

## Project 2 – Proposal

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### Outline of the Project

- Team Name : Team Phono Sapiens
- Team Members : Paul Dean, Soobin Hwang, Seunghwa Jun
- Topic : Creating ① the Reference List DB and ② the Interactive Website

for the book titled << *Phono Sapiens Economics : The New 'Human-Centered' Digital Economics* >> which was published in Korean in this September and will be e-book published in English in January 2020.

(Team members' names will be listed in the 'Acknowledgements'.)

- Data Set : References of the book (will be manually created by the author)
- Database : SQLite of MongoDB
- Visualization : Menus, Dropdowns, D3.js / Plotly graphs and views.
- Github Repo : <https://github.com/SeunghwaJun/PhonoSapiens>



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### Relevant Visualization Examples

#### ① Menus, Dropdowns : Part / Chapter / Page / Institution / Language / Title / URL

Pages - William Ber... 새 탭 https://bootcamps... User Sh Jun - Stack... utoronto-bootcam... tth-class | UofTSTG... Your Repositories

# UFO Sightings

The Truth is Out There

Filter Search will have 5 buttons (Part / Chapter / Page / Institution / Language)

Dropdown will be applied for 4 buttons (Part / Chapter / Institution / Language)

Date	City	State	Country	Shape	Duration	Comments
1/1/2010	benton	ar	us	circle	5 mins.	4 bright green circles high in the sky going in circles then one bright green light at my front door.
1/1/2010	bonita	ca	us	light	13 minutes	Three bright red lights witnessed floating stationary over San Diego New Years Day 2010
1/1/2010	el cajon	ca	us	triangle	6 minutes	On New Years Eve I went outside to hear the celebration and fireworks in my neighbor hood. And noticed 3 red lights above my house and
1/1/2010	el cajon	ca	us	triangle	12 minutes	3 Red objects hovering over El Cajon CA
1/1/2010	fresno	ca	us	light	1 min	Fresno ca.L bright light hovers over head then vanished
1/1/2010	grants pass	or	us	triangle	a few mintues	Triangle shaped craft with three red lights at points hovering over Grants Pass&#44 Oregon.
1/1/2010	la mesa	ca	us	light	10 min	Three red lights over southern California that made a triangle shape
1/1/2010	lemon grove	ca	us	light	about 15 minutes	3 Red lights in line pattern above El Cajon/ East County.
1/1/2010	maricopa	az	us	unknown	3 minutes	One huge UFO or three seperate ones
1/1/2010	park city	ky	us	light	2-3 seconds	Lights orbiting the moon
1/1/2010	st. louis	mo	us	fireball	1 min	7 Floating orbs or fireballs moving from southwest to northeast direction.
1/1/2010	el cajon	ca	us	formation	15 min.	Three red lights over the San Diego area - IT&#39S A HOAX YET AGAIN&#33&#33
1/1/2010	spring valley	ca	us	light	10:00	Three bright red lights in a straight line formation
1/1/2010	willow	ak	us	formation	7 min	four orange red objects suddenly appear 12:01 am new years move north then south and disappear
1/1/2010	antioch	ca	us	other	30 minuets	Objects in sky over Antioch California 12:03AM January 1&#44 2010
1/1/2010	el cajon	ca	us	light	10min	3 red lights in sky new years 2010
1/1/2010	naples	fl	us	sphere	2 min	1&#39m in naples park. last night&#44 my husband and I were sitting outside --neighbors lighting off fireworks&#44 etc. We&#39re under a lanai and
1/1/2010	la mesa	ca	us	triangle	4-6 minutes	3 bright red lights hovering high in the sky in an elongated triangle pattern just after midnight 2010 in La Mesa&#44 Ca
1/1/2010	anchorage	ak	us	light	one minute	Upper atmosphere object moving south&#44 becoming stationary and later moving east at a high rate of speed.
1/1/2010	national city	ca	us	formation	25 mintues	3 red lights over the mountains in Eastern San Diego

Filter Search

Enter a Date  
MM/DD/YYYY

Enter a City  
City

Enter a State  
State

Enter a Country  
Country

Enter a Shape  
Shape

Filter Table

Reset Table

## ② Visualizing the Data : Number of references by Part, by Chapter, and by Institution

Base CSV data will be like this.

Institution	Total	Part 1	Part 2	Part 3	Part 4
A					
B					
C					
D					
E					
F					
G					
Etc					

Dropdown by Institution will show the total number of references of the institution, and each number of references by part.

=> Choose one institution!  
(Default McKinsey)

The total number of references of the top 7 Institutions will be visualized, and when clicking the institution name will like to its homepage.

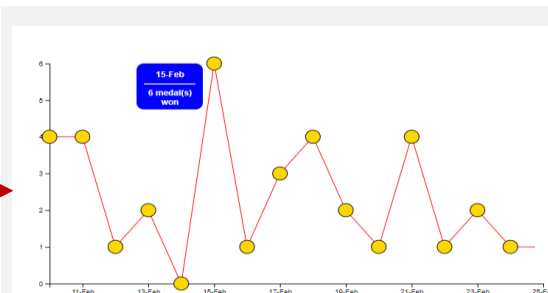
Test Subject ID No.: 940

**Demographic Info**

id: 940  
 ethnicity: Caucasian  
 gender: F  
 age: 24  
 location: Beaufort/NC  
 bbtype: I  
 wfreq: 2



Name of the institution will be at the background



Chosen institution's reference number by part will be shown.



Chosen institution's total number of the references will be shown, compared to the median number of references of the top 10 institutions.

### ③ Scraping the Data : Recent Reports/Tweets of the Institutions

# MISSION TO MARS

SCRAPE NEW DATA

Scraping Reports/Tweets of the Institutions

## LATEST MARS NEWS

### WHAT'S MARS SOLAR CONJUNCTION, AND WHY DOES IT MATTER?

NASA spacecraft at Mars are going to be on their own for a few weeks when the Sun comes between Mars and Earth, interrupting communications.

## FEATURED MARS IMAGE



## CURRENT WEATHER ON MARS

InSight sol 261 (2019-08-21) low -102.4°C (-152.4°F) high -26.6°C (-15.8°F) winds from the SSE at 4.9 m/s (11.0 mph) gusting to 16.0 m/s (35.8 mph) pressure at 7.70 hPa

## MARS FACTS

	VALUE
DESCRIPTION	
DIAMETER:	6,779 km
MASS:	$6.39 \times 10^{23}$ kg
MOONS:	2
DISTANCE FROM SUN:	227,943,824 km
LENGTH OF YEAR:	687 Earth days
TEMPERATURE:	-153 to 20 °C

