



TRAINING SESSION 8B:

ADVANCED TECHNIQUES FOR CAPTURING HIGH QUALITY DATA IN THE FIELD

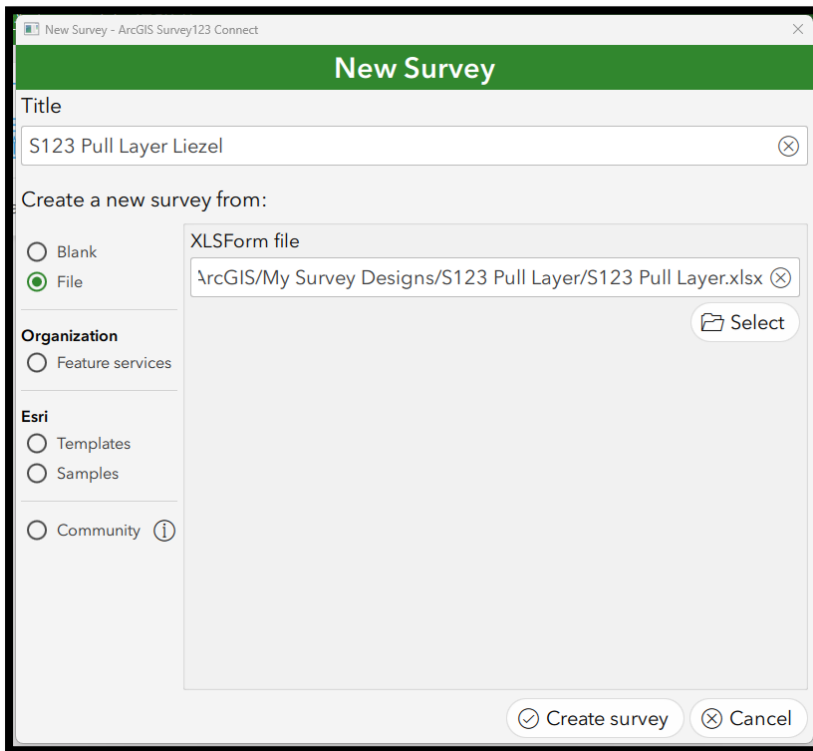
Hands-On Training Guide

October 2023

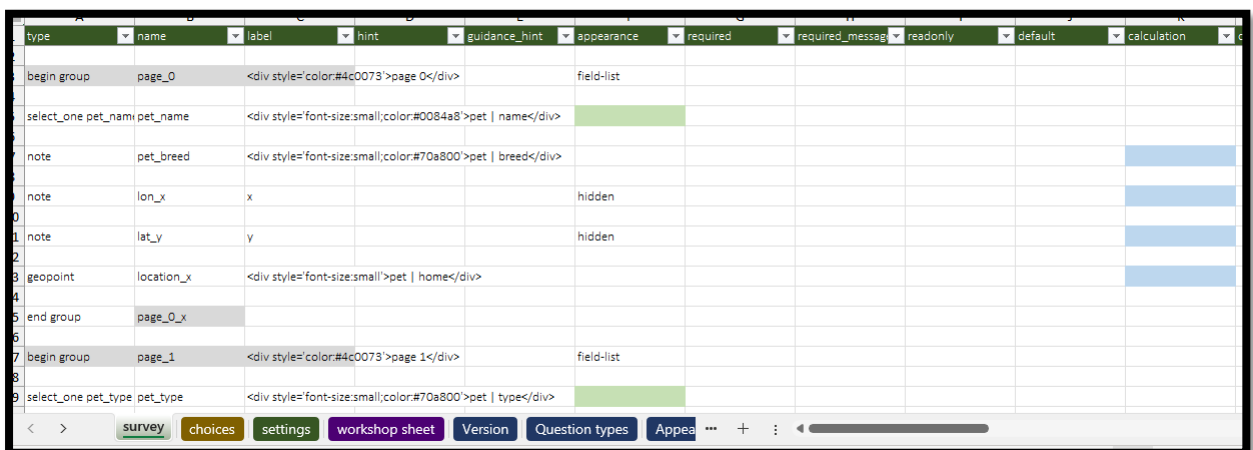


Dynamic List and Deep Learning:

1. AGOL < Download < S123 Pull Layer
2. ArcGIS Survey123 Connect < New Survey < File < Select



3. Update spreadsheet (Workshop 2 Survey)

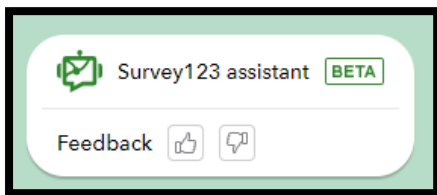


type	name	label	hint	guidance_hint	appearance	required	required_message	readonly	default	calculation
begin group	page_0									
		<div style=color:#4c0073>page 0</div>			field-list					
select_one	pet_name	pet_name			<div style=font-size:small;color:#0084a8>pet name</div>					
note	pet_breed	pet_breed			<div style=font-size:small;color:#70a800>pet breed</div>					
note	lon_x	x			hidden					
note	lat_y	y			hidden					
geopoint	location_x				<div style=font-size:small>pet home</div>					
end group	page_0_x									
begin group	page_1									
		<div style=color:#4c0073>page 1</div>			field-list					
select_one	pet_type	pet_type			<div style=font-size:small;color:#70a800>pet type</div>					

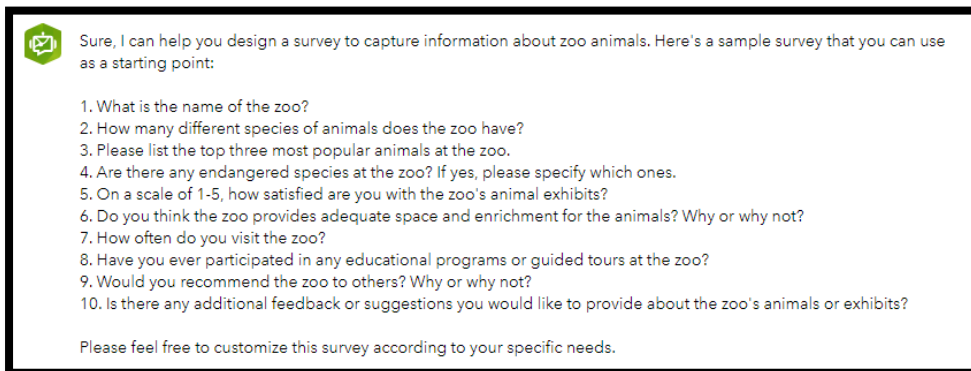
4. Test < Survey123 Connect

Assistant (Large Language Model – Human-like Conversation):


1. AGOL < App Launcher < Survey123
2. Update < <https://survey123beta.arcgis.com/>
3. New Survey < Web Designer < Blank Survey



4. Survey123 Assistant < Continue
5. Type < Create a survey to capture zoo animals



6. Type < Add a list of animal species to question 2

 Certainly! Here's an updated version of the survey with a list of animal species for question 2:

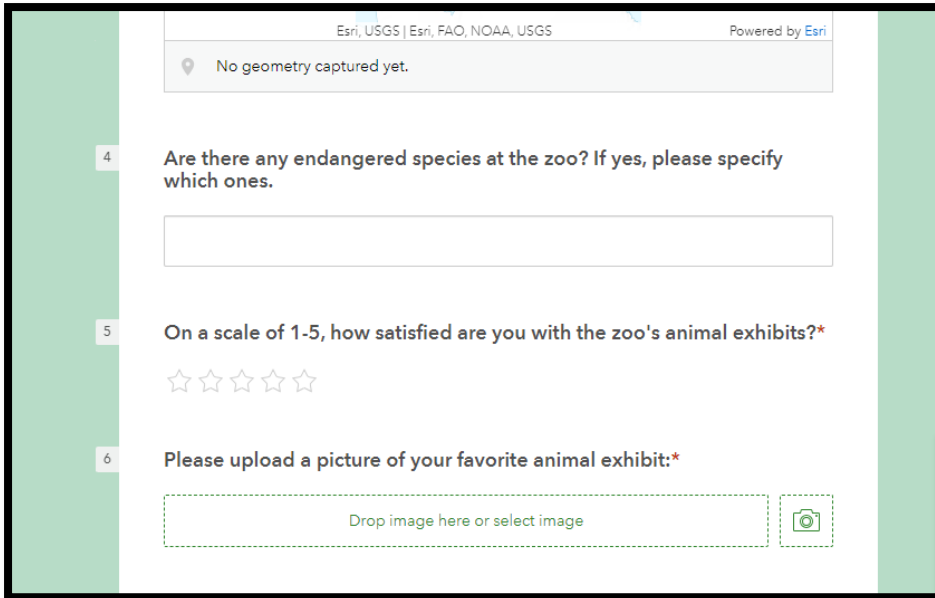
1. What is the name of the zoo?
2. How many different species of animals does the zoo have? Please select from the following list of animal species (you can select multiple options):
 - Lions
 - Tigers
 - Giraffes
 - Elephants
 - Penguins
 - Polar bears
 - Gorillas
 - Zebras
 - Dolphins
 - Kangaroos
 - Koalas
 - Snakes
 - Birds (please specify in the comments section)
 - Other (please specify in the comments section)
3. Please list the top three most popular animals at the zoo.
4. Are there any endangered species at the zoo? If yes, please specify which ones.
5. On a scale of 1-5, how satisfied are you with the zoo's animal exhibits?
6. Do you think the zoo provides adequate space and enrichment for the animals? Why or why not?
7. How often do you visit the zoo?
8. Have you ever participated in any educational programs or guided tours at the zoo?
9. Would you recommend the zoo to others? Why or why not?
10. Is there any additional feedback or suggestions you would like to provide about the zoo's animals or exhibits?

Feel free to modify this survey and add or remove animal species based on the specific animals present at your zoo.

7. Remove & add questions (picture, location)

8. Generate

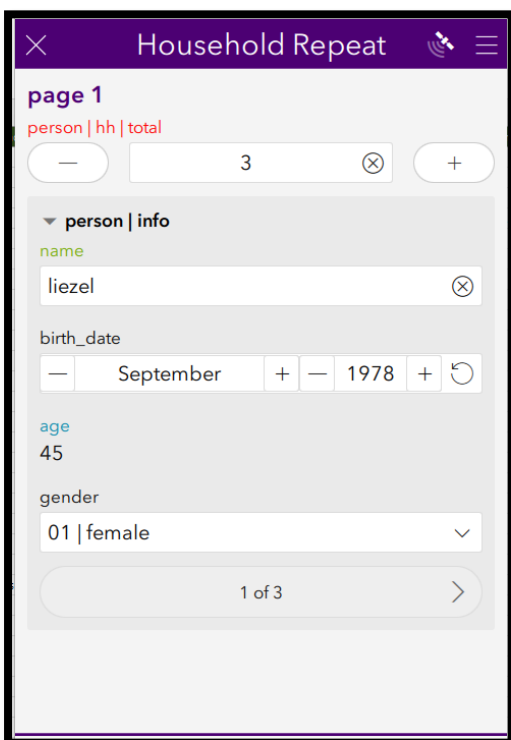
1. What is the name of the zoo? *
2. How many different species of animals does the zoo have? *
 - Lions
 - Tigers
 - Giraffes
 - Elephants
 - Penguins
 - Polar bears
 - Gorillas
 - Zebras
 - Dolphins
 - Kangaroos
 - Koalas
 - Snakes
 - Birds (please specify in the comments section)
 - Other (please specify in the comments section)
3. Please mark the locations of your favorite animal exhibits on the map below: *
4. Are there any endangered species at the zoo? If yes, please specify which ones.
5. On a scale of 1-5, how satisfied are you with the zoo's animal exhibits? *
 - 1
 - 2
 - 3
 - 4
 - 5
6. Please upload a picture of your favorite animal exhibit: *
7. Have you ever participated in any educational programs or guided tours at the zoo? *



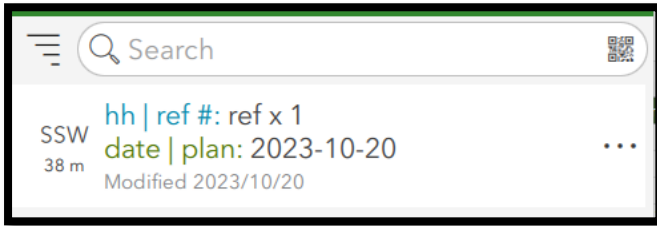
9. Edit / update survey

Inbox & Repeat (Index):

1. ArcGIS Survey123 (Windows App) < Sign In < Download Survey
2. Capture < Record



3. Inbox < Refresh

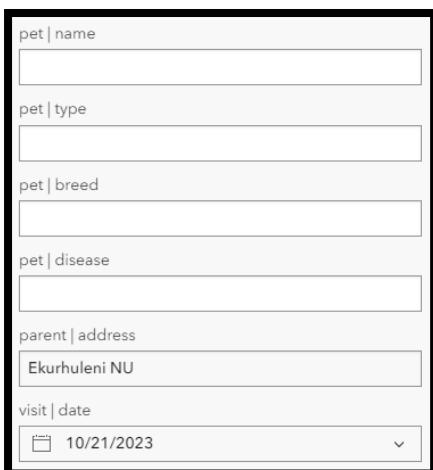


4. Explore < Excel



Smart Forms < Arcade

1. AGOL < Pet Arcade Web Map
2. Edit < Pet | Visits < New Feature



Script:

```
var sub_places = FeatureSetByName($map, 'Boundary | Sub Places')
```

```
var pet = $feature.parent_address
```

```
var intersect_pet = Intersects($feature, sub_places)
```

```
pet = First(intersect_pet).Sub_Place_Name
```

```
return pet
```