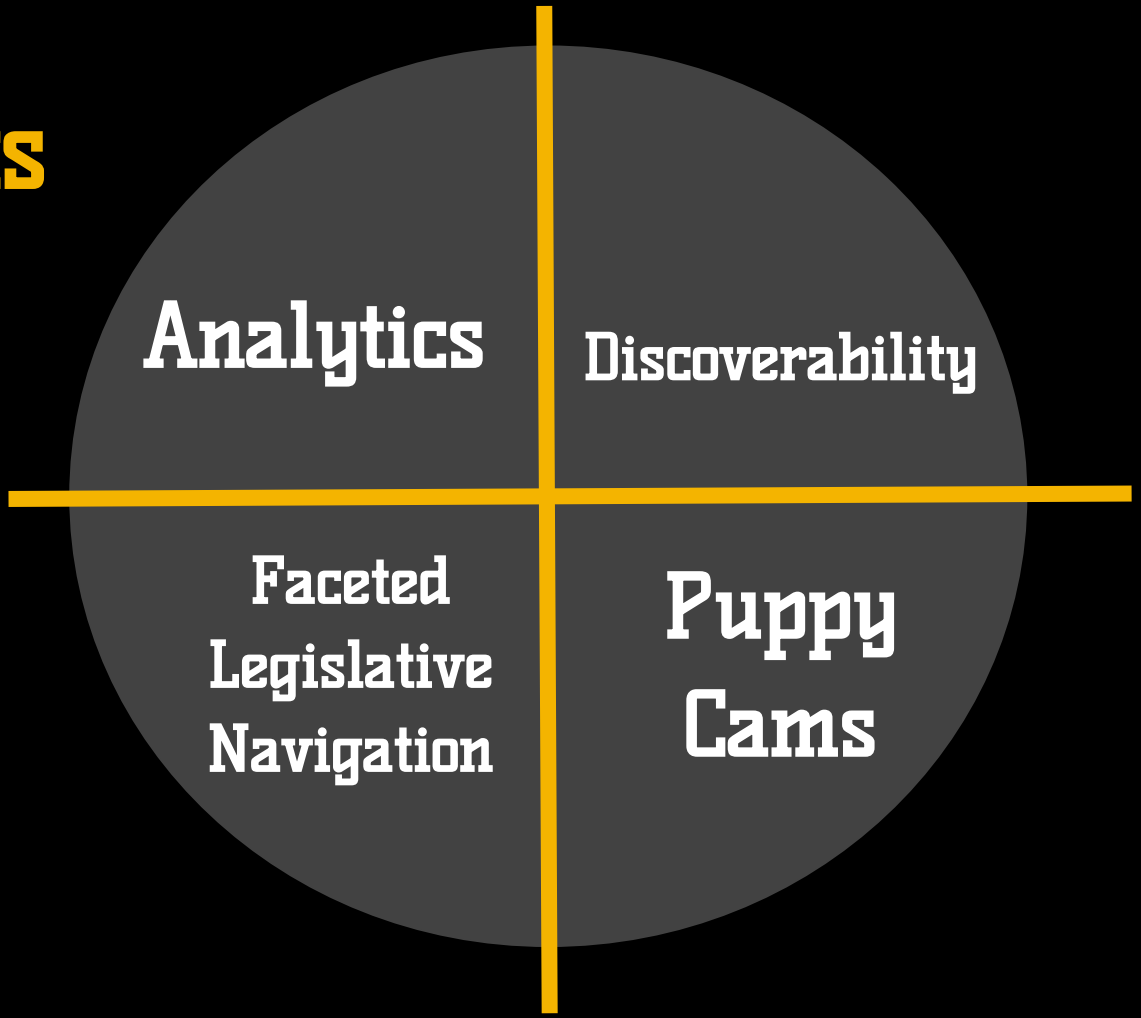
Analytics, Discoverability, Faceted Legislative Navigation, & Puppy Cams

Amy Riegelman

LIBRARIES
UNIVERSITY OF MINNESOTA

z.umn.edu/govtech

Chunks


Analytics
Discoverability
Faceted
Legislative
Navigation
Puppy
Cams

Analytics

Rainbow White House https://www.flickr.com/photos/127744844@N06/19080149740/

sa

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Visitor Locations Right Now

Cities		Countries	
Washington	9.9%	United States	95.1%
New York	4.5%	International	4.9%
Los Angeles	2.2%	Canada	0.9%
Chicago	2.1%	United Kingdom	0.7%
Houston	1.7%	Puerto Rico	0.6%
Nashville	1.4%	Mexico	0.4%
San Francisco	1.3%	India	0.3%
Atlanta	1.2%	(not set)	0.2%
Austin	1.2%	Colombia	0.1%
Indianapolis	0.9%	Germany	0.1%
		Australia	< 0.1%
		Barbados	< 0.1%
		Brazil	< 0.1%
		Kenya	< 0.1%
		Philippines	< 0.1%
		Venezuela	< 0.1%
		Afghanistan	< 0.1%

[Portrait of Bill Har
gov/loc.music/gott

Why would we use this tool?

1. To make informed decisions
2. Support for government created tools
3. Trends and forecasting

By the Numbers

Using Analytics.usa.gov to Learn about Traffic on Government Websites

Amy Riegelman

In March 2015, the Digital Analytics Program of the General Services Administration revealed a new website that showcases traffic to federal government agency websites. The website displays data previously unknown to the general public. This website has many useful features as well as reasons to be cautious and opportunities for government information specialists.

This website features seven categories of web traffic data. The most prominently featured text on Analytics.usa.gov references the number of users currently on government websites. For example, at 10:51 a.m. CT on June 26, 2015, 131,219 people were on government websites. Below this real time web traffic

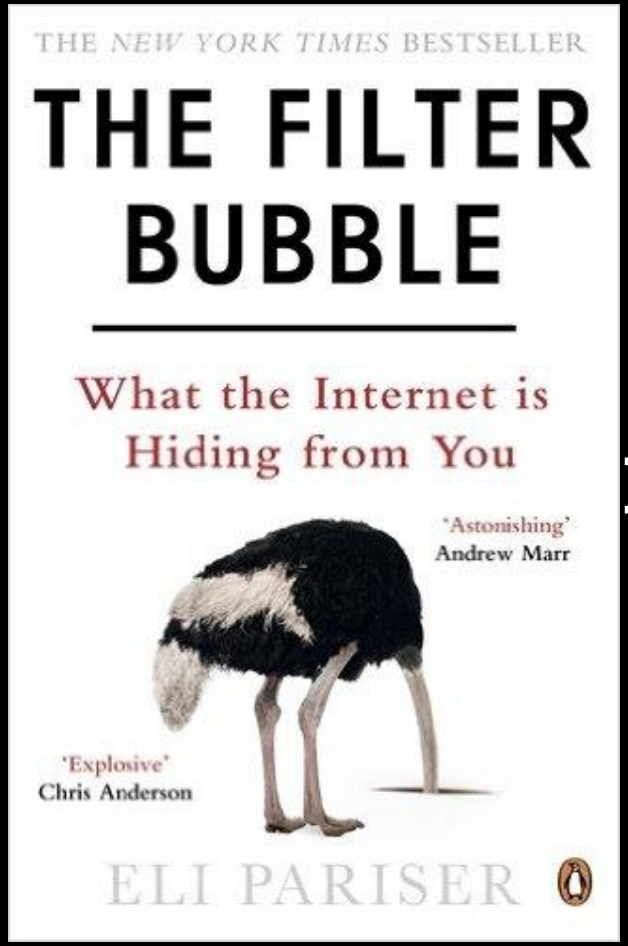
As for browsers, Chrome had the most use at 38.1% while Internet Explorer followed at 25.9%. Safari only had 19.9%, and Firefox was only used during 10.7% of the visits to government websites. The analytics also capture operating systems. Windows captured the majority of visits at 58.4%, and other key players were iOS at 16.4%, Android at 14%, and Macintosh at 8.9%.

One could download data from Analytics.usa.gov by simply selecting one of the ten options and viewing the JavaScript Object Notation (also known as JSON) format which is fairly easy to read. Downloadable options include:

- People online right now (Updated every minute)
- Visits every hour today (Updated every hour)
- Visits by desktop/mobile/tablet devices over 90 days (Updated every day)
- Visits broken down by Operating System over 90 days (Updated every day)

Learning Activity

1. Complete worksheet
2. Think/pair/share
3. Debrief



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Eli Pariser:

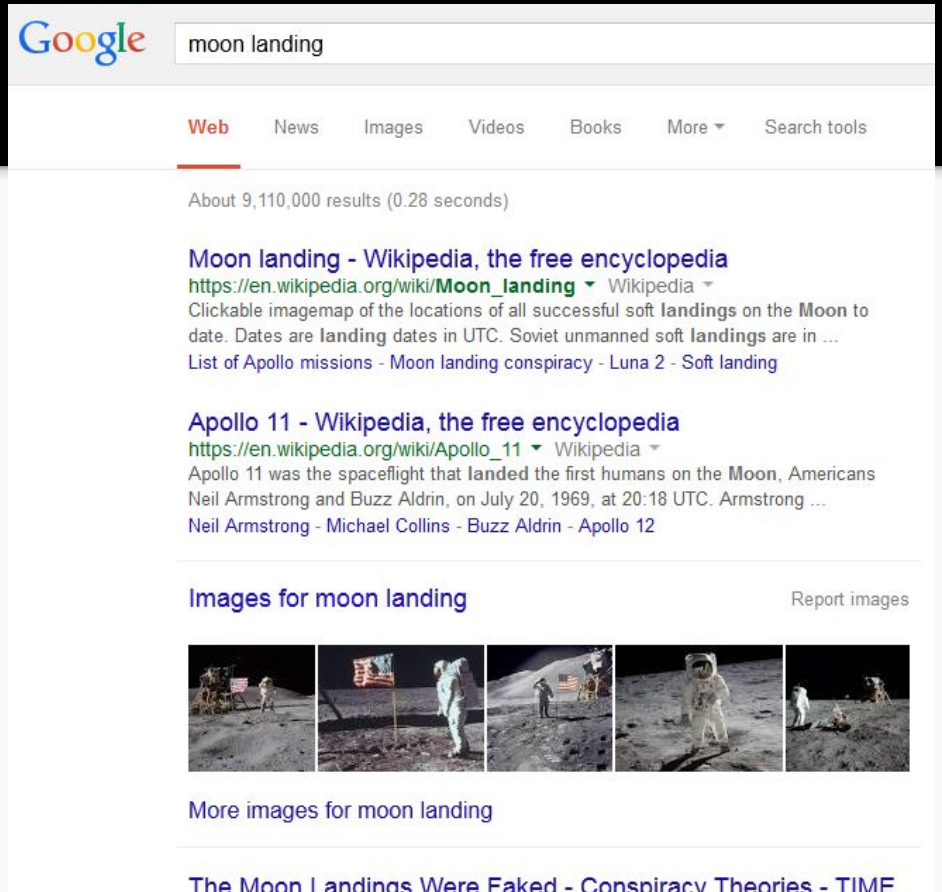
Beware online "filter bubbles"

TED2011 · 09:04 · **Filmed** Mar 2011

40 subtitle languages

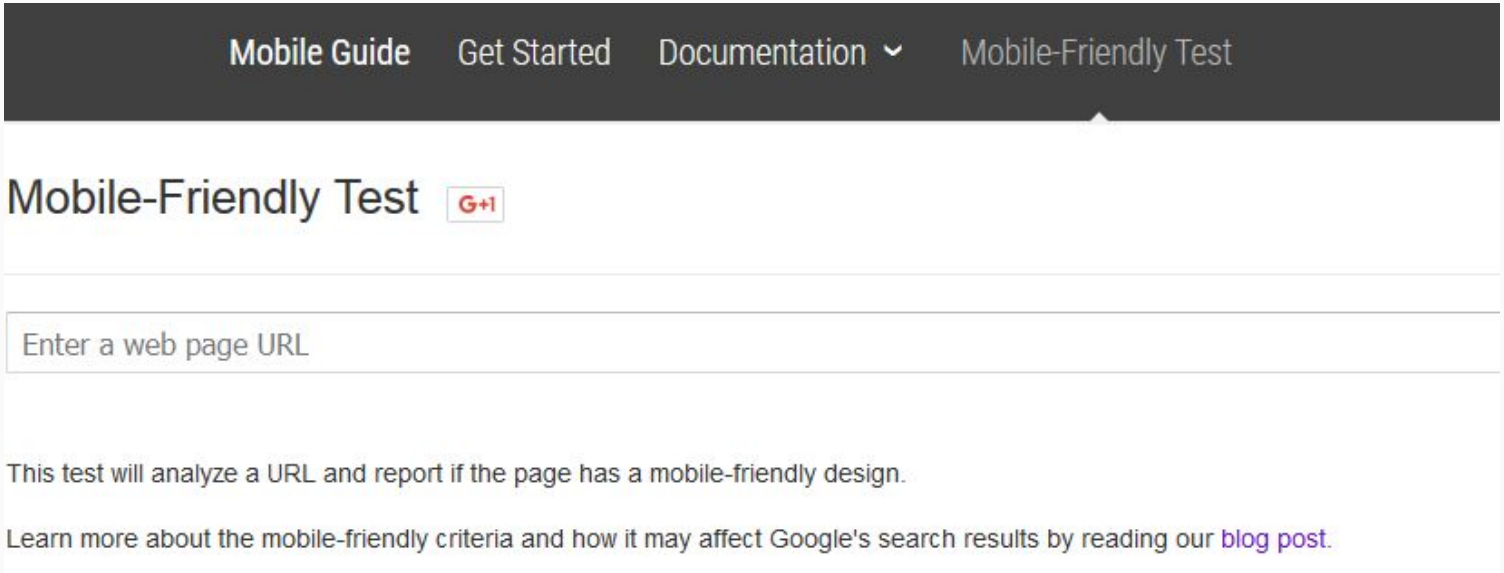
View interactive transcript

Mobilegeddon



Mobile-Friendly Test

https://www.google.com/webmasters/tools/mobile-friendly/



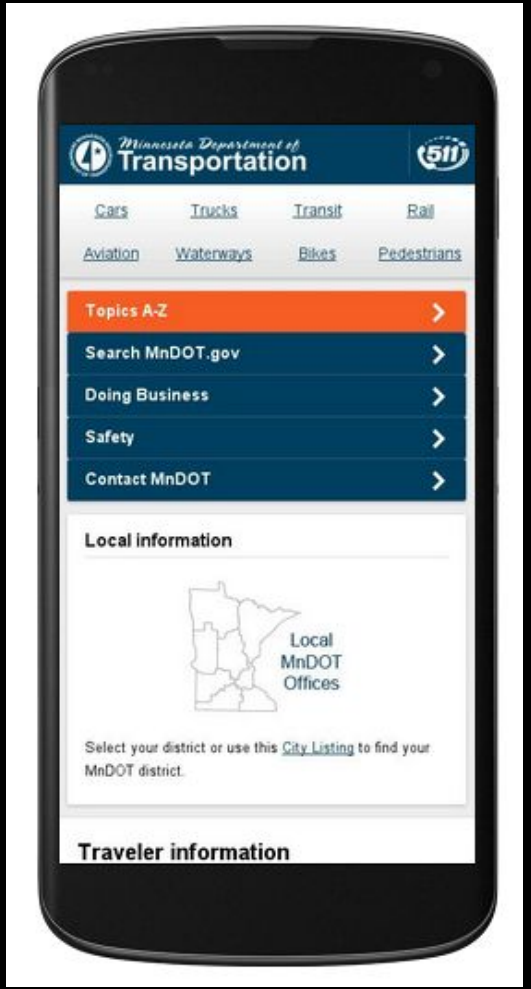
Mobile Viewport Not Set

"A viewport controls how a webpage is displayed on a mobile device. Without a viewport, mobile devices will render the page at a typical desktop screen width, scaled to fit the screen. Setting a viewport gives control over the page's width and scaling on different devices."

-Google Developers

Content Wider Than Screen

Text Too Small to Read



Links Too Close Together

Exhibit Hall

Treaty of Kanagawa

Whistler's Survey Etching

The D.C. Emancipation Act

The Emancipation Proclamation

Henry O. Flipper

The 19th Amendment

Japanese Surrender Document

The Marshall Plan

The North Atlantic Treaty

Jackie Robins[illegible] Lett[illegible]

[illegible] Ti[illegible]

[illegible] 1 Flight Plan

The Magna Carta

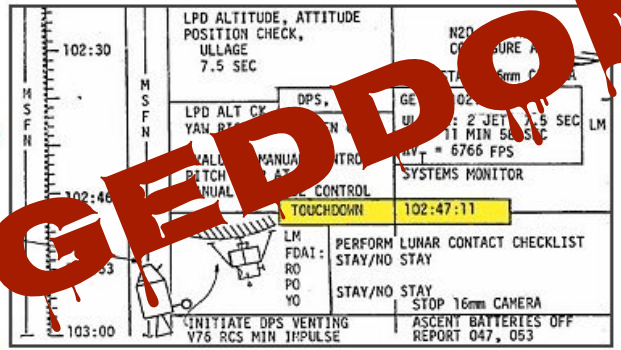
Featured Documents Home

PRINT-FRIENDLY VERSION

Apollo 11 Flight Plan
Commemorating the 30th Anniversary of the Apollo 11 Moon Landing

MOBILEGEDDON

The flight plan for Apollo 11 was a minute-by-minute time line of activities for the mission crew--Neil Armstrong, Mike Collins, and Edwin "Buzz" Aldrin--and Mission Control in Houston. The flight was launched July 16, 1969. Touchdown on the moon took place, as scheduled, on July 20, 102 hours, 47 minutes, and 11 seconds after launch from Cape Kennedy. The astronauts s[illegible] hours and 36 minutes o[illegible] and returned [illegible] Earth on J[illegible]



The flight plan describes tasks to be done 102 to 103 hours into the flight. Immediately after landing, Armstrong and Aldrin reviewed their lunar contact checklist and reached a decision on "stay/no stay." Armstrong then reported to Houston: "The Eagle has landed."

Flight plans, officially known as "flight data files," for Apollo 8 to Apollo 17, and other records related to the Apollo program, are in the custody of NARA's Southwest Region in Fort Worth, Texas. (NARA Record Group 255)

Apollo 11 Flight Plan

More Apollo 11 Resources

President John Kennedy's Address Establishing Moon Landing Goal, 1961 (Kennedy Library)

President John Kennedy's Address on the Nation's Space Effort, 1962 (Kennedy Library)

President Richard Nixon's Diary noting call to Apollo 11 astronauts, July 20, 1969 (NARA's Online Exhibit Hall)

Website Name	URL	Mobile-Friendly	Not Mobile-Friendly	Text too small to read	Links too close together	Mobile viewport not set	Content wider than screen
Minnesota Department of Agriculture	http://www.mda.state.mn.us		x	x	x	x	x
Minnesota Department of Education	http://education.state.mn.us		x		x	x	x
Minnesota Department of Health	http://www.health.state.mn.us		x	x	x	x	x
Minnesota Department Natural Resources	http://www.dnr.state.mn.us		x	x	x	x	x

Date that these sites were checked.

Website Name	URL	Mobile-Friendly	Not Mobile-Friendly	Text too small to read	Links too close together	Mobile viewport not set	Content wider than screen
Minnesota Department of Transportation	http://www.dot.state.mn.us	x					
Minnesota Legislative Reference Library	http://www.leg.state.mn.us/lrl/lrl.aspx	x					
Minnesota Senate	http://www.senate.leg.state.mn.us	x					
Minnesota State Legislature	http://www.leg.state.mn.us	x					

Minnesota Nice but not Mobile-Friendly

- Over 850,000 web pages
- Over 650 distinct domains
- Approximately 200 state agencies

Learning Activity

1. Select a gov't web page applicable to your work OR use one provided by presenter
2. Complete worksheet.
3. Large group discussion

Faceted Legislative Navigation

Acronym OR Backronym:

The House [of Representatives] Open Multimedia Access System

Twenty Years of THOMAS (2015) from blogs.loc

Congress (e.g., 114 (2015-2016))

Bill Type (e.g., Amendments)

Status of Legislation (e.g., Became Law)

Subject -- Policy Area (e.g., Civil Rights)

Committee (e.g., Veterans' Affairs)

Sponsors/Cosponsors

Political Party

Coverage Dates for Legislative Information

Congress.gov is usually updated the morning after a session adjourns. Consult the table below for the specific update schedules and start date for each collection.

Collection	Start Date
Legislation - Metadata	1973 (93rd Congress)
Updated the morning after a session adjourns, usually by 8:00 a.m.	
Legislation - Full Text	1993 (103rd Congress)
Bills are generally sent to the Library of Congress from the Government Publishing Office a day or two after they are introduced on the floor of the House or Senate. Delays can occur when there are a large number of bills to prepare or when a very large bill has to be printed. Senate bills-- Printing of Senate Bills by GPO usually takes at least 5 business days. Please note that Senate bills are not made available before GPO has completed printing th same time	

https://www.congress.gov/about/coverage-dates

Learning Activity

1. Visit Congress.gov.
2. Search for a known item bill (self select OR use one that is provided by the presenter).
3. Use the worksheet to document your experience.

National Park Service Web Cams

- 100th birthday
- Oversee National Parks
- +400 properties
- Enjoyment, education, inspiration
- Conservation
- Outdoor recreation
- Department of Interior

Denali National Park Cams in Alaska.

- Puppy Cam only operates during the summer months

Web series from 2012 on the sled dogs: www.nps.gov/media/video/view.htm?id=C86F6A3C-1DD8-B71C-07520AC4D8654041

Learn more about the puppies: http://www.nps.gov/dena/planyourvisit/kennels.htm

Quotes about the Denali Web Cams

- Digital outreach for folks unable to visit AK
- Puppy Cam - 2010
- Camera installation is a challenge (e.g., costly)
- Impressive stats

Katmai National Park & Preserve

Brown Bears at Brooks Falls

http://z.umn.edu/katmaibears

Yellowstone National Park

Old Faithful Geyser Streaming Webcam

http://z.umn.edu/oldfaithful

Questions?

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