Lab #1

Lab 1D, TA Cindy
Wednesdays 9:00-9:50a

Meet your TA!!!

Name: Cindy J. Pang

Pronouns: she/her

“Job”: 1st Year PhD student in the Department of Biostatistics at UCLA

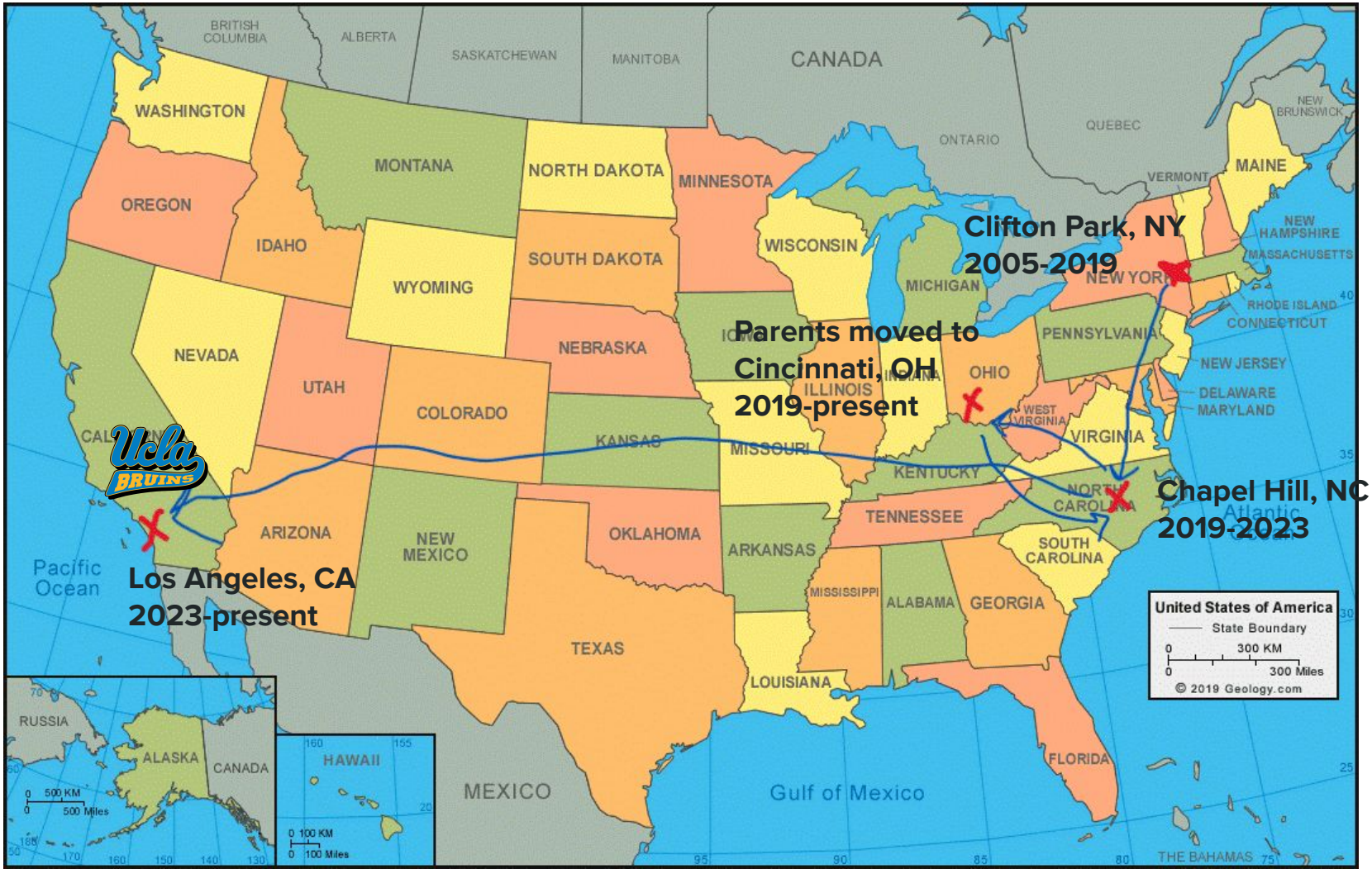
Previously:

- **Undergraduate @ UNC-Chapel Hill,** where I double majored in **Mathematics and Biostatistics (Gillings School of Public Health)** with a **minor in English Literature (American/British Lit)**
- I was a **Residential Advisor (RA)** for 3 years and was an **Undergraduate Research Assistant** at the **Carolina Population Center** for 2 years

Hometown: Clifton Park, NY

Likes: Dogs, Carolina Basketball, Matcha/Tea, Reading, Swimming, Yoga, Taylor Swift

Dislikes: Socks (I will never wear socks unless I need them), Messy Spaces, DOOK (Duke)


Clifton Park, NY
2005-2019
Parents moved to
Cincinnati, OH
2019-present
Chapel Hill, NC
2019-2023
Los Angeles, CA
2023-present
United States of America
State Boundary
0 300 KM
0 300 Miles
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CANADA
MEXICO
Gulf of Mexico
Pacific Ocean
Atlantic
WASHINGTON
OREGON
CALIFORNIA
NEVADA
IDAHO
MONTANA
WYOMING
UTAH
ARIZONA
COLORADO
NEW MEXICO
NORTH DAKOTA
SOUTH DAKOTA
NEBRASKA
KANSAS
OKLAHOMA
TEXAS
MINNESOTA
IOWA
MISSOURI
ARKANSAS
LOUISIANA
WISCONSIN
ILLINOIS
MICHIGAN
INDIANA
OHIO
KENTUCKY
TENNESSEE
MISSISSIPPI
ALABAMA
GEORGIA
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SOUTH CAROLINA
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CONNECTICUT
NEW JERSEY
DELAWARE
MARYLAND
ONTARIO
QUEBEC
NEW BRUNSWICK
BRITISH COLUMBIA
ALBERTA
SASKATCHEWAN
MANITOBA
THE BAHAMAS
RUSSIA
ALASKA
CANADA
HAWAII
0 500 KM
0 500 Miles
0 100 KM
0 100 Miles

Housekeeping

My Contact

Email: cindypang@g.ucla.edu

Office Hours: Fridays, 2-3pm on Zoom (https://ucla.zoom.us/my/cindyjpang) or by appointment

Grading Rubric

- **5/5** if the Lab is **Completed**. Mistakes are totally fine, as long as there's work for all the problems
- **(1-4)/5** partial completion with **1/5** corresponding to a **20%** completion and **4/5** corresponding to a **80%** completion
- **0/5** if there's like absolutely **no work** or what you turned in **is blank**

When are assignments due? Extension policy for labs?

For Lab 1D, your assignments are **due on Canvas Wednesday 9am, BEFORE LAB!!!**

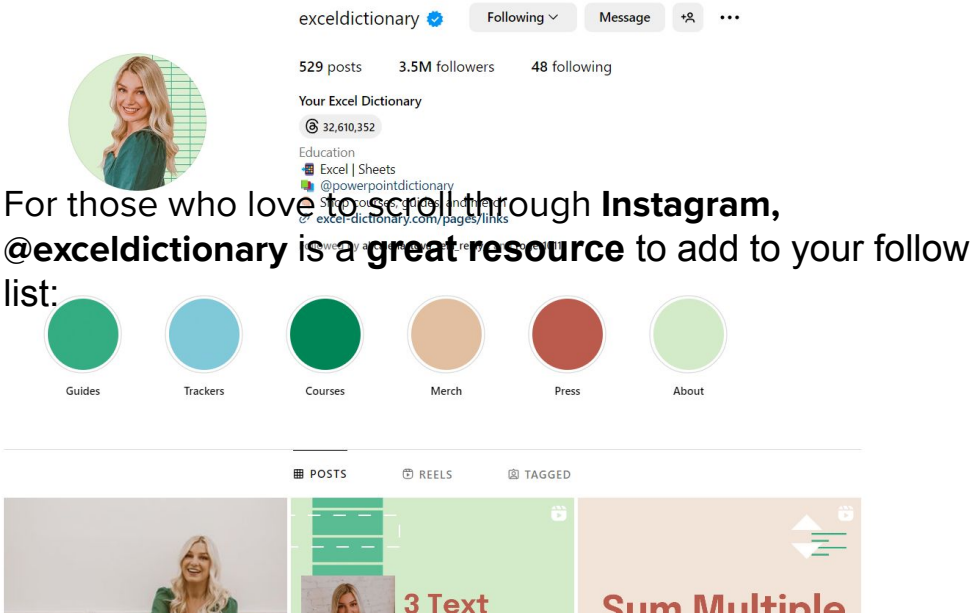
For Visiting Scholars, your assignments are **due on Canvas Tuesday 3pm, BEFORE LAB!!!**

If you need an extension, ASK. Life happens. Extensions will be granted by the instructor (Dr. Lee)’s discretion.

Lab 1 Tips and Tricks

Isn’t Excel like BASIC?!???

Yeah, but there are SO MANY ways to use Excel efficiently and THOUSANDS of amazing shortcuts that can save you so much time!!!

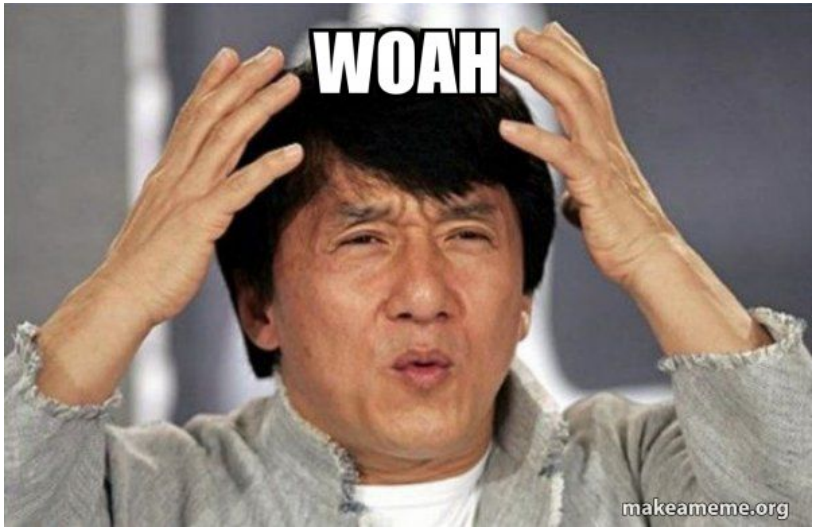


For those who love to scroll through **Instagram, @exceldictionary** is a **great resource** to add to your follow list:

For example, try:

=TRANSPOSE({18,19,23,19,24,20,18,21,22,23,18})

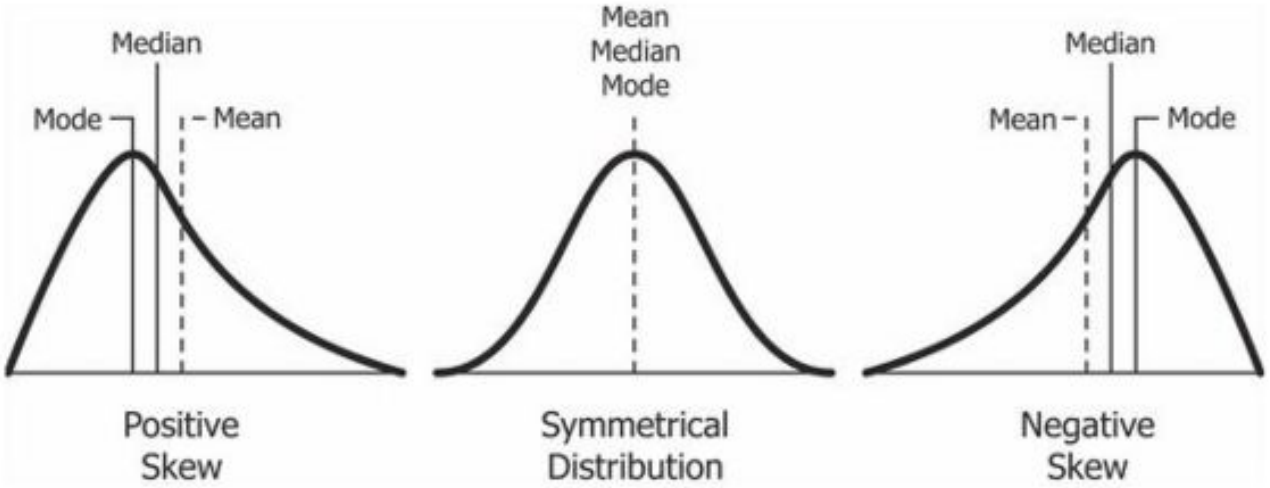
Into cell A2 and do the same for the Exam Scores



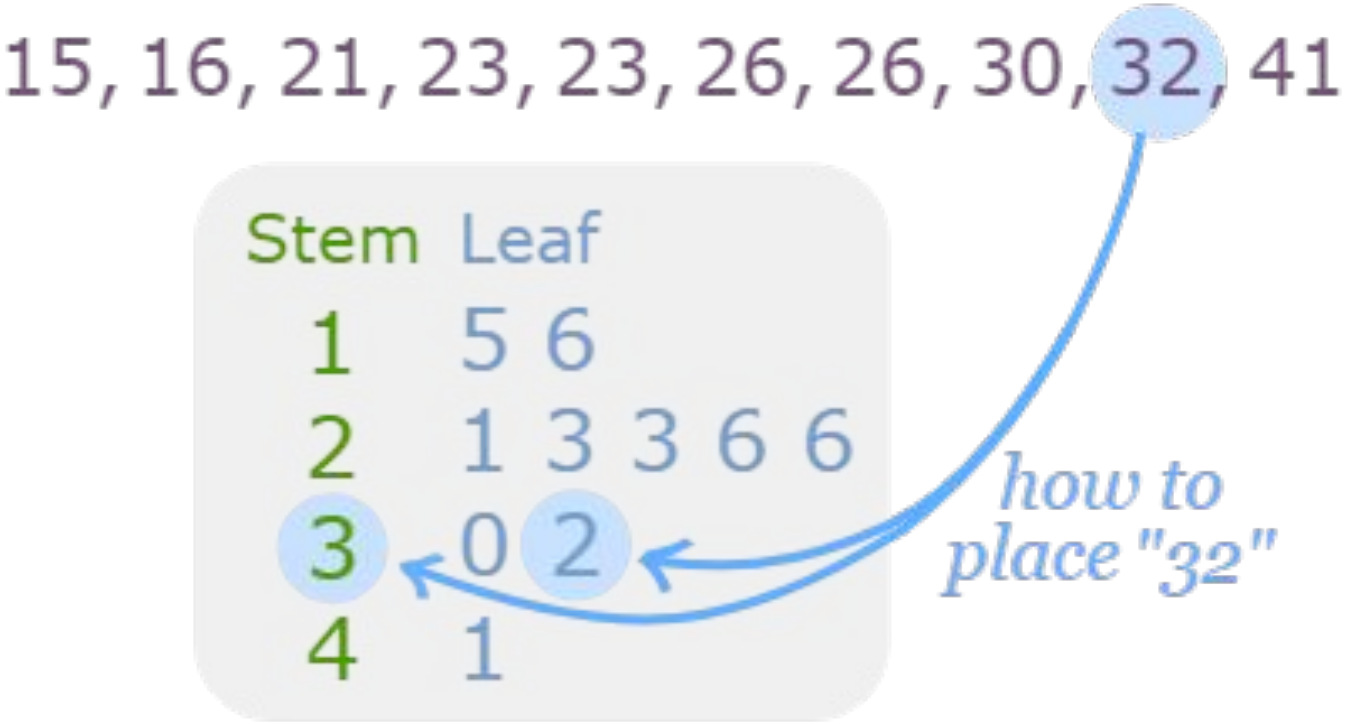
Analyzing the Data

Range = Max - Min

Center: Mean, if the distribution is symmetric; use Median if skewed.



Stem and Leaf Plot



- This is another way to visualize the data as a “bar chart”
- **You can see the distribution of the values**
- Not super commonly used