

# Week 8

# Spatial Autocorrelation

Course Zoom

February 26, 2024



# Let's pull

First, grab the course material, and "pull" it into your JupyterHub:

- [UP221 Git Puller](#)

(This link will automatically launch JupyterHub and clone the course material into your directory).

Note that you have to do this at the start of every lecture to get the latest material.



\*Note that this course will be recorded



# A car is not a home

*New York Times*  
publication





A *Car* Is  
Not a Home



# A *Car* Is Not a Home

By Christopher Giamarino  
Photographs by Ricardo Nagaoka

When Americans lose their housing, their cars are often the first place they turn. The federal government doesn't collect data specifically on vehicular homelessness, but recent studies show that over 40 percent of unsheltered people in Los Angeles County live in their vehicles — cars, vans, campers and R.V.s. The cold reality: Finding a safe place to park is a challenge, made worse by a web of complicated ordinances that in much of the country make sleeping and living in your car illegal, with towing and expensive tickets a constant worry.

The Los Angeles area is home to the nation's largest population of "vehicle dwellers." One nonprofit, [Safe Parking L.A.](#), has set up in parking lots across Los Angeles in response, allowing people to stay in their cars during the night when businesses are closed, providing amenities like restrooms, security guards and sometimes even financial services and opportunities to find shelters and housing.

We spoke with people in one such parking lot, sandwiched between the Los Angeles airport runway and industrial land. The people staying there shared why they're living in their cars, and what they need to get back into housing.









# Today's Agenda

Lab: Part 1

# Spatial Autocorrelation



# Group Assignment

There are NO deliverables for the groups this week. But PROMISE that you will meet with your partners, and make progress on any of the materials gearing up for the final project. You will be asked to submit a draft of your final project materials by Week 10. You may choose to:

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- Clean up/update your project proposal
- Clean up/update your Jupyter Notebooks and data visualization outputs
- Create new notebooks with additional content that adds to your project
- Plan for the final project presentation
- Meet with your instructors to discuss your project
- Post on the slack channel!
- **Extra credit group assignment.** Will count toward missing one missing assignment from quarter.

