

Aggregation Module

This document describes the sample inputs / outputs and aggregation methods for:

1. The initial questionnaire HIT which collects the primary data
2. The upvotes survey which collects ranking data

Initial Survey

Sample Input for Initial Survey:

The HIT for the initial survey asks workers questions to gather locations, descriptions, and photographs. A sample input would include answers to the following questions:

- 1.) What city do you live in?
- 2.) What is a hidden gem in your city/local area? (A restaurant, place, overlooked tourist attraction etc. that isn't very well known) Please provide a specific location.
- 3.) What type of location is this? (Radio Button answers with 'Other' text box option)
- 4.) Best time to visit (if applicable)? (Fill in the blank)
- 5.) Please provide a description of why you recommend this hidden gem. (Minimum 10 words)
- 6.) Please rate how popular this location is. (Scale from 1 to 10, 1 being unpopular, 10 being popular)
- 7.) If you are willing for a photograph taken by yourself to be displayed on a website, please upload a photograph you have taken at this location. Please do not upload photographs taken by other people. Alternatively, upload a photograph taken at a location near the location you have recommended.

Sample Output for Initial Survey:

Worker ID	city	hidden_gem	location_type	best_visit_time	description	popularity	photo		Accept/Reject (this column does not appear in data)
A1ZGQ C0J00 M69	Philadelphia, PA	Penn Museum	Museum	Fall	This museum has a huge sphinx and tons of cool historic artifacts.	8	img1.jpg		Accept
AOBTF LJU2B EPR	Philadelphia, PA	The Shofuso House	Cultural/heritage site	Spring	Gardens are pretty.	4	img2.jpg		Reject because description is not a minimum of 10 words.

A3GS6 QRW0 NDZ	Nicholasville, KY	Kentucky River Palisades	Natural/wilderness reserve or area	Summer	It's fun to kayak and canoe there, and the woodlands are beautiful.	6			Accept
----------------------	-------------------	--------------------------	------------------------------------	--------	---	---	--	--	--------

Upvotes Survey

Upvotes Survey: Turkers will be asked a series of questions regarding previous answers to see if they validate the response('upvote' the location), invalidate the response, or neither. The format will be mostly boolean answers (True= Yes, False =No) and the upvotes survey as a whole will assist in aggregating data so that we can ensure we are using the most appropriate/accurate data.

Sample UPVOTE Hit:

Location: Lou Malnati's Pizzeria, Chicago, Illinois

Do you live in ILLINOIS?

- Yes
- No

If yes:

The above location is a tourist destination / eatery in your state. Choose one of the following options that best represents your relation to the destination. (Radio buttons)

- I have been there
- I haven't been there, but I have heard of it
- I have never heard of it

If you have never heard of it, research it online.

Based on your knowledge, do you recommend/recommend against going there? (Radio buttons)

- Yes
- No

Please provide a description of why you recommend/recommend against going there. (minimum 50 words)

Sample Input for Upvotes Survey:

The HIT for the upvote asks workers a question to validate a given location. Answers will be mostly booleans, with a final question for a description of a recommendation. A sample input would include:

- 1.) Boolean to check if Worker lives in same state as location
- 2.) Relationship to destination (positive/negative/indifferent)
 - a.) Positive = A
 - b.) Negative = B
 - c.) Indifferent = C
- 3.) If indifferent, research online and positive/negative relationship
- 4.) Description of recommendation/anti-recommendation

Sample Output for Upvotes Survey:

Worker Id	LivesInState	Relationship to Destination	If Indifferent, Research online and give relationship: research	Description of Recommendation/anti-recommendation: description		Accept/Reject (this column does not appear in data)
A1ZGQ C0J00 M69	TRUE	A	--	Great Pizza Shop. Everyone should go here.(length is 50 words)		Accept
A3GS6 QRW0 NDZ	FALSE	--	--	--		Reject because Worker is not in state
AOBTF LJU2B EPR	TRUE	B	--	Horrible pizza shop. (not 50 words)		Reject because response is not a minimum of 50 words.
A3GS6 QRW0 NDZ	TRUE	C	A	Pizza shop is good, but not the best deep dish I've ever had. I don't think it should be called a hidden gem of the city. (length is 50 words).		Accept.