

MATH 500  
DATA SCIENCE SEMINAR

# THE LEASE ANALYZERS

UNDERSTANDING SAVILL'S DATASET ABOUT LEASING  
FROM 2018-2024

## TEAM

**KHUSHI CHOUDHARY**

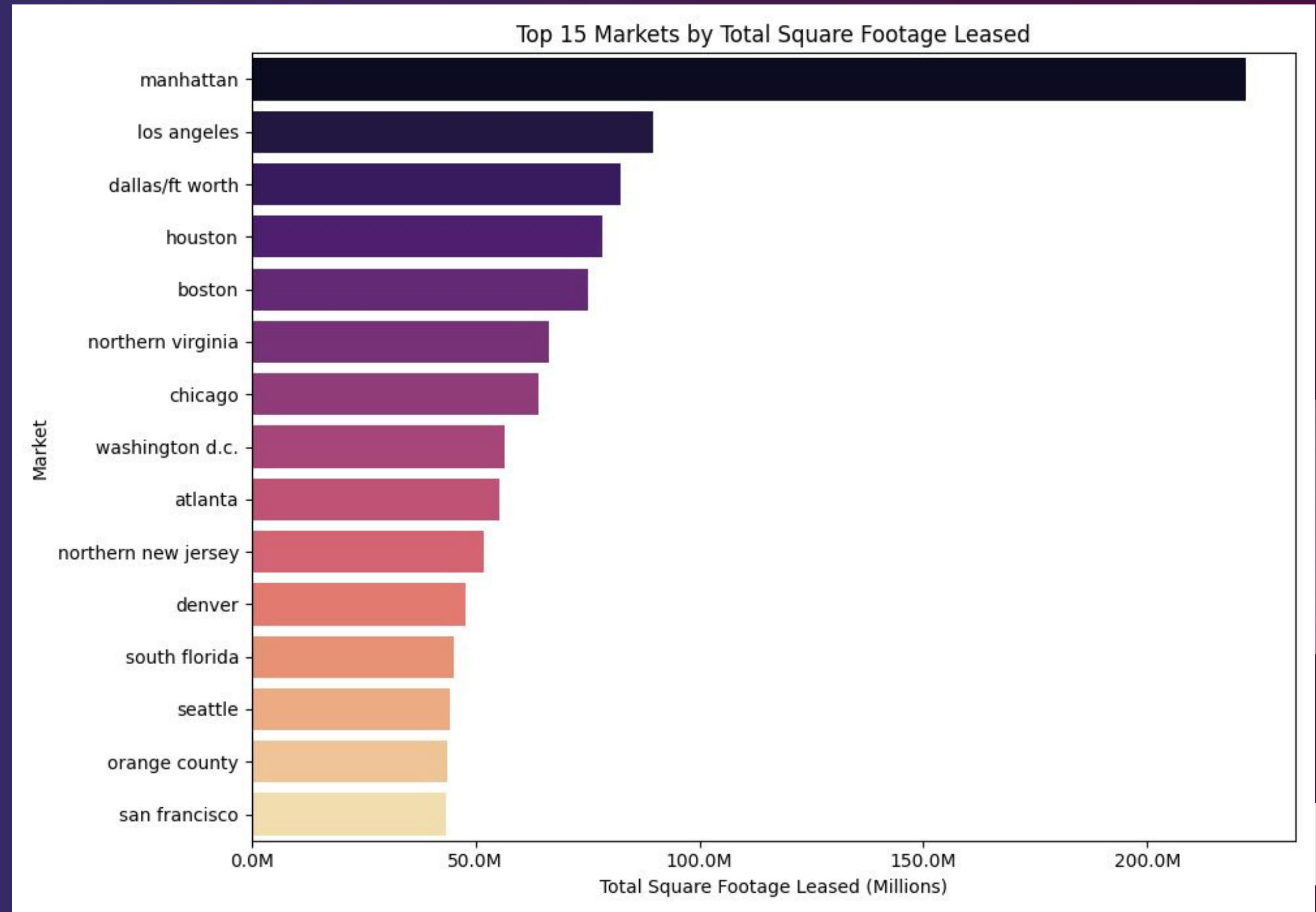
**ZAKIR ELASKAR**

**PUSHPAK RANE**



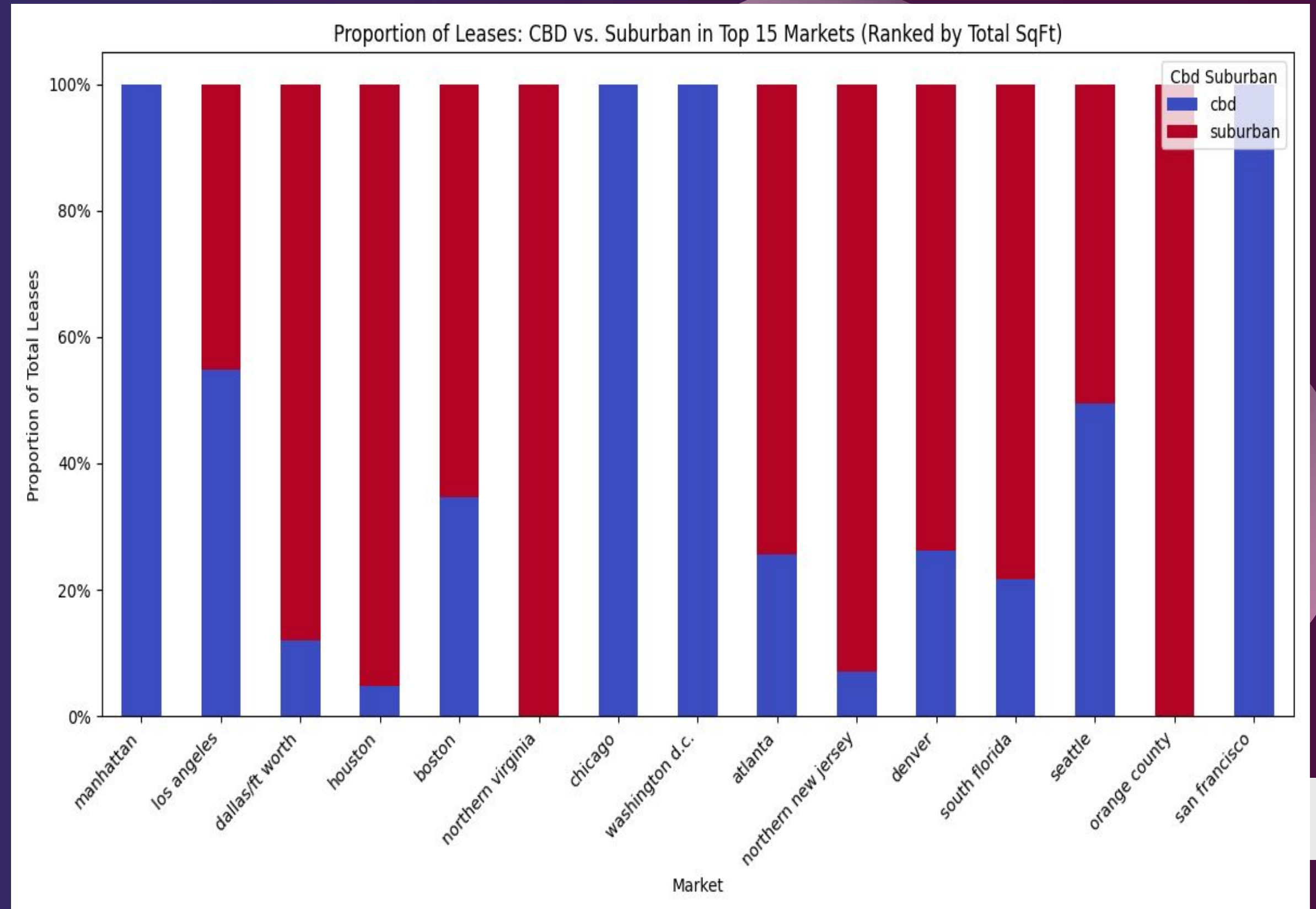
# IDENTIFYING THE POWERHOUSES: WHERE IS LEASING CONCENTRATED?

- ANALYSIS RANKS TOP 15 US MARKETS BY TOTAL SQUARE FOOTAGE LEASED (2018-2024).
- HIGHLIGHTS CONCENTRATION: KEY HUBS LIKE MANHATTAN, LA, ORANGE COUNTY DOMINATE ACTIVITY.



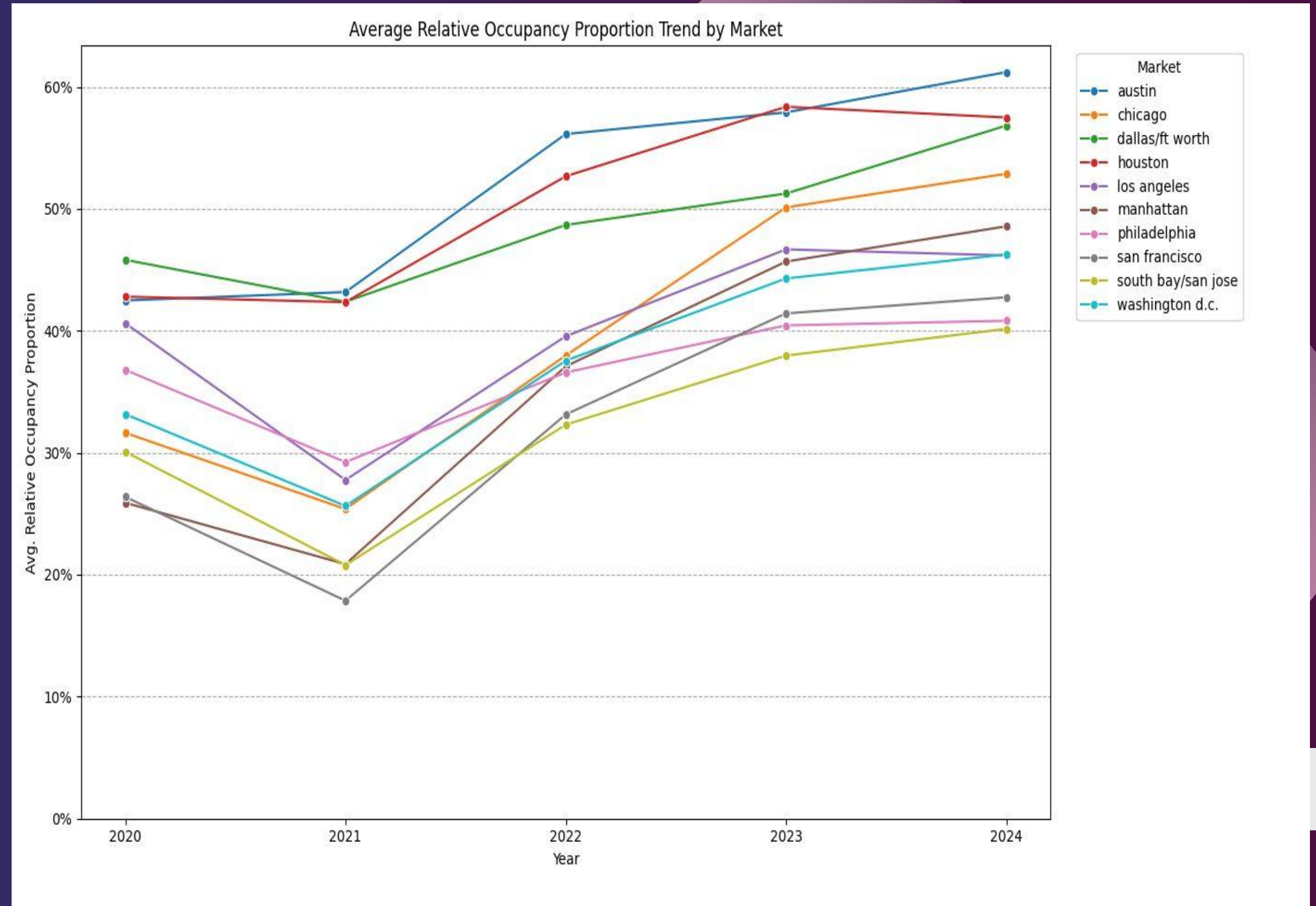
# MARKET PERSONALITIES: DOWNTOWN CORE OR SUBURBAN SPRAWL?

- COMPARES CENTRAL BUSINESS DISTRICT (CBD) VS. SUBURBAN LEASING WITHIN TOP MARKETS.
- REVEALS DISTINCT LOCATION STRATEGIES: E.G., MANHATTAN (CBD-HEAVY) VS. ORANGE COUNTY (SUBURBAN-HEAVY).



# GAUGING MARKET PULSE: TRACKING POST-PANDEMIC OCCUPANCY RECOVERY.

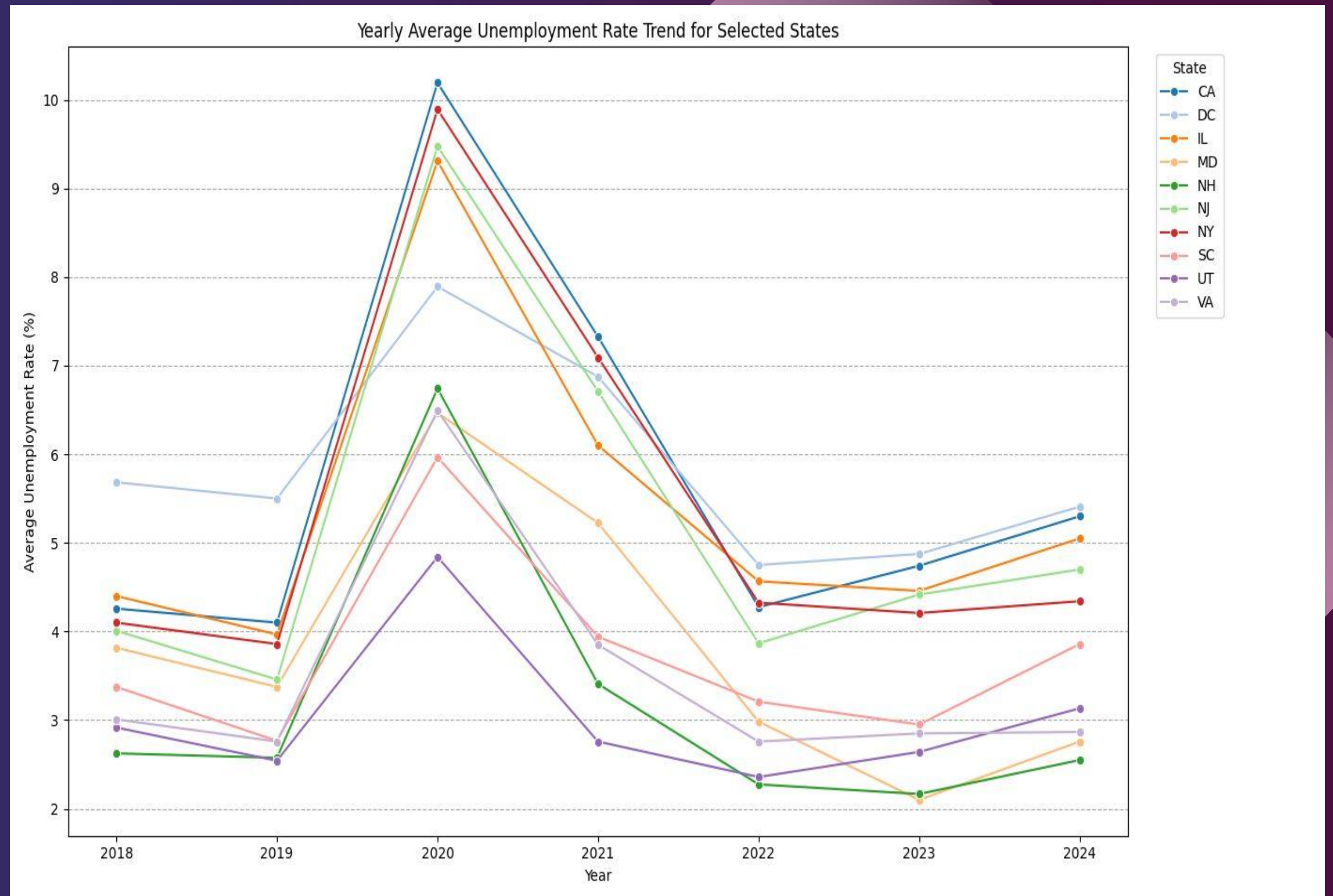
- SHOWS AVERAGE OCCUPANCY TREND (2020-2024) RELATIVE TO MARCH 2020 BASELINE FOR KEY MARKETS.
- DEMONSTRATES VARIED RECOVERY SPEEDS AND TRAJECTORIES ACROSS DIFFERENT CITIES.





# ECONOMIC CONTEXT: UNEMPLOYMENT'S IMPACT AND RECOVERY PATHS.

- TRACKS AVERAGE YEARLY UNEMPLOYMENT RATES FOR SELECTED KEY STATES (2018-2024).
- ILLUSTRATES THE SHARED 2020 ECONOMIC SHOCK AND SUBSEQUENT DIFFERING RECOVERY PATHS.





# THANK YOU!