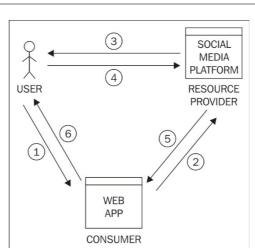
SEMANTIC TECHNOLOGY KNOWLEDGE CONTERT INFORMATION DATA SOCIAL MEDIA PLATFORM USER DATA SCIENTIST AUTH CLEAN ANALYTICS DATA VIZ AND ENGINE AND REPORTS WEB PREPROCESS APP DOWNLOAD RESULTS SOCIAL MEDIA CLEAN AND DATA(RAW) AUGMENTED DATA



Chapter 1: Social Media, Social Data, and Python

Intro to Tex	t Mini	ng	Test OAuth	
Details Settings Keys an	d Access Tokens	Permissions		
Application Settings				
Keep the "Consumer Secret" a se	cret. This key shoul	ld never be human-readable in your application.		
Consumer Key (API Key)				
Consumer Secret (API Secret)				
Access Level Read-	only (modify app p	ermissions)		
Owner marco	bonzanini			
Owner ID 19018	614			
Your Access Token		hange App Permissions		
	_			
	Impo	ortant Information		
Introduction		conda is a modern open source analytics platform Python. See <u>https://www.continuum.io/download</u>	-	
● Read Me		default this installer modifies your bash mofile t		
License		By default, this installer modifies your bash profile to put Anaconda in your PATH. To disable this, choose "Customize" at		
Destination Selection	t the '	"Installation Type" phase, and disable the "Modif	fy PATH"	
Installation Type	opti	on. If you do not do this, you will need to add $\sim/$	anaconda/	

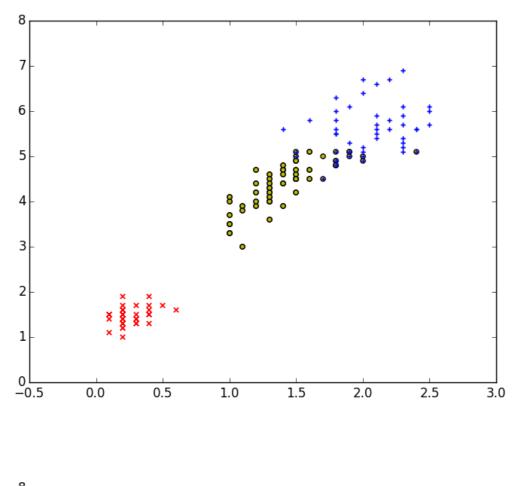
red ze" at I" da/ Installation Type bin to your PATH manually to run the commands, or run all anaconda commands explicitly from that path. Installation Summary To install to a different location, select "Change Install Location..." at the "Installation Type" phase, the choose "Install on a specific disk...", choose the disk you wish to install on, and click "Choose Folder...". The "Install for me only" option will install anaconda to the default location, ~/anaconda. The packages included in this installation are: ANACONDA

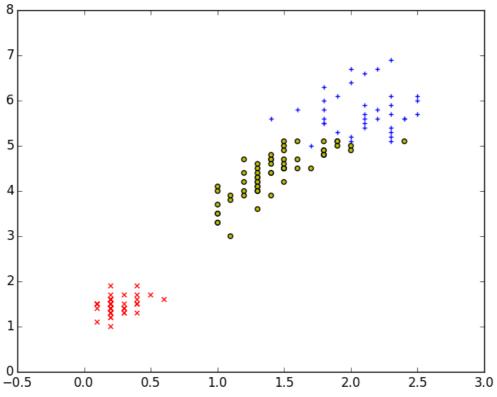
- python 3.5.1
- alabaster 0.7.7

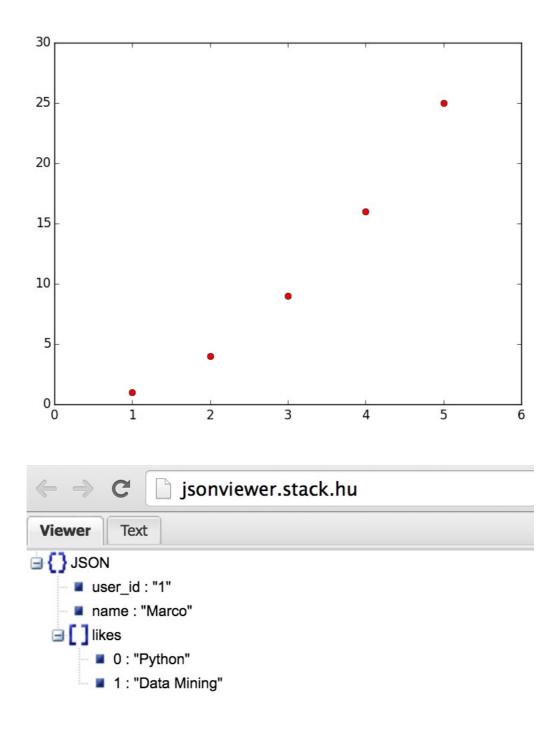
|--|--|

### Go Back Continue

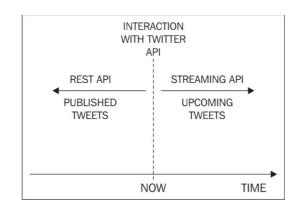
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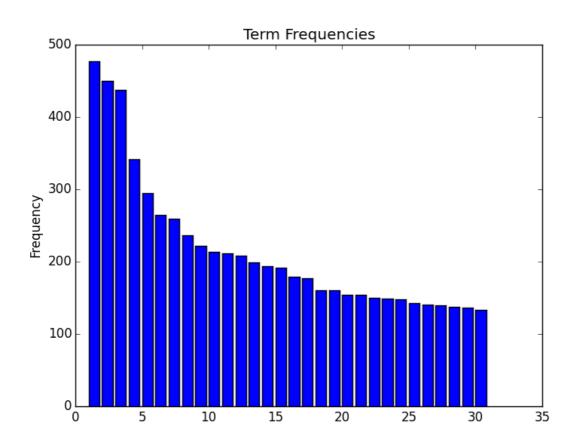


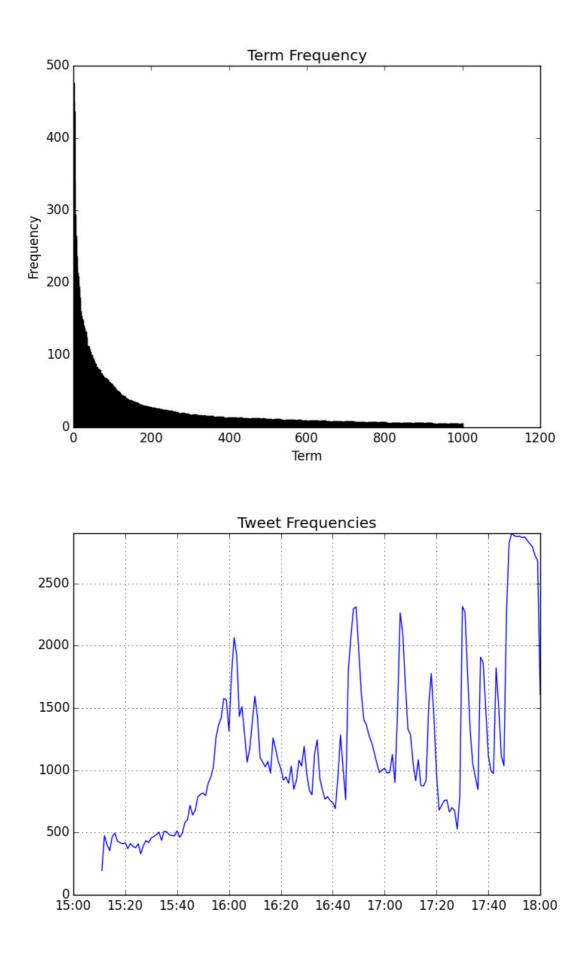




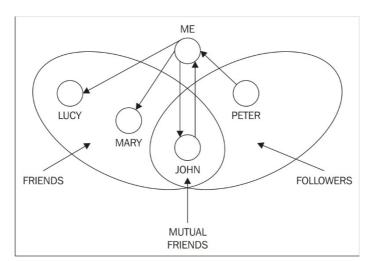
# Chapter 2: #MiningTwitter – Hashtags, Topics, and Time Series



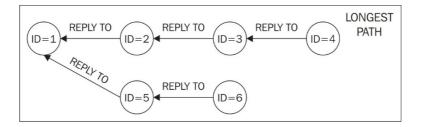


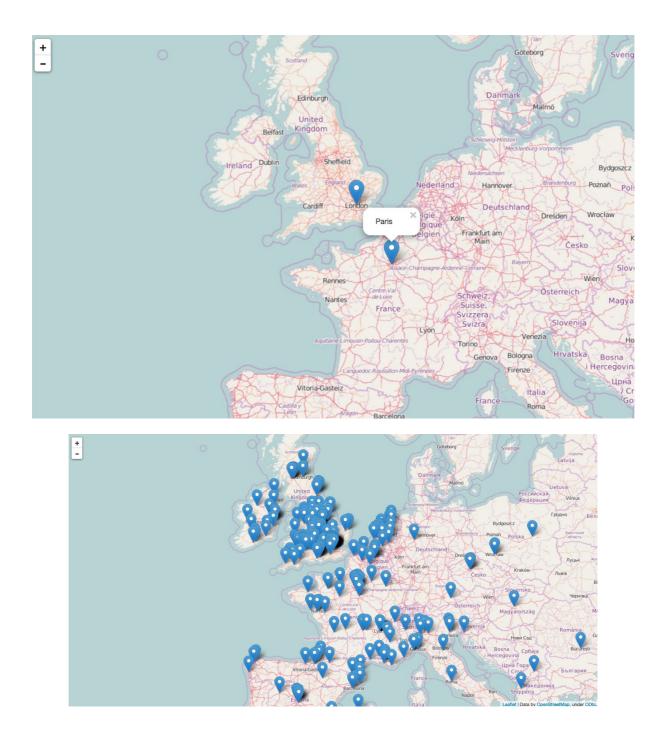


### **Chapter 3: Users, Followers, and Communities on Twitter**



# ----- Cluster 0 PhD Student #FutureOfNews, #TextMining, Topic Detection & Tracking, Summarization, Information Retrieval, mostly with Breaking News Data PhD candidate - How and what can search engines learn from their users? PhD candidate. Information Retrieval. Data Mining. Open Source. PhD Candidate | Semantic Search in eDiscovery | Information Retrieval, Text Mining # ----- cluster 1 Co-fundador de Viz Analytics. Diplomado en Ingeniería Informatica de Gestión y con un Master Universitario en Inteligencia Artificial. Lenguas, comunicación y nuevos medios. No tuitear en caso de incendio. Lic. en Administración mención informática, promotor del software libre y las oportunidades que brinda. # ----- Cluster 2 I am part time web-developer and I love python boiling down to Python and Infosec nowadays. Any advices? Python Padawan, Django noob. Sherlock of #Data, Love #machinelearning #python # ----- Cluster 3 Data Scientist Data scientist in the making Data scientist, interested in text analysis, social networks, artificial and natural intelligence, data, complexity, illusions... Data Scientist Wanna be a Data Scientist: using data for good







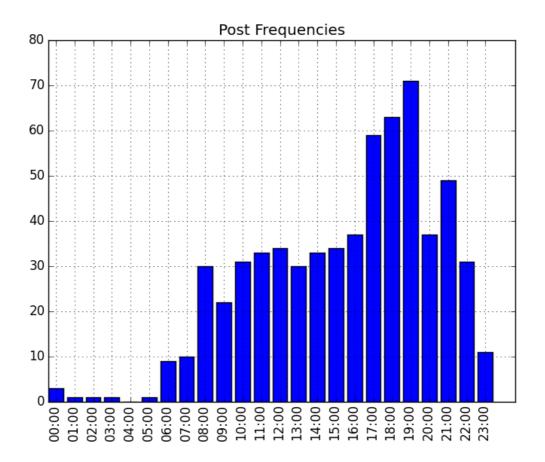
## Chapter 4: Posts, Pages, and User Interactions on Facebook

## Create a New App ID Get started integrating Facebook into your app or website

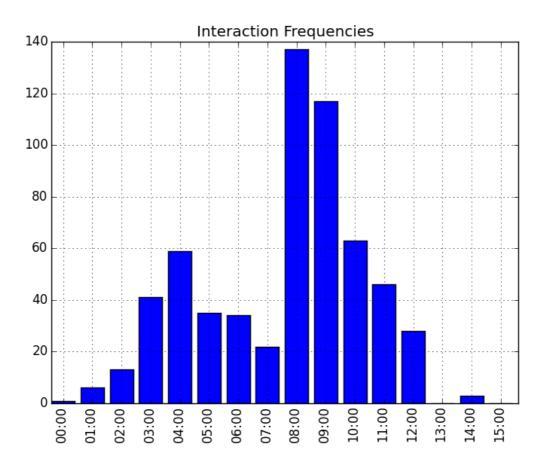
Display Name	
Social Media Mining	1
Namespace	
A unique identifier for	or your app (optional)
No Is this a	a test version of another app? Learn More.
Choose a category -	
ly proceeding, you agree	to the Facebook Platform Policies and the Facebook Privacy Policy Cancel Create App ID
Social Media Mining 🔹	Dashboard
Dashboard	Social Media Mining o
Settings	This app is in development mode and can only be used by app admins, developers and testers [?]
Status & Review	App ID API Version [?] App Secret
App Details	
Roles	Get Started with the Facebook SDK
🕻 Open Graph	Use our quick start guides to set up the Facebook SDK for your iOS or Android app, Canvas game or website.
Alerts	
Localize	Secure Your App Settings
Canvas Payments	Use our app security checkup tool to see how secure your app is and identify potential vulnerabilities.
araph API Explorer	Application:           Application:
ccess Token:	⇒ Get Token ▼
Graph API FQL Query GET $\rightarrow / v2.5 \neq / me?$ field	S=id,name
	Learn more about Vininstall the app

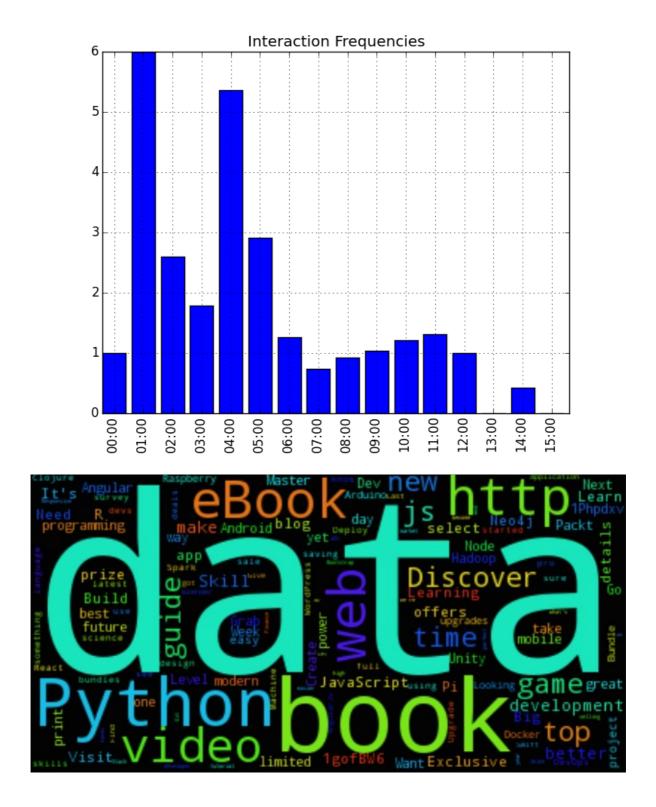
I Get Page Access Token

**Select Permissions** User Data Permissions **Extended Permissions** ✓ user\_about\_me user\_actions.books user\_actions.fitness user\_actions.music user\_actions.video user\_actions.news user\_education\_history user\_events user\_birthday ✓ user\_friends user\_games\_activity ✓ user\_hometown ✓ user\_likes ✓ user\_location user\_managed\_groups user\_photos user\_relationship\_details user\_posts ✓ user\_relationships 📄 user\_religion\_politics 🛛 user\_status user\_website user\_work\_history Public profile included by default. **Get Access Token** Clear Cancel









## Chapter 5: Topic Analysis on Google+

### New project

The Google Developers Console uses projects to manage resources.

Project name	2	

Social Media Mining

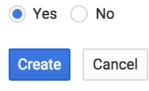
Your project ID will be social-media-mining 📀 Edit

### Show advanced options...

Please email me updates regarding feature announcements, performance suggestions, feedback surveys and special offers.

Yes	$igodoldsymbol{ extsf{0}}$	No
-----	----------------------------	----

I agree that my use of any services and related APIs is subject to my compliance with the applicable Terms of Service.



## Overview



### Google+ API

The Google+ API enables developers to build on top of the Google+ platform. Learn more

Try this API in APIs Explorer  $\square$ 

Overview     Credentials     OAuth consent screen     Domain verification	to Credentials
Learn more Typ this API in APIs Explorer 12         IPI API Manager       Credentials         Overview       Demain verification         Or dentials       Outh consent screen       Domain verification         API key       Outh cleantials       API key         Outh cleantials       API key       Outh cleantials         API key       Outh cleantials       API key         Outh cleantials       API key       Outh cleantials         API key       Outh cleantials       API key         Outh cleantials       API key       Outh cleantials       API key         Outh cleantials       API key       Outh cleantials       API key         Outh cleantials       API key       Outh cleantials       API key         Outh cleantials       API key       Outh cleantials       API key         Endles account key       Endles account key       Endles account key       API key to check que for account key         For a set th Google Cloud APIs.       Height mechanism       API key       API key       API key         Extense account key       Extense account key       Extense account key       Extense account key       API key       API key         Extense account key       Extense account key       Extense account key       API key <th></th>	
<ul> <li>Credentials</li> <li>Credentials</li> <li>Credentials</li> <li>Credentials</li> <li>Credentials</li> <li>Credentials</li> <li>Auth consent screen</li> <li>Domain verification</li> <li>Generative</li> <li>Generative</li></ul>	
• Credentials     • Credentials     • Credentials     • Alth consent screen     • Alth Ey   • Getting     • Alth Big   • Alth Bi	
Image: Second Secon	
<ul> <li>der die spour project using a simple API key to check que for APIs like Soogle Calenda:</li> <li>Auto ciler II</li> <li>Requestioner on that your app can access the us for APIs like Soogle Calenda:</li> <li>Wie weith Soogle Calenda:</li> <li>Heip me choose</li> <li>Red P C 1277.00.011:50000</li> </ul>	
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← → C □ 127.0.0.1:5000/search	_
Please enter a search query!	-
Search for: Search!	



## Searching for **packt**: <u>Packt Publishing</u> (page)

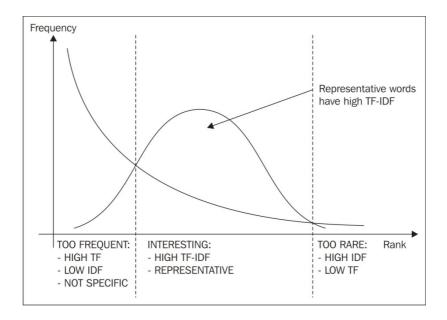
[PACKT]

Packt Video (page)



Packt Authors (page)





## Chapter 6: Questions and Answers on Stack Exchange

Google		why is python
		why is python <b>so popular</b> why is python <b>good</b> why is python <b>used</b> why is python <b>called python</b>
		Press Enter to search.
Google	why is pyth	on called python
	All Imag	es Videos Shopping News More <del>-</del> Search tools
	About 33,500	,000 results (0.40 seconds)
	reading th BBC com name tha call the la	began implementing <b>Python</b> , Guido van Rossum was also ne published scripts from "Monty <b>Python's</b> Flying Circus", a ledy series from the 1970s. Van Rossum thought he needed a t was short, unique, and slightly mysterious, so he decided to inguage <b>Python</b> .
		Python FAQ — Python 2.7.11 documentation s. <b>python</b> .org/2/faq/general.html

Feedback



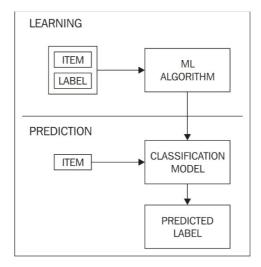
## **Register Your V2.0 Application**

**Application Name** 

Social Media Mining

Description

Test application to showcase examples on the book "Mastering Social Media Mining with Python"



## Chapter 7: Blogs, RSS, Wikipedia and Natural Language Processing

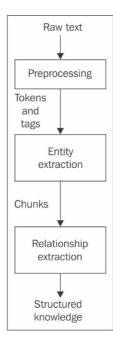
### >>> wikipedia.summary('London', sentences=2)

'London / 'l∧nd⊖n/ is the capital and most populous city of England and the United Kingdom. Standing on the River Thames in the south east of Great Britain, London has been a major settlement for two millennia.'

	NLTK Downloader		
Collections Corpora	Models All Packages		
Identifier	Name	Size	Status
abc	Australian Broadcasting Commission 2006	1.4 MB	installed
alpino	Alpino Dutch Treebank	2.7 MB	installed
averaged_perceptron_ta	Averaged Perceptron Tagger	2.4 MB	installed
basque_grammars	Grammars for Basque	4.6 KB	installed
biocreative_ppi	BioCreAtlvE (Critical Assessment of Information Extraction	218.3 KB	installed
bllip_wsj_no_aux	BLLIP Parser: WSJ Model	23.4 MB	installed
book_grammars	Grammars from NLTK Book	8.9 KB	installed
brown	Brown Corpus	3.2 MB	installed
brown_tei	Brown Corpus (TEI XML Version)	8.3 MB	installed
cess_cat	CESS-CAT Treebank	5.1 MB	installed
cess_esp	CESS-ESP Treebank	2.1 MB	installed
chat80	Chat-80 Data Files	18.8 KB	installed
city_database	City Database	1.7 KB	installed
cmudict	The Carnegie Mellon Pronouncing Dictionary (0.6)	875.1 KB	installed
comparative_sentences	Comparative Sentence Dataset	272.6 KB	installed
comtrans	ComTrans Corpus Sample	11.4 MB	installed
Download			Refresh

Server Index: https://raw.githubusercontent.com/nltk/nltk\_data/gh-pages/index.xml

Download Directory: /Users/marcob/nltk\_data



\_ \_ \_ \_ \_ Description of London London /'l $\Lambda$ nd $\partial$ n/ is the capital and most populous city of England and the United Kingdom. Standing on the River Thames in the south east of Great Britain, London has been a major settlement for two millennia. \_ \_ \_ \_ \_ Noun phrases in description: London  $/'1_{\Lambda}nd_{\Theta}n/$ capital # more nouns ... \_\_\_\_ Named entities in description: London: London /  $l_And_{\Theta}n/$  is the capital and most populous city of England and the United Kingdom. England: England / inglend/ is a country that is part of the United # # more entities ...

London, /ˈlʌndən/, capital, city, England, United Kingdom, Standing, River Thames, south east, Great Britain, London, settlement, and millennia.

## **Chapter 8: Mining All the Data!**



## YouTube Data API v3

The YouTube Data API v3 is an API that provides access to YouTube data, such as videos, playlists, and channels. Learn more

Try this API in APIs Explorer

Authorized applications

**Developer applications** 

### **Register a new OAuth application**

**Application name** 

Mastering Social Media Mining with Python

Something users will recognize and trust

**Homepage URL** 

http://localhost:5000

The full URL to your application homepage

### **Application description**

Testing the GitHub API

This is displayed to all potential users of your application

### Authorization callback URL

http://localhost:5000

Your application's callback URL. Read our OAuth documentation for more information.

**Register application** 

### Complete the following form to gain access to the Yelp API.

\$

### Your website URL:

http://127.0.0.1:5000

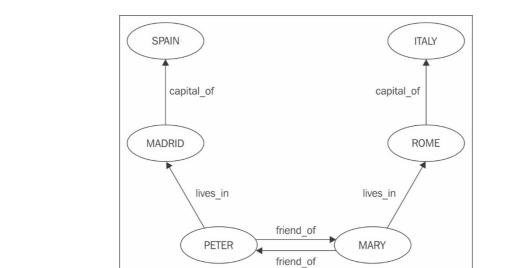
### How you will use the API:

Testing Yelp API capabilities

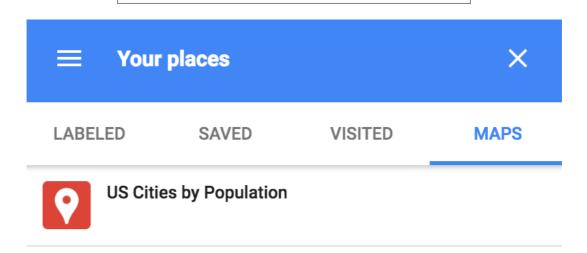
#### Industry:

Other

Publishing



## **Chapter 9: Linked Data and the Semantic Web**



**SEE ALL YOUR MAPS** 

