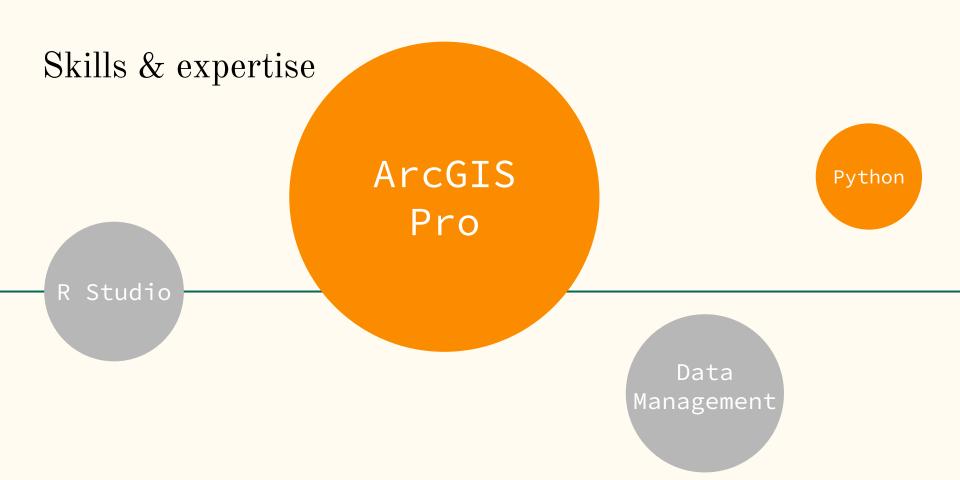
### Nikol Larsen

Geospatial Technology Portfolio

#### About me

I'm passionate about building great maps and working with data. I have a Bachelors of Science in Geography from Utah State University and currently working on my Masters in Geospatial Technology from the University of Oklahoma.

I grew up in Utah, am an avid hiker, and love being in the great outdoors.

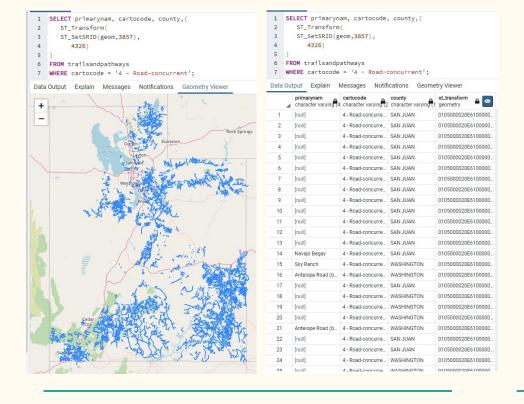


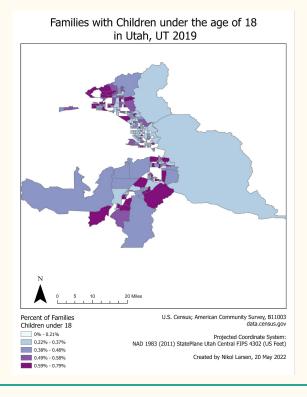
# Portfolio samples

## Florida Airports In 2015

In this project we were given the data for the airports in Florida and the counties in the United States. We needed to single out Florida and plot the airports throughout the state. From there we needed to build a presentable map.







#### PostGIS Hiking Trails in Utah

Using SQL to find the different concurrent trails in Utah.

#### Family Types in Utah 2019

Mapped the census data for Utah County for 2019 that shows the families that have children under the age of 18.

# Career highlights

#### **Development Analysis**

Open Mountain Energy, UT August 2022 - Present

#### GIS Tech

Vivint, UT May 2015 - September 2015

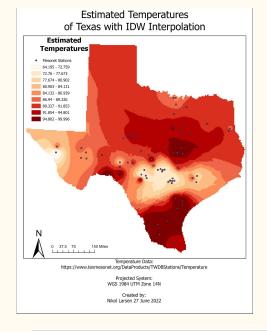
#### GIS Tech

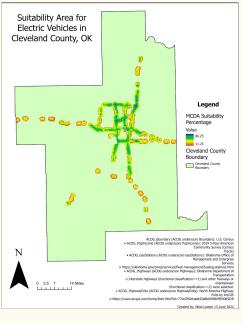
VSolvit, Remote January 2014- April 2015

## Projects

Cluster/Outlier Analysis of Chicago, Illinois's Crime Density per Square Mile Esri, NASA, NGA, USGS, FEMA Cluster/Outlier Crime data: https://data.cityofchicago.org/PublicSafety/Crimes-Map/ **Analysis** dfnk-7re6 High-High cluster Projected System: High-Low outlier NAD\_1983\_StatePlane\_Illinois\_East\_FIPS\_1201\_Feet Low-High outlier Low-Low cluster Created by: Nikol Larsen 21 June 2022

Not significant





```
In [1]: 1 # Creating a user input of the types of trails a user would like to go on.
2 # This will produce a group of trails within each Carto Cade to give a list of trail names to adventure on.
3 # Import modules
5 Import arcpy
6 from arcpy import ercy
7 # Set workspace = proceed to give a list of trail names to adventure on.
7 # Set workspace = proceed to give a list of trail names to adventure on.
8 # Set workspace = proceed to give a list of list of give a list of what each Carto Cade Stands for:
10 out_workspace = proceed to give a list of what each Carto Cade stands for:
11 # Set up local variables
12 # Set up local variables
13 # List of what each Carto Cade stands for:
14 # 2 * List of what each Carto Cade stands for:
15 # 2 * List of give and Sking and Skin
```

#### Contact

#### Nikol Larsen

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nikollarsen@hotmail.com

