# Capstone Project Proposal

## Problem to Solve

Find the most eco-friendly locations in the city of Raleigh, NC

## I am the client. My fiancé and I are looking for an eco-friendly house in a progressive community.

There is no formal real estate documentation that identifies eco-friendly housing. We have to go to each listing and search the details to find features we want. It is extremely time consuming.

## Data for this Project

I am using data from Raleigh’s Open Source Reports. I found LEED certification data for projects identified since 2014. I also have all building permit data for the last few years. Electric vehicle charging stations or locations is also available.

## Approach to Solve Problem

I plan to pull multiple data sets that identify as eco-friendly, ie. Electric vehicle charging stations or LEED certifications. I will use the longitude / latitude to locate them on the Raleigh map so that I can see the locations on which I can focus my search for an eco-friendly home.

## Deliverables

* Map of Raleigh identifying eco-friendly project locations
* Code used in project.
* Presentation with visual information.
* Summary / Report of project