BUILDING ELECTRIC VEHICLE INFRASTRUCTURE Louisa Reilly



THE FORD ELECTRIC VEHICLE STRATEGY

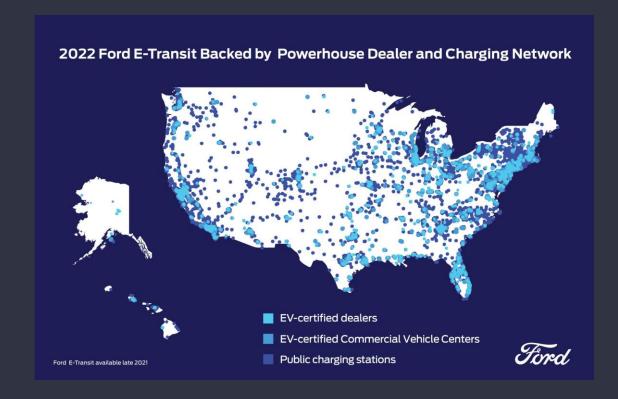
WHAT YOU NEED TO KNOW

- Target the market for <u>EV commercial vans and pickups</u>.
- <u>Largest</u> public charging network!!
 - 63,000 charging plugs and growing!
- 2,300 EV-certified dealers
 - plus 644 EV-certified commercial vehicle centers.
- 4 EV manufacturing plants in North America
- Achieve carbon neutrality globally by 2050!



EV CHARGING FUNDING OPPORTUNITY

- \$20 million allocated
 - Accelerate EV adoption
 - Supporting EV infrastructure
- Demonstrate EV technologies and infrastructure for various applications.
- Projects of interest:
 - Accelerate clean energy jobs
 - Provide EV transportation to underserved communities

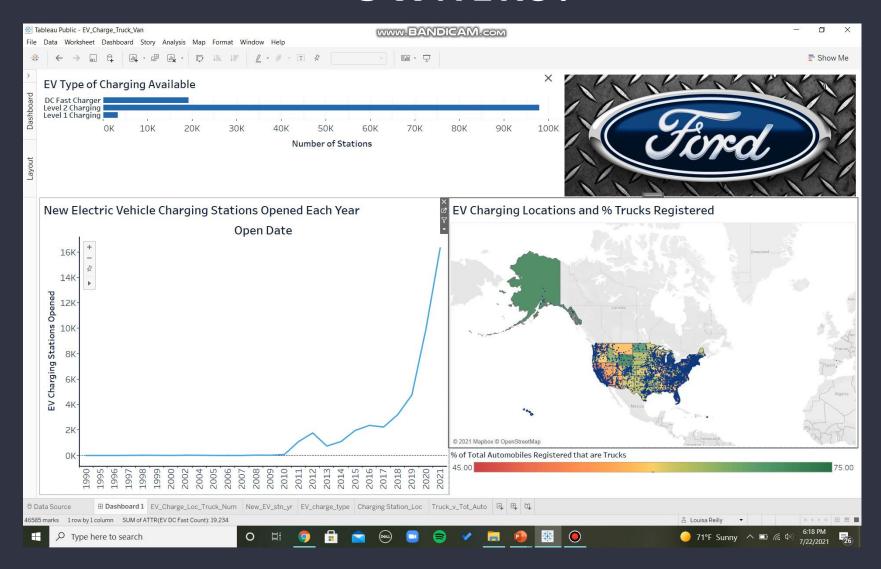




RURAL COMMUNITIES VS THE NATIONAL AVG

Category	Rural Rate	National Rate
Living Below Poverty Line	12.5 %	11.8 %
Unemployment Rate	5.0 %	3.9 %
Car-free Households	4.4 %	8.6 %
Senior Population (65+)	18.4 %	16.0 %

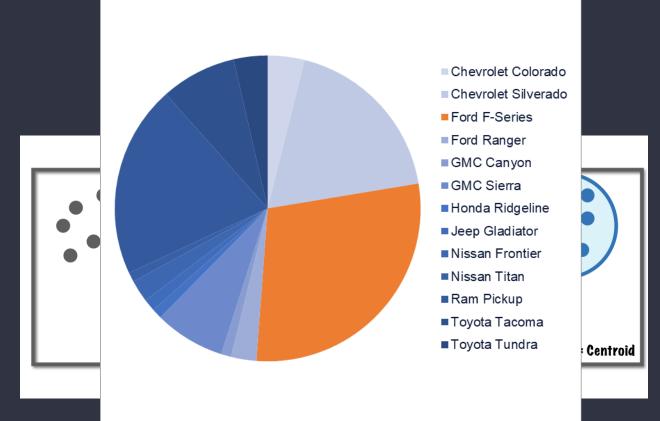
MORE CHARGING STATIONS FOR TRUCK OWNERS!





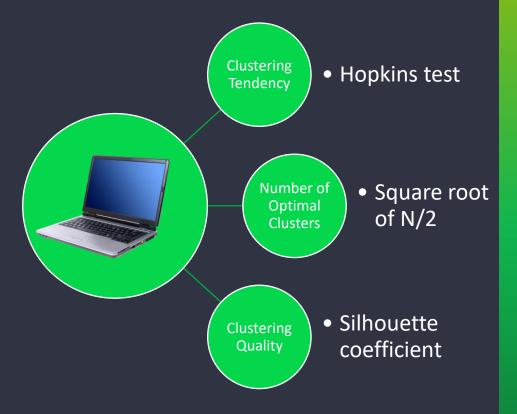
IMPACT AND SOLUTION

- 1. Building more charging stations to support the sale of EVs for trucks.
- 2. Supporting rural communities.
- Data Science Soln:
 - Clustering Analysis
 - Unsupervised Learning
 - K-means clustering



Ford F-Series Dominates 2019 Pickup Sales

Technical Success Measures



Non-Technical Success Measures

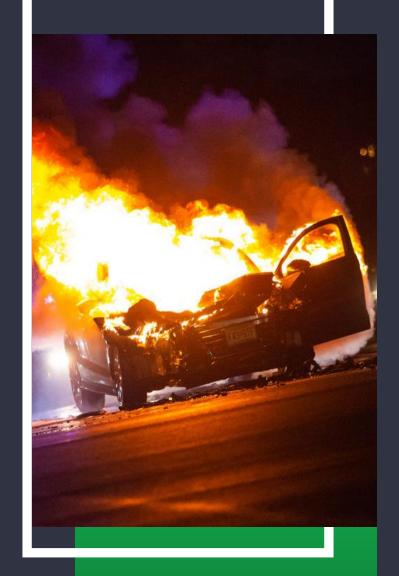
Increase Ford F-150 Sales Increase in FordPass app downloads

Increase in FordPass app usage

Add a Footer

Assumptions

- Uniform distribution
- EV conversion
- Ford >>> other EVs
- Affordability



Risks

- EV station usage
- Copper theft
- Circuit breaker failure
- Inclement weather

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