



# NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY DISPARATE DATA CHALLENGE DEMO SCREEN SHOTS

*Proprietary and Confidential*


















## National Geospatial Intelligence Agency Disparate Data Challenge

Click on a button below to access data samples.

Data accessed & demonstration was configured.

100% web browsers, zero programming, zero custom code.

 XLS	 WMS	 DOC	 Map Canvas
 XML	 GEOJSON	 PPT	
 CSV	 Shapefile	 TIFF	Practical Exercise
 TXT	 KML	 JPG	
 RDBMS	 KMZ		BigData
SitScape User Guide		Video Sources Streaming + MP4 + YouTube	



XLS





## XML

### Page Details

Many RESTful Web Service calls return a XML object. A XML object is a format that is semi-structured. SitScape allows you to create a structured data grid from any XML object with a graphical user interface to pick-and-choose any node and field from the XML tree, and create a relational data grid dynamically and on-the-fly.

### RESTful Source XML

REST URL: [http://demo.sitscape.com/dload.html?v=m5wtezdnnvvhuk2g&t=obrho53zfnjq&fname=2011\\_usvi\\_bathymetry\\_metadata.xml](http://demo.sitscape.com/dload.html?v=m5wtezdnnvvhuk2g&t=obrho53zfnjq&fname=2011_usvi_bathymetry_metadata.xml)

XML Tree Structure:

- json
  - metadata
    - idinfo
      - citation
        - citeinfo
          - origin
            - 0 : 'Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Centers for Coastal Ocean Science (NCCOS), Center for Coastal Monitoring and Assessment (CCMA), Biogeography Branch'
            - 1 : 'Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), Office for Coastal Management (OCM)'
          - pubdate : '20160523'
          - title : '2011 NOAA Bathymetric Lidar: U.S. Virgin Islands - St. Thomas, St. John, St. Croix (Salt River Bay, Buck Island)'
          - geoform : 'las'
          - pubinfo
            - pubplace : 'Charleston, SC'
            - publish : 'NOAA's Ocean Service (NOS), Office for Coastal Management (OCM)'
          - onlink
            - 0 : 'https://oost.nps.gov/dataviewer/#lidarsearchhub&ID=1304'

### XML Table

metadata.idinfo.status	metadata.idinfo.status	metadata.idinfo.keywo	metadata.idinfo.keywo
Complete	As needed	ISO 19115 Topic Category	elevation
Complete	As needed	None	

### File Explorer

sandy_3_bathy_metadata.xml (87.58 KB)	[1/1]
sandy_19_topobathy_metadata.xml (102.73 KB)	[1/1]
sandy_13_bathy_metadata.xml (83.79 KB)	[1/1]
2011_usvi_bathymetry_metadata.xml (28.96 KB)	[1/1]
2003_USGS_VI_metadata.xml (20.38 KB)	[1/1]
sandy_3_bathy_metadata.xml (87.58 KB)	[1/1]
sandy_1_bathy_metadata.xml (93.20 KB)	[1/1]

Add more files [Choose Files](#)



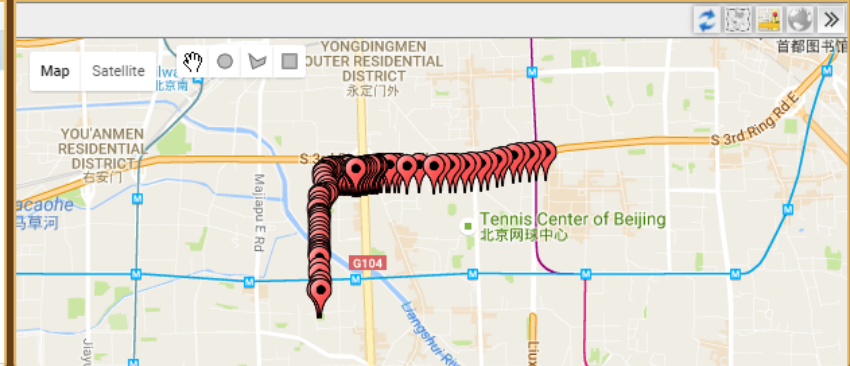
### Page Details

SitScape also allows users to do rapid visual interactive Exploratory Data Discovery (EDA). With just a few mouse-clicks, user can create beautiful and highly interactive visualizations from data source in their Web browser, those visualizations are automatically linked and correlated by the software.

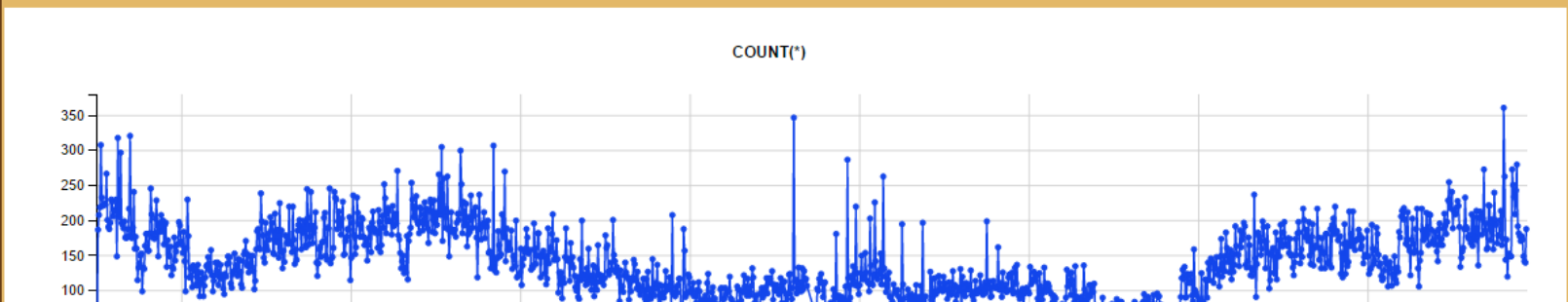
### Taxi Beijing subset

TRACKID	TIMESTAMP	x	y
taxi_id_8717	2016-09-18 19:24:21	116.39465	39.84351
taxi_id_8717	2016-09-18 19:24:21	116.39439	39.84353
taxi_id_8717	2016-09-18 19:24:21	116.39439	39.84353
taxi_id_8717	2016-09-18 19:24:21	116.3945	39.84386
taxi_id_8717	2016-09-18 19:24:21	116.39458	39.84423
taxi_id_8717	2016-09-18 19:24:21	116.39454	39.84501
taxi_id_8717	2016-09-18 19:24:21	116.39453	39.84555
taxi_id_8717	2016-09-18 19:24:21	116.39454	39.8467
taxi_id_8717	2016-09-18 19:24:21	116.39454	39.84692
taxi_id_8717	2016-09-18 19:24:21	116.39452	39.84693
taxi_id_8717	2016-09-18 19:24:21	116.39449	39.84695

### Taxi Beijing map plot



### taxi\_beijing\_small 2.csv::time chart







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**S (WTS) Report 3 May - 2 June 2016**

**S(WTS) Report 26 April - 25 May 2016**

OFFICE OF NAVAL INTELLIGENCE

(U) WORLDWIDE: Worldwide Threat to Shipping (WTS) Report  
10 May - 8 June 2016  
9 June 2016

...

(U) **Table of Contents**

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1. (U) Scope Note
2. (U) Summary
3. (U) **Counter-Piracy** and Maritime Crime Announcements and Advisories
4. (U) Details: Monthly Incidents by Region
5. (U) Appendix A: Further Contact Information and Resources
6. (U) Appendix B: Terminology and References

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1. (U) Scope Note

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(U) The Worldwide Threat to Shipping (WTS) message provides info on piracy threats to, and criminal action against, merchant vessels and the shipping industry worldwide in the last 30 days. This report is produced primarily to inform merchant mariners and naval forces.

**📄 (WTS) Report 24 May - 22 June 2016**

OFFICE OF NAVAL INTELLIGENCE

(U) WORLDWIDE: Worldwide Threat to Shipping (WTS) Report  
24 May - 22 June 2016  
23 June 2016

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(U) Table of Contents

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1. (U) Scope Note
2. (U) Summary
3. (U) Counter-Piracy and Maritime Crime Announcements and Advisories
4. (U) Details: Monthly Incidents by Region
5. (U) Appendix A: Further Contact Information and Resources
6. (U) Appendix B: Terminology and References



# RDBMS

## dcsuspect

id	firstname	lastname	count
1	ABDELKARIM HUSSEIN	MOHAMED AL-NASSER	Libya
2	ADNAN	SHUKRIJUMAH	Saudi A
3	AHMED MOHAMMED	HAMED ALI	Egypt
4	ALI SAED	BIN ALI EL-HOORIE	Saudi A
5	Bin	Laden	Saudi A
6	DANIEL	ANDREAS SAN DIEGO	Libya
7	Fa	AHMED AL-QUSO	Yemen
8	HAKIMULLAH	MEHSUD	Saudi A
9	HASAN	IZZ-AL-DIN	Tunisia
10	HUSAYN	MUHAMMAD AL-UMARI	UAE

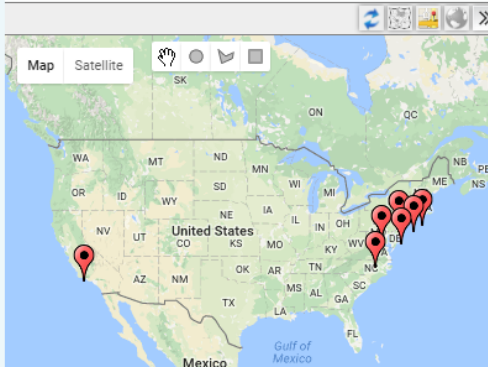
## ssincident

id	description	state	cost
1	911	NY	\$
2	Murder	MA	\$
3	Assault	VA	\$
4	Armed Robbery	PA	\$
5	Homicide	NY	\$
6	Assault	VA	\$
7	Bank Robbery	VA	\$
8	Robbery	ND	\$
9	Murder	CA	\$
10	Commit Assault and Da	VA	\$
11	Murder and Conspiracy	CT	\$
12	VTech Shooting	VA	\$

## dcsuspect::Photos



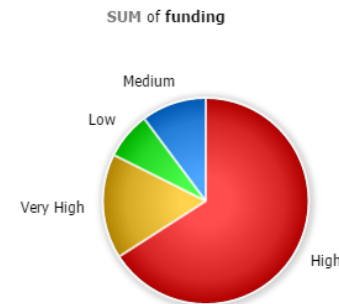
## ssincident: state



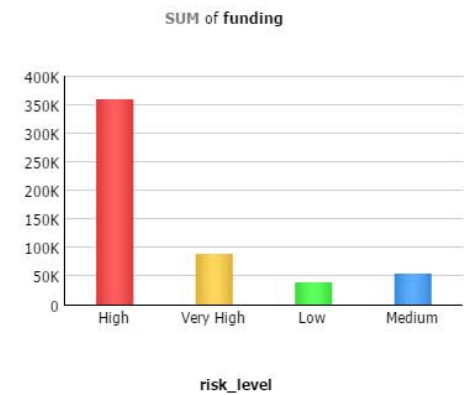
## dcsuspect: country



## dcsuspect::pie chart



## dcsuspect::bar chart



## ssincident::Photos



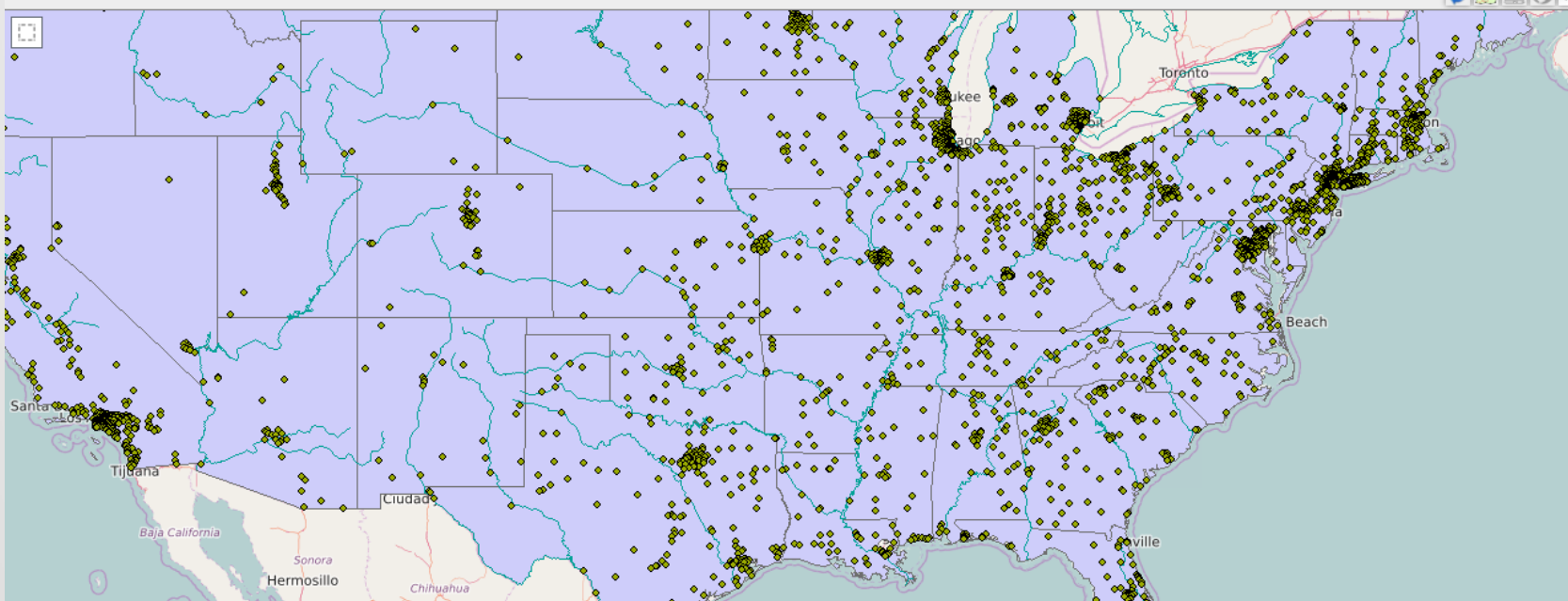


**WMS**

### WMS Layers

Layer	Source
WMS Data	<a href="http://sampleserver1.arcgisonline.com/ArcGIS/services/Specialty/ESRI_StatesCitiesRivers_USA/MapServer/WMSServer?">http://sampleserver1.arcgisonline.com/ArcGIS/services/Specialty/ESRI_StatesCitiesRivers_USA/MapServer/WMSServer?</a>

### WMS Map

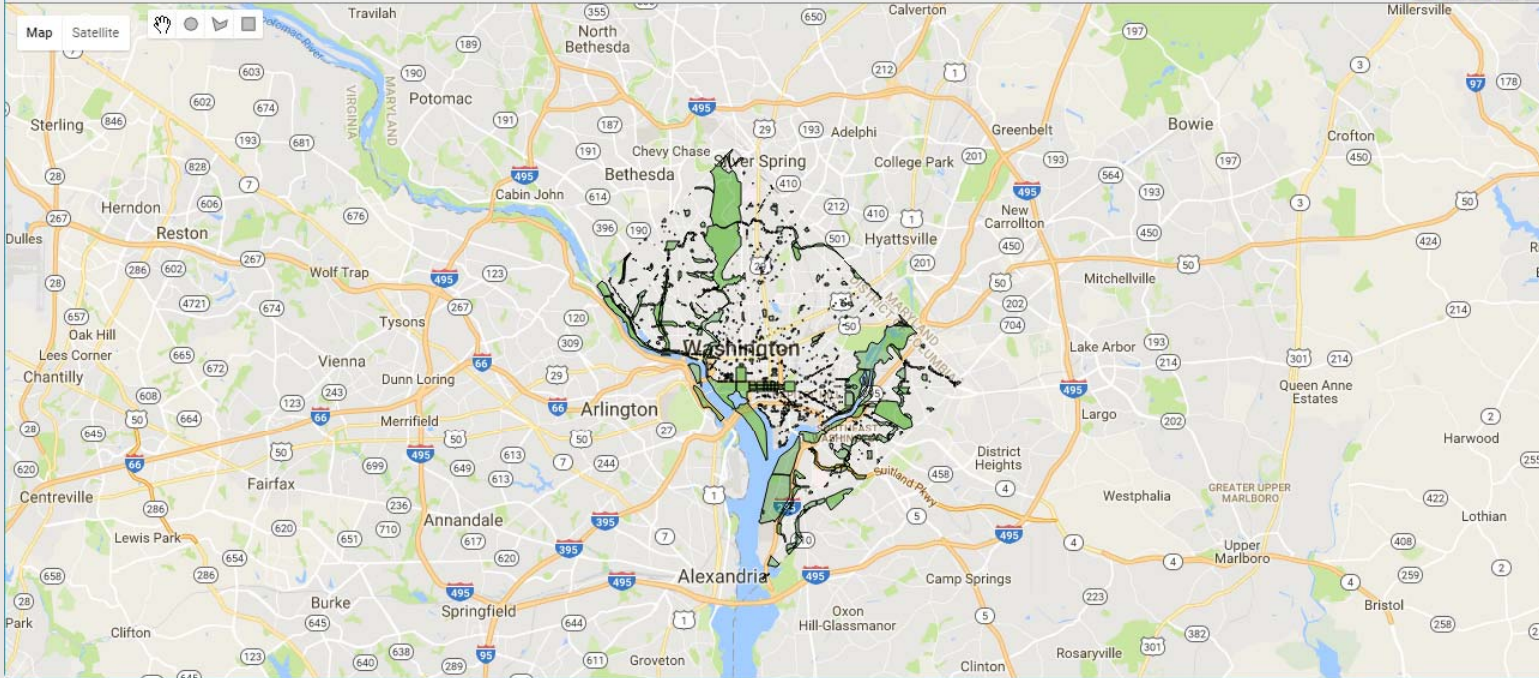






## GEOJSON

map

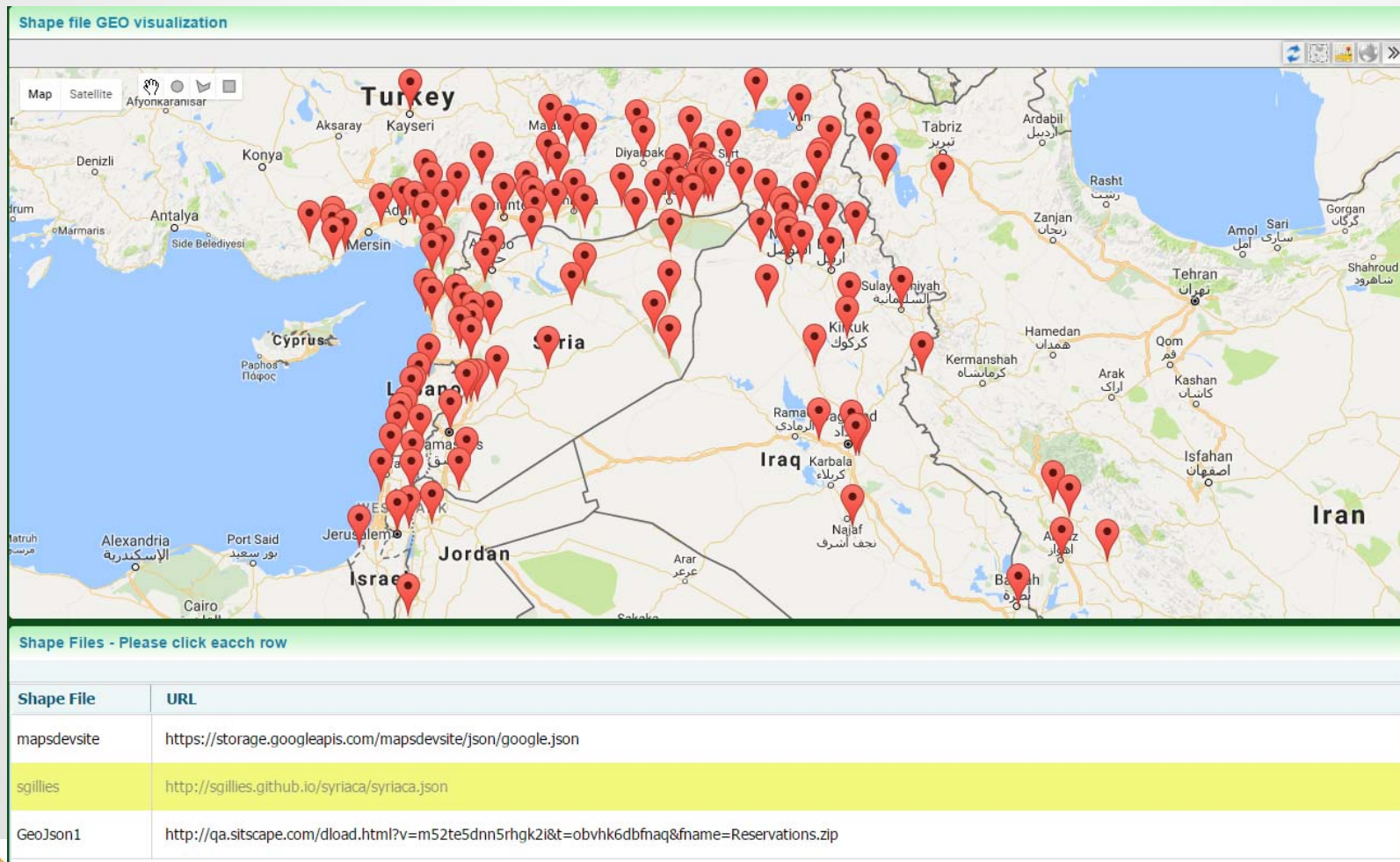


Please click on each GeoJSON Row below to see update in Map above

Shape File	URL
GeoJson1	<a href="http://qa.sitscape.com/dload.html?v=m52te5dnn5rhgk2i&amp;t=obvhk6dbfmaq&amp;fname=Reservations.zip">http://qa.sitscape.com/dload.html?v=m52te5dnn5rhgk2i&amp;t=obvhk6dbfmaq&amp;fname=Reservations.zip</a>
sgillies	<a href="http://sgillies.github.io/syriaca/syriaca.json">http://sgillies.github.io/syriaca/syriaca.json</a>
mapsdevsite	<a href="https://storage.googleapis.com/mapsdevsite/json/google.json">https://storage.googleapis.com/mapsdevsite/json/google.json</a>



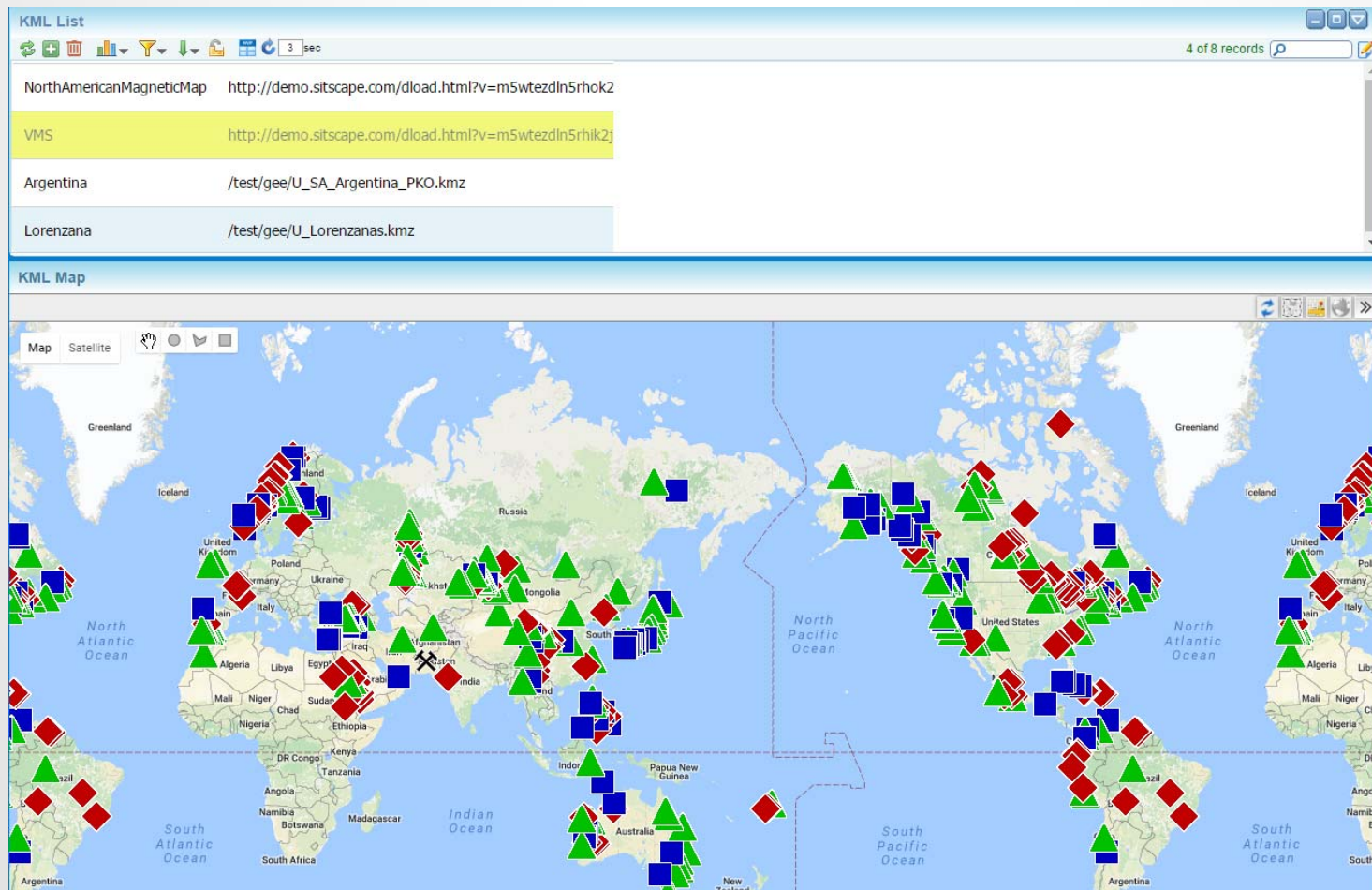
Shapefile







KML





KMZ

NGA Phase 1 KMZ.xlsx: Source

Map Satellite

Please click on each KMZ Row (NGA Data)

Layer	Source
NAVWARN	<a href="http://demo.sitscape.com/dload.html?v=m5wtezdnnvrhek2r&amp;t=nzxho6dvfnda&amp;fname=NAVWARN.kmz">http://demo.sitscape.com/dload.html?v=m5wtezdnnvrhek2r&amp;t=nzxho6dvfnda&amp;fname=NAVWARN.kmz</a>
VMS	<a href="http://demo.sitscape.com/dload.html?v=m5wtezdnnvrhuk2g&amp;t=nzxho6dvfnaq&amp;fname=vms.kmz">http://demo.sitscape.com/dload.html?v=m5wtezdnnvrhuk2g&amp;t=nzxho6dvfnaq&amp;fname=vms.kmz</a>

File Explorer

- ☐ geochron.kmz (787.30 KB) [1/1]
- ☐ NAVWARN.kmz (124.87 KB) [1/1]
- ☐ Epithermal\_vein\_quartzalunite.kr [1/1]
- ☐ Epithermal\_vein\_quartzadularia.l [1/1]
- ☐ Epithermal\_vein\_Comstock.kmz [1/1]
- ☐ Duluth\_CuNIPGE.kmz (3.52 KB) [1/1]



## 11th+Committee+Rules.doc

- Alexander the Great
- 

[illegible]

- 1997q1feb06.doc

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- Humanitarian+response+to+the+2004+Indian+Ocean+ear







PPT

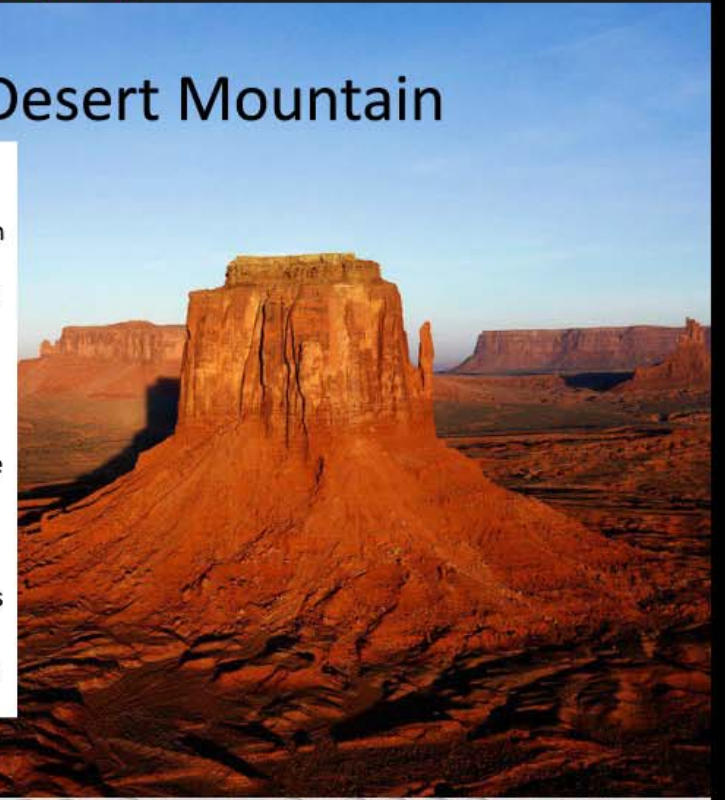
## dncdownloadinstructions.ppt

		(2 Mb)	(338 KB)	(306 KB)	
H1508510	Port Royal, South Carolina	<a href="#">Edition</a> 25 (7 MB)	<a href="#">Windows</a> (1 MB)	<a href="#">Unix</a> (1 MB)	<a href="#">View</a>
H1508530	Savannah, Georgia	<a href="#">Edition</a> 25 (2 MB)	<a href="#">Windows</a> (1 MB)	<a href="#">Unix</a> (5015 KB)	<a href="#">View</a>
H1508540	Saint Catherine's Sound to Altamaha Sound, Georgia	<a href="#">Edition</a> 25 (3 MB)	<a href="#">Windows</a> (2 MB)	<a href="#">Unix</a> (2 MB)	<a href="#">View</a>
H1508550	Brunswick, Georgia	<a href="#">Edition</a> 25 (947 KB)	<a href="#">Windows</a> (526 KB)	<a href="#">Unix</a> (526 KB)	<a href="#">View</a>
H1508555	Kings Bay, Georgia	n/a	<a href="#">Windows</a> (342 KB)	<a href="#">Unix</a> (296 KB)	<a href="#">View</a>
H1508580	Jacksonville, Florida	<a href="#">Edition</a> 25 (4 MB)	<a href="#">Windows</a> (2 MB)	<a href="#">Unix</a> (2 MB)	<a href="#">View</a>
H1508595	Port Canaveral, Florida	<a href="#">Edition</a> 25 (990 KB)	<a href="#">Windows</a> (532 KB)	<a href="#">Unix</a> (509 KB)	<a href="#">View</a>
H1508600	Fort Pierce, Florida	<a href="#">Edition</a> 25 (2 MB)	<a href="#">Windows</a> (806 KB)	<a href="#">Unix</a> (765 KB)	<a href="#">View</a>
H1508610	Palm Beach, Florida	<a href="#">Edition</a> 25 (491 KB)	<a href="#">Windows</a> (91 KB)	<a href="#">Unix</a> (74 KB)	<a href="#">View</a>
H1508630	Port Everglades, Florida	<a href="#">Edition</a> 25 (1 MB)	<a href="#">Windows</a> (1 MB)	<a href="#">Unix</a> (1 MB)	<a href="#">View</a>
H1508640	Miami, Florida	<a href="#">Edition</a> 25 (1 MB)	<a href="#">Windows</a> (417 KB)	<a href="#">Unix</a> (391 KB)	<a href="#">View</a>
H1508645	Florida Keys	<a href="#">Edition</a> 25 (4 MB)	<a href="#">Windows</a> (2 MB)	<a href="#">Unix</a> (2 MB)	<a href="#">View</a>
H1508660	Key West, Florida	<a href="#">Edition</a> 25 (4 MB)	<a href="#">Windows</a> (1 MB)	<a href="#">Unix</a> (1 MB)	<a href="#">View</a>
H1508662	Dry Tortugas, Florida	<a href="#">Edition</a> 25 (365 KB)	<a href="#">Windows</a> (99 KB)	<a href="#">Unix</a> (88 KB)	<a href="#">View</a>

## CY+2015+Sample+Graphics.ppt

### Desert Mountain

Mountain is a large landform that stretches above the surrounding land in a limited area, usually in the form of a peak. A mountain is generally steeper than a hill. Mountains are formed through tectonic forces or erosion. These forces can gradually raise the surface of the earth. Mountains erode slowly through the action of rivers, weather conditions, and glaciers. A few mountains are isolated summits, but most occur in huge mountain ranges.





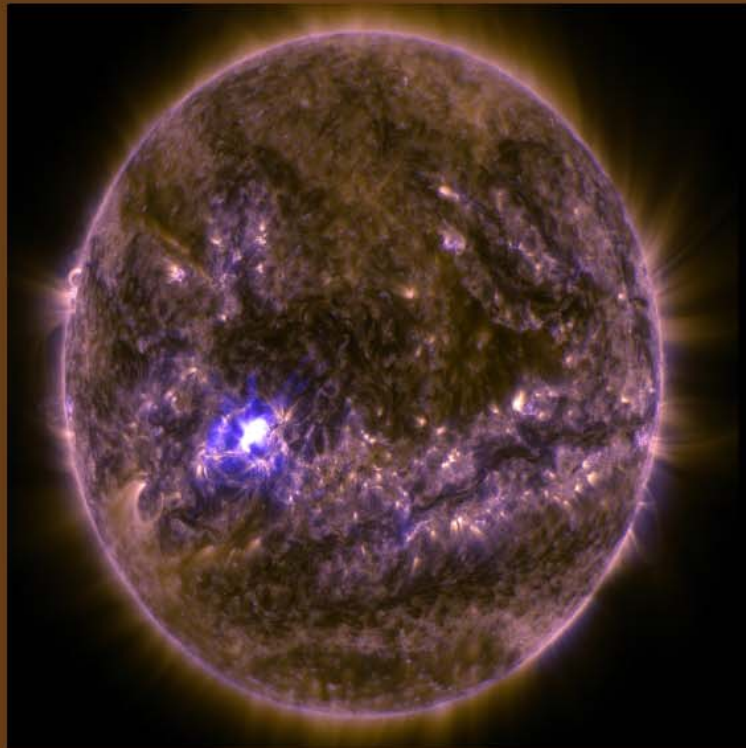
TIFF

etopo1\_bedrock.tiff





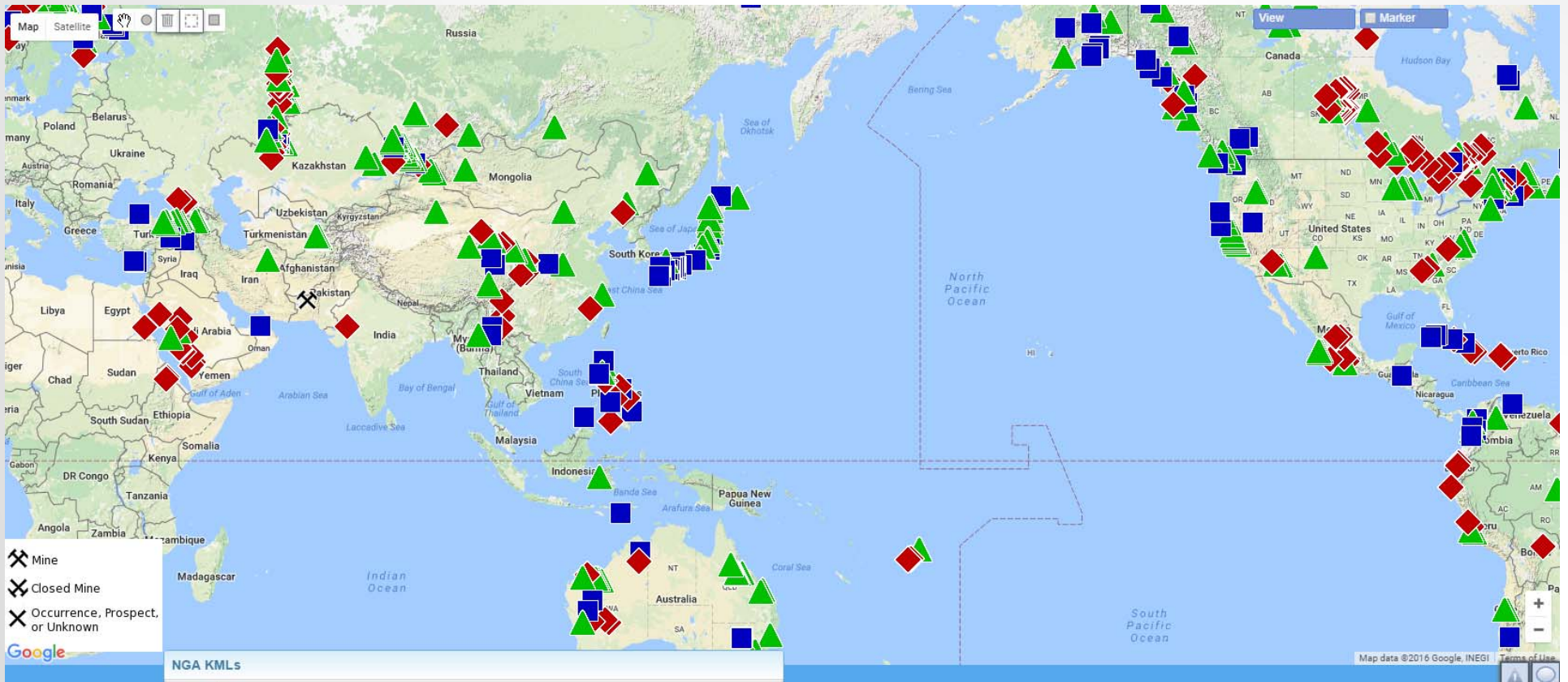
JPG







Map Canvas



# Practical Exercise

## Page Details

On this page we combine two different data sources and highlight relationships between data elements, even when those relationships are not obvious to the user.

Clicking on the vehicle datasource will show results that have a fuzzy name match to the license plate data source.



## (U)-VehicleRegistrationDatabase\_Fixed.xls

LAST_NAME	FIRST_NAME	MIDDLE_NAME	GENDER	AGE	DOB
Casillo	Robert	Franklyn	male	62	1951-06-16
Smith	George	Hyman	male	47	1966-03-19
Johnson	Phyllis	Maryann	female	24	1990-01-26
Agudelo	Cristian	Klara	female	34	1979-12-20
Chichdm	Maureen	Hassie	female	35	1978-10-14
Rusio	Erica	Adah	female	51	1962-08-01
Hahou	William	Andreas	male	32	1981-05-19
Haher	Richard	Andreas	male	53	1960-04-13
Po	Mario	Major	male	39	1974-07-27
Marinoz	Vance	Clint	male	38	1975-05-12
Mcswan	Terry	Granville	male	23	1990-12-08
Dumono	Harlan	Alonso	male	35	1978-06-13
Brechean	Donald	Danick	male	62	1951-10-17
Rosis	Jerry	Carol	male	38	1975-11-17
Homer	George	Arden	male	53	1961-02-22

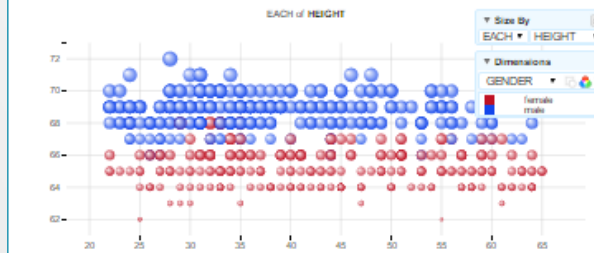
## (U)-ADDRESS-AND-LICENSE-PLATE-SPREADSHEET-FOR-2501.xls

Column1
9/27/1983HareBandofmaleblondAMcCormickColston100 Surfside Road, Makana
RanRenaalTengPHKAUS-TYF
8/7/27/1979HareBandofmaleblondAMcCormickColston100 Surfside Road, Makana
QianMercedesG250HKAUS-HYR
5/7/1984HareBandofmaleblondAMcCormickColston100 Surfside Road, Makana

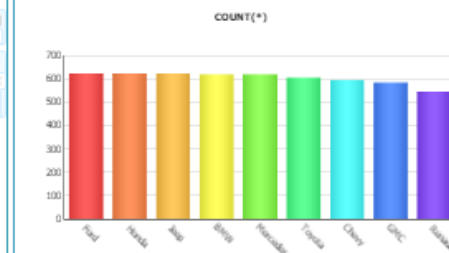
## KPI



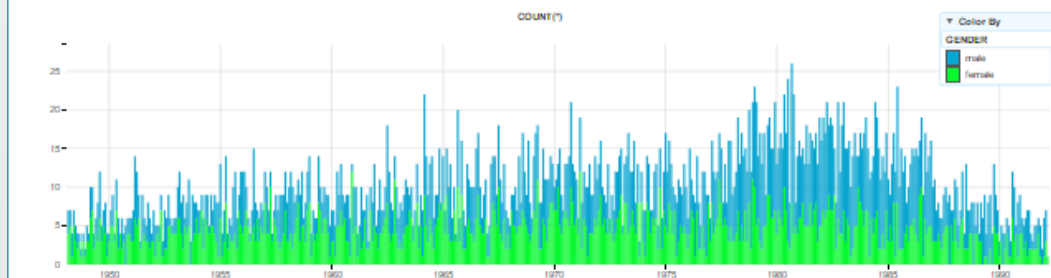
## (U)-VehicleRegistrationDatabase\_Fixed.xls::scatter chart



## (U)-VehicleRegistrationDatabase\_Fixed.xls::bar chart



## (U)-VehicleRegistrationDatabase\_Fixed.xls::time chart



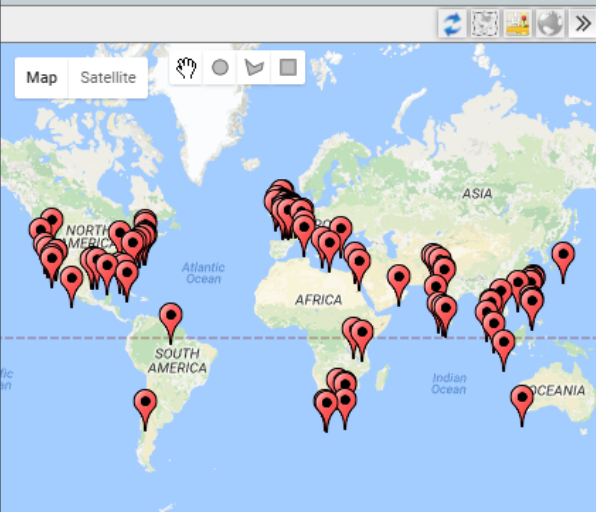


# BigData

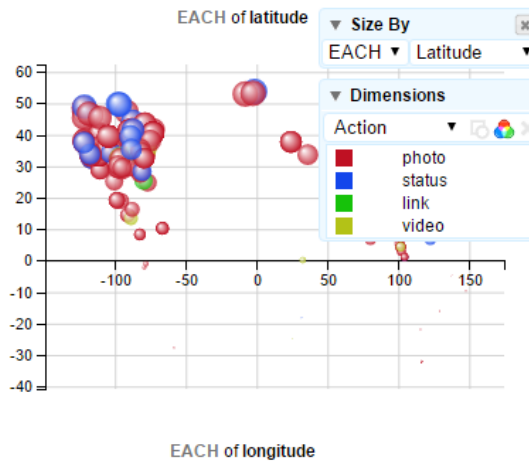
Facebook Hadoop Data

action	sid	event_source_sid	rec_ts	orig_ts	source	content	language	hashtags	longitude	latitude
link	68cce217-40ec-44fe-ba	21a27142-5cbd-4dc1-85	2015-04-23 17:13:18	2015-04-23 17:14:01	web		en		-118.2482	34.05093
link	68892647-093f-4d19-b5	21a27142-5cbd-4dc1-85	2015-04-23 20:24:34	2015-04-23 20:25:15	Status (25554907596)		en		3.367265	6.484151
link	68b2595f-dcb7-4e24-92	21a27142-5cbd-4dc1-85	2015-04-23 21:16:16	2015-04-23 21:16:08	Microsoft (3071301508)				116.3833	39.91667
link	68f9a843-680d-4410-94	21a27142-5cbd-4dc1-85	2015-04-23 23:15:17	2015-04-23 23:14:45	web		en	["#comment"]	-111.8874	40.42523
link	683e805f-2c5d-4276-85	21a27142-5cbd-4dc1-85	2015-04-23 22:28:36	2015-04-23 22:29:39	Links (2309869772)		en		-77.91222	34.22333

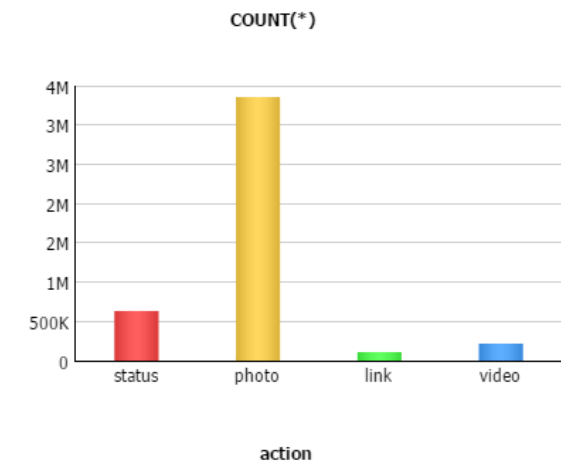
Facebook Map



Facebook Scatter Chart



Facebook\_Bar Chart



For additional information contact:

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[kyin@sitscape.com](mailto:kyin@sitscape.com)  
(703) 448-0646

