United States Campsites

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Data Analytics

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Executive Summary

This dataset represents the location and amenity information for campsites around the United States listed on a website. The website allows users to view all available US public campgrounds. It is the most comprehensive guide to Federal, State, and Local campgrounds. This allows prospective travelers to view latitude/longitude coordinates for GPS or phone directions, campground amenities, phone numbers and web links for both the campground and its reservation system. Essentially, this analysis would help travelers by giving them the most complete, accurate and well-mapped public campground directory.

Data Sources

The data for this project is an open source data downloaded from:

[Campgrounds in the US and Canada - dataset by caroline | data.world](#)

Limitations and Ethics

- There are a lot of abbreviations used throughout the data set. I will need to research and discover what all of the abbreviations mean.
- The data set information is from 2014. The information could possibly be outdated at this point.

Data Cleaning and Data Consistency Checks

- Drop columns - phone and code
- Rename column type to park_type
- Check for mixed data type
- Check for missing data
- Check for duplicate data

Data Profile

- Number of rows and columns in cleaned data set: (5097, 13)
- Number of rows and columns in original data set: (11408,15)

Column Details

Column	Column Description	Data Type	Time Variant
Longitude	Longitude location	Quantitative, Continuous	No
Latitude	Latitude location	Quantitative, Continuous	No
Name	Name of park	Qualitative, Nominal	No
Park Type	The type of park listed	Qualitative, Nominal	No
Dates Open	The dates the parks are open throughout the year	Qualitative, Nominal	Yes
Comments	Customer comments	Qualitative, Nominal	No
Number of Sites	Number of campsites in the park	Quantitative, Discrete	No
Elevation	The elevation level of the park	Quantitative, Discrete	No
Amenities	Amenities available at each park	Qualitative, Nominal	No
State	The state where the park is located	Qualitative, Nominal	No
Nearest Town Distance	Nearest town to campsite	Qualitative, Nominal	No
Nearest Town Bearing (Direction)	Nearest cardinal direction of nearest town	Qualitative, Nominal	No

Questions to Explore

1. What are the top 5 campsites travelers like to visit?
2. Do the amenities offered impact the number of visitors?
3. Are campsites closer to town more popular than campsites farther away from town?
4. Do campers like to visit campsites that are open all year more than seasonal campsites?
5. Which type of campsite do people like to visit more (Federal, State, or Local)?