



A BRIEF ANALYSIS OF THE CHARGING STATION NETWORK OF **ELECTRIFY AMERICA**

(based on a dataset published on 5/18/2023)

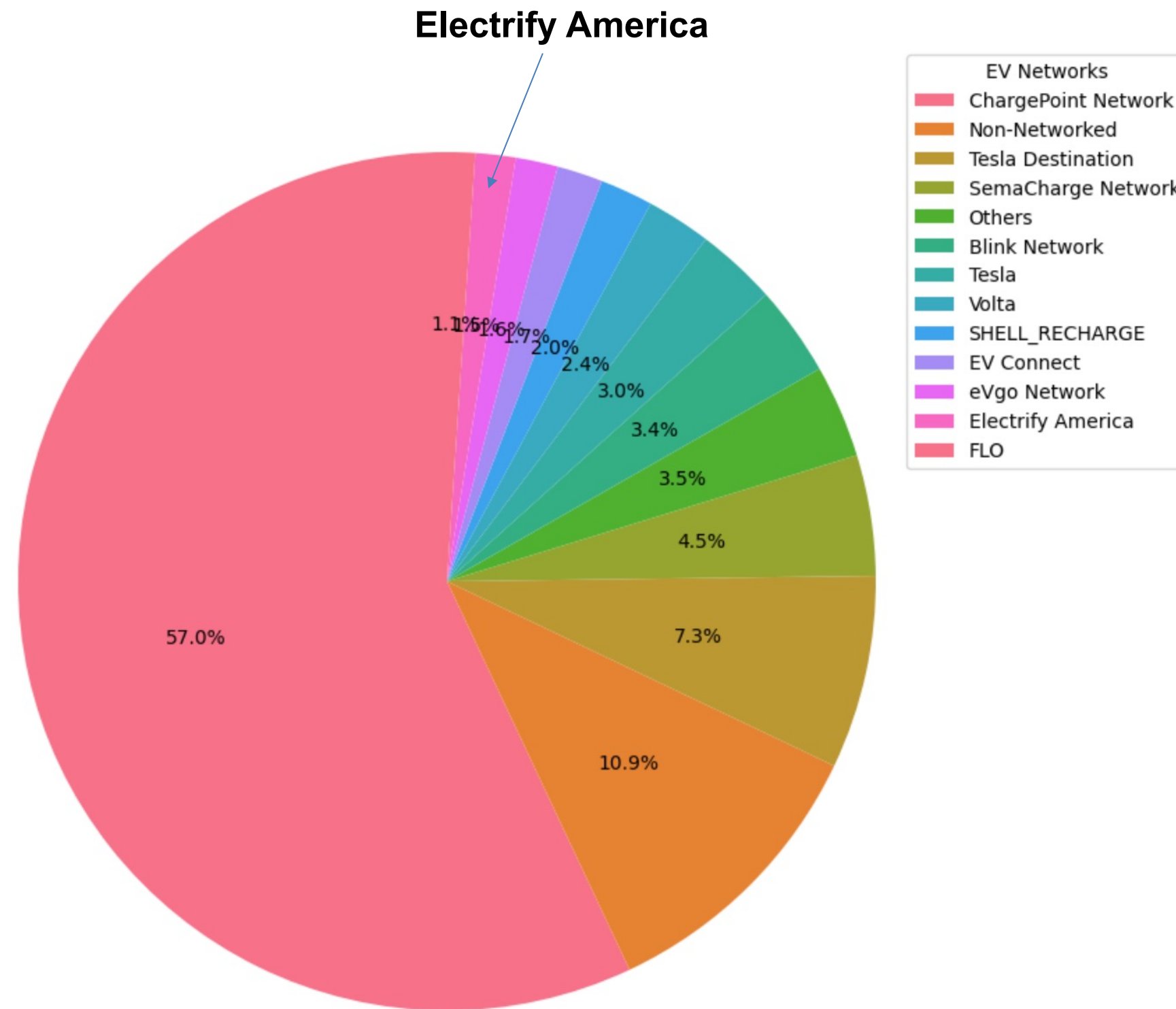
By: Linh Bui







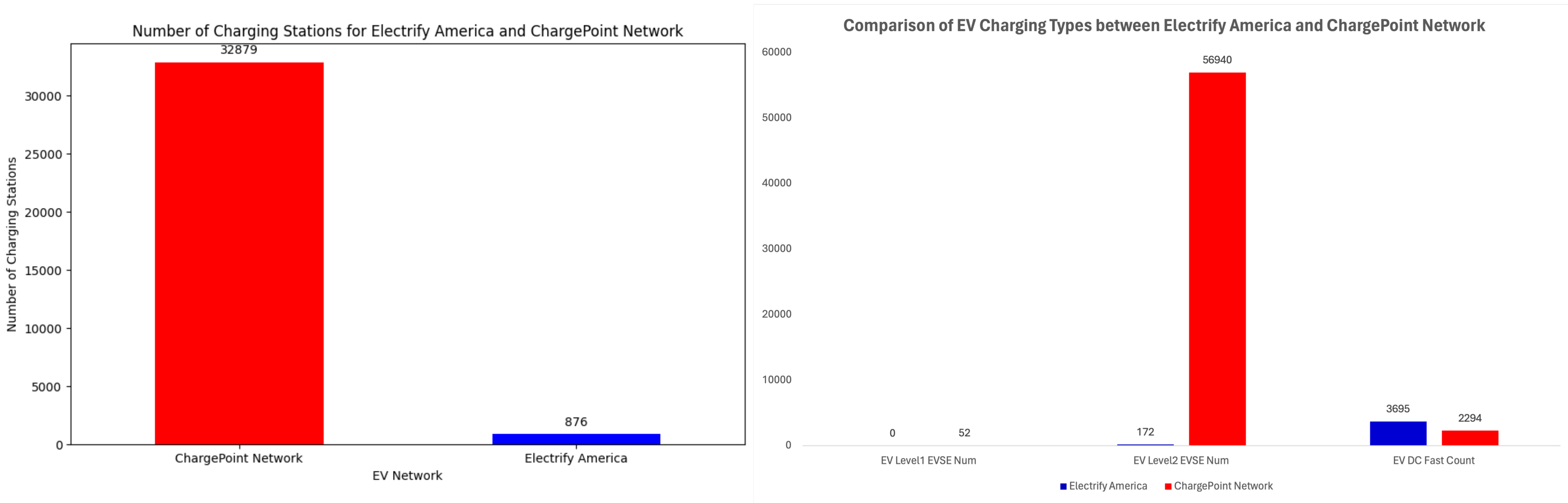
EV NETWORKS DISTRIBUTION



Electrify America boasts a notable station count, securing its position among the top players in the U.S. EV charging networks, despite its recent establishment.



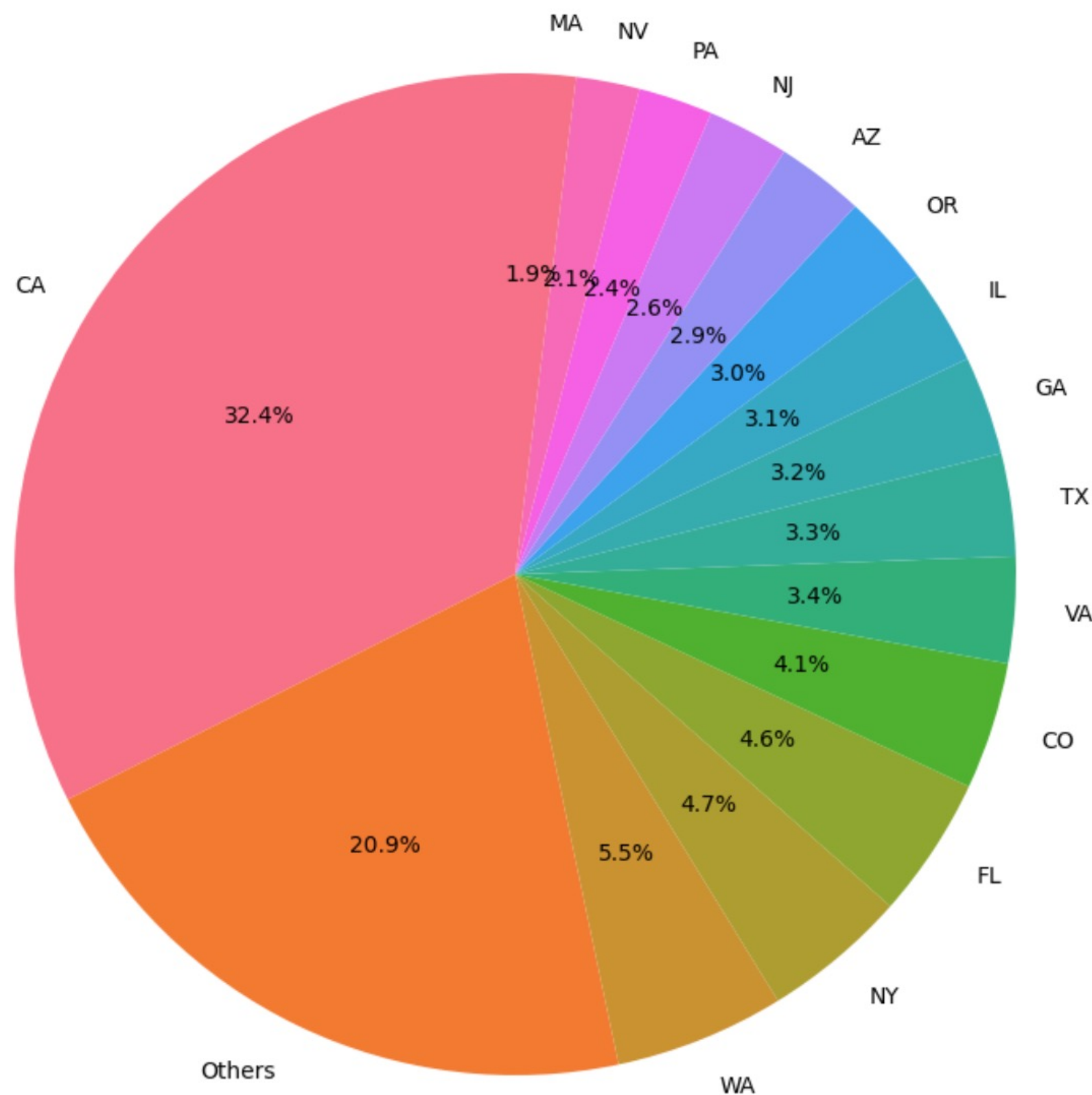
ELECTRIFY AMERICA VS CHARGEPOINT NETWORK



Despite ChargePoint Network's larger overall station count and earlier establishment (figure 1), Electrify America surpasses with a substantial lead in fast charging stations (figure 2), showcasing a strategic emphasis on rapid charging infrastructure.



ELECTRIFY AMERICA CHARGING STATIONS BY STATES



California emerges as the primary hub for Electrify America, indicating a strategic regional concentration. Possible explanations include:

- The prevalence of a young, liberal, and tech-oriented demographic, who is motivated to adopt new technologies
- Friendly policies towards electric vehicles with significant government subsidies to incentivize the adoption of EV



FURTHER ANALYSES

- Collect data from review websites and conduct a sentiment analysis to support the Quality Assurance team to improve Electrify America's products and help other teams understand customers' opinions.
- Conduct analyses and make predictions on optimal locations for EV charging stations, especially when "places such as offices, restaurants, hotels and shopping centers that might offer EV charging as an amenity are holding back on installing equipment amid questions about the economy", [said](#) Rick Wilmer, ChargePoint's newly appointed CEO

The image shows three modern electric vehicle charging stations in a parking lot at night. Each station is a tall, white, rectangular unit with a glowing green light strip running vertically down its side and a glowing green rectangular panel at the top. The charging cables are coiled around the base of each station. In the background, there are trees, a building with some lit windows, and a street lamp. The overall scene is illuminated by the green light from the charging stations and the ambient night light.

THANK YOU!