

## Feedback — Module 5 Concepts problem set

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You submitted this quiz on **Mon 27 Oct 2014 2:10 PM PDT**. You got a score of **13.00** out of **16.00**.

### Question 1

Google does not use any VGI in Google Maps because of concerns about accuracy:

Your Answer	Score	Explanation
<input type="radio"/> True		
<input type="radio"/> True, but the concerns are about coverage, not accuracy		
<input checked="" type="radio"/> False	✓ 1.00	
Total	1.00 / 1.00	

#### Question Explanation

Google gathers peer-production VGI quite similar to that in OpenStreetMap through its Google Map Maker program.

### Question 2

Which of the following is NOT an example of VGI?

Your Answer	Score	Explanation
<input checked="" type="radio"/> a) <a href="http://findagrave.com">findagrave.com</a> (Hint: see <a href="http://en.wikipedia.org/wiki/Find_a_Grave">http://en.wikipedia.org/wiki/Find_a_Grave</a> )		
<input type="radio"/> b) County polygons from the U.S. census		

☐ c) This New York Times article about Berkeley, CA ("36 Hours in Berkeley, Calif."): <http://nyti.ms/1wd6olR>

☐ d) Geotagged Wikipedia articles

☐ a, b, and c

☒ b and c

✓ 1.00

Total

1.00 /  
1.00

#### Question Explanation

Data produced by governments and other large organizations is not usually considered VGI.

### Question 3

Only people who work at Twitter can access the geotags in geotagged tweets

**Your Answer**

**Score**

**Explanation**

☐ True

☒ False

✓

1.00

Total

1.00 / 1.00

#### Question Explanation

Anyone can access the geotags in geotagged tweets they download by using the Twitter API.

### Question 4

Which of the following are examples of peer-production VGI?

**Your Answer**

**Score**

**Explanation**

- ☐ a) Geotagged tweets
- ☐ b) OpenStreetMap data
- ☐ c) Geotagged photos
- ☐ d) Geotagged Wikipedia articles

☐ a and b

☒ b and d



1.00

☐ c and d

Total

1.00 / 1.00

#### Question Explanation

Geotagged tweets and geotagged photos are generally considered social media VGI.

## Question 5

Which of the following scenarios is most likely to end in failure?

**Your Answer**

**Score**

**Explanation**

☐ Downloading Wikipedia VGI

☐ Downloading Twitter data using the Twitter API

☐ Using the Instagram API to access geotagged Instagram photos

☒ Building your own online community to collect VGI that is not available elsewhere



1.00

Total

1.00 /  
1.00

#### Question Explanation

Building successful online communities is very difficult, and requires overcoming a large number of challenges (e.g. carving out a niche; see lecture videos for more details).

## Question 6

According to Morstatter et al., which of the following statements is correct?

Your Answer	Score	Explanation
<input type="radio"/> Only a very small percentage of geotagged tweets are included in the Twitter Streaming API		
<input type="radio"/> Almost all tweets are included in the Twitter Streaming API		
<input checked="" type="radio"/> Almost all geotagged tweets are included in the Twitter Streaming API	✓ 1.00	
Total	1.00 / 1.00	

### Question Explanation

Morstatter et. al. (2013) found that the Twitter Streaming API contains about 90% of all geotagged tweets, but less than 1% of all tweets.

## Question 7

With respect to space and place, VGI is thought to be...

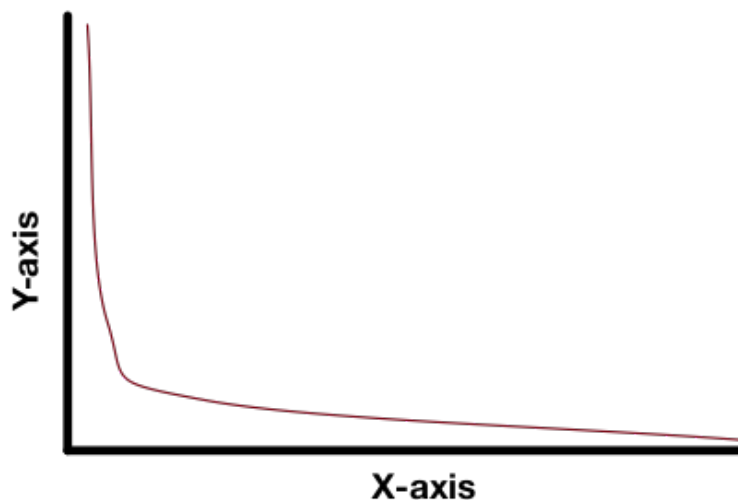
Your Answer	Score	Explanation
<input type="radio"/> an unprecedented source of spatial information		
<input checked="" type="radio"/> an unprecedented source of platial information	✓ 1.00	
<input type="radio"/> limited in terms of its "platial" information		
Total	1.00 / 1.00	

**Question Explanation**

Social media VGI has unprecedented amounts of platial information

## Question 8

Choose the most appropriate labels for the x- and y-axis in the graph below.



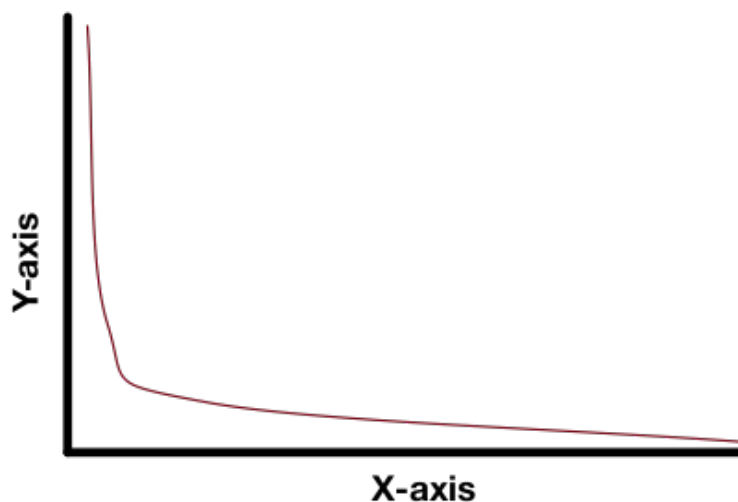
Your Answer	Score	Explanation
<input type="radio"/> Y-axis = popularity of most VGI-producing social media communities, X-axis = time		
<input type="radio"/> Y-axis = number of users in a VGI-producing online community, X-axis = number of contributions per user		
<input checked="" type="radio"/> Y-axis = popularity of most peer-production VGI communities, X-axis = time	✖ 0.00	
Total	0.00 / 1.00	

### Question Explanation

In the lecture videos, we discussed that most VGI is submitted by a small percentage of users in any VGI-producing online community.

## Question 9

Based on the material in the lecture videos, what is another possible pair of axis labels for the graph below?



Your Answer	Score	Explanation
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<input type="radio"/> Y-axis = Number of concepts that have articles in a given number of Wikipedia language editions, X-axis = Number of language editions		
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<input checked="" type="radio"/> Y-axis = Number of Wikipedia editors, X-axis = time	✗ 0.00	
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Total	0.00 / 1.00	
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#### Question Explanation

In the lecture videos, we discussed how most articles in Wikipedia are about concepts that are covered by articles in only one Wikipedia language edition.

## Question 10

In the United States, Foursquare observes roughly the same number of check-ins per capita in urban areas and rural areas.

Your Answer	Score	Explanation
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☐ True

☒ False



1.00

Total

1.00 / 1.00

### Question Explanation

There are more than 24x Foursquare users per capita in urban areas than rural areas and more than 23x check-ins per capita (in the United States).

## Question 11

If someone were to vandalize the geotagged “University of Wisconsin–Madison” English Wikipedia article by changing the first sentence to:

“The University of Wisconsin–Madison is a decent university, but pales in comparison to the University of Minnesota, which is in a state where the cheese is better than in Wisconsin.”

Which is most likely to occur?

### Your Answer

Score

Explanation

☐ a) ...the vandalism would remain in the article for several months.

☐ b) ...the police would be notified

☐ c) ...the University of Minnesota would be warned by the Wikimedia Foundation, which runs Wikipedia

☒ d) ...the vandalism would be corrected very quickly



1.00

☐ b and d

☐ c and d

Total

1.00 /

1.00



**Question Explanation**

While the University of Minnesota is clearly better than the University of Wisconsin ☺, this text is not encyclopedic for a number of reasons, including its lack of reliable sources. As we discussed in the video lectures, vandalism like this, especially on often-visited pages like “University of Wisconsin-Madison”, is quickly corrected.

**Question 12**

Which of the following statements about accuracy in VGI is most correct:

Your Answer	Score	Explanation
<input checked="" type="radio"/> Many studies have found that peer-production VGI is generally pretty accurate	✓ 1.00	
<input type="radio"/> Many studies have found that peer-production VGI has major accuracy problems		
<input type="radio"/> When the data are comparable, government data is almost always more far more accurate than VGI		
<input type="radio"/> Wikipedia is highly accurate, but OpenStreetMap is much less so		
Total	1.00 / 1.00	

**Question Explanation**

As we saw in the lecture videos, study after study has shown that when VGI communities strive for accuracy, they do a pretty good job.

**Question 13**

Let's say you ran a study on 1GB of tweets for your company and the results are very favorable for your company. Your boss then asks you to post the tweet dataset to the web so that others can verify the accuracy of your study. What is the primary problem with your boss' request?

Your Answer	Score	Explanation
<input type="radio"/> Application Programming Interface (API) limitations prevent people from posting datasets of many types of social media VGI, including geotagged tweets.		
<input type="radio"/> Having thousands of people download a 1GB file will overload your company's servers		
<input checked="" type="radio"/> Only academics can run studies using Twitter data for free; companies must pay a lot of money to do this	✗ 0.00	
Total	0.00 / 1.00	

**Question Explanation**

We discussed API limitations in the "Pros" section of the Pros and Cons of VGI lecture.

**Question 14**

A geotag attached to a piece of content usually consists of...

Your Answer	Score	Explanation
<input type="radio"/> latitude and longitude coordinates for the places mentioned in the content		
<input type="radio"/> polygonal representations of places mentioned in the content		
<input checked="" type="radio"/> the latitude and longitude coordinate of the location where the content was generated (e.g. where a photo was taken)	✓ 1.00	
<input type="radio"/> the closest street intersection to the location where the content was generated (e.g. where a photo was taken).		
Total	1.00 / 1.00	

**Question Explanation**

See the first video for more on geotags.

## Question 15

According to Goodchild, VGI has no historical precedent.

Your Answer	Score	Explanation
<input type="radio"/> True		
<input checked="" type="radio"/> False	1.00	
Total	1.00 / 1.00	

**Question Explanation**

Goodchild leads off this week's required reading with a discussion of how the process by which North and South America got their names is an "echo" of VGI.

## Question 16

According to Goodchild, which of the following are technologies that helped to enable the VGI revolution:

Your Answer	Score	Explanation
<input type="radio"/> a) the mouse		
<input type="radio"/> b) the iPhone		
<input type="radio"/> c) GPS		
<input type="radio"/> d) location-based services		
<input type="radio"/> e) broadband communication		

☐ b and c☒ c and e

1.00

Total

1.00 / 1.00

**Question Explanation**

See pages 3-5 of the required reading this week.

