

GS2728-R

Finding the Needle in a Haystack

Summary:

1. Survey Queries
 - a. Isolate data using the Locate on Map tools
 - i. Inside Rectangle
 - b. Filter the data down by comparing values in the properties
 - i. MTFCC = S1200
 - ii. MTFCC = S1400
 - c. Combine Queries
 - i. Use "AND" or "OR"
 1. Everything grouped with an "AND" will be considered one Query
 2. "OR" will divide items into separate groups
 - d. Complex Queries
 - i. Compare one entity to several other entities
 1. Entity1 = value AND Entity2 = value1 or
 2. Entity1 = value AND Entity2 = value2
 3. Combine Entity 2 and 3 with parentheses
 4. Entity1 = value AND (Entity2 = value1 or Entity2 = value2)
 5. Use the IN function to reduce the input
 - a. Entity1 = value AND Entity2 IN(value1, value2)
2. Thematic Themes
 - a. Color the GIS Data based on values from a column.
 - i. 5 different criteria to arrange data
 1. Equal, Standard Dev, Quantile, Jenks, Individual Values
 - a. Pick the one that will skew the data to your favor
 - ii. Color Palettes
 1. Select a palette that best represents your data
 - a. Bright colors for data you want to stand out
 - b. Dull colors for data you want in the background
 - iii. Legend
 1. Change the range of each rule to manipulate the output
 - a. Increasing or decreasing the values can skew your data in your favor.
3. Counters
 - a. Do not have the ability to count how many time an Entity is referenced.