University of California, San Diego Extension Guangzhou University Summer 2019 GIS Program

Day 03 - Activities: Querying Attribute Data and Spatial Selection

Lecture (in class):

- Lecture 3: Attribute Query and Spatial Selection (PDF)
- Demonstration: Construct attribute queries

Lab (in class):

- Lab 3: Explore your data
- Case Study: Are there suitable sites for distribution center?
 - Story Map: Grocery Distribution Center Location Analysis

Reading:

- ArcGIS Pro Documentation:
 - Write a query in the query builder
 - o Select features using attributes
 - Select features by location
- Info-Sheet:
 - Field Data Types
- GIS An Introduction (McHaffie and Hwang, 2019)
 - o Chapter 6: Data Models (pp 144-160)

Research:

- Story map: How to smart map
- Blog article: How to color your map by attribute

ArcGIS Online Lesson (optional):

 Case Study: <u>Are there suitable sites for distribution center?</u> (same as above, but in ArcGIS Online)