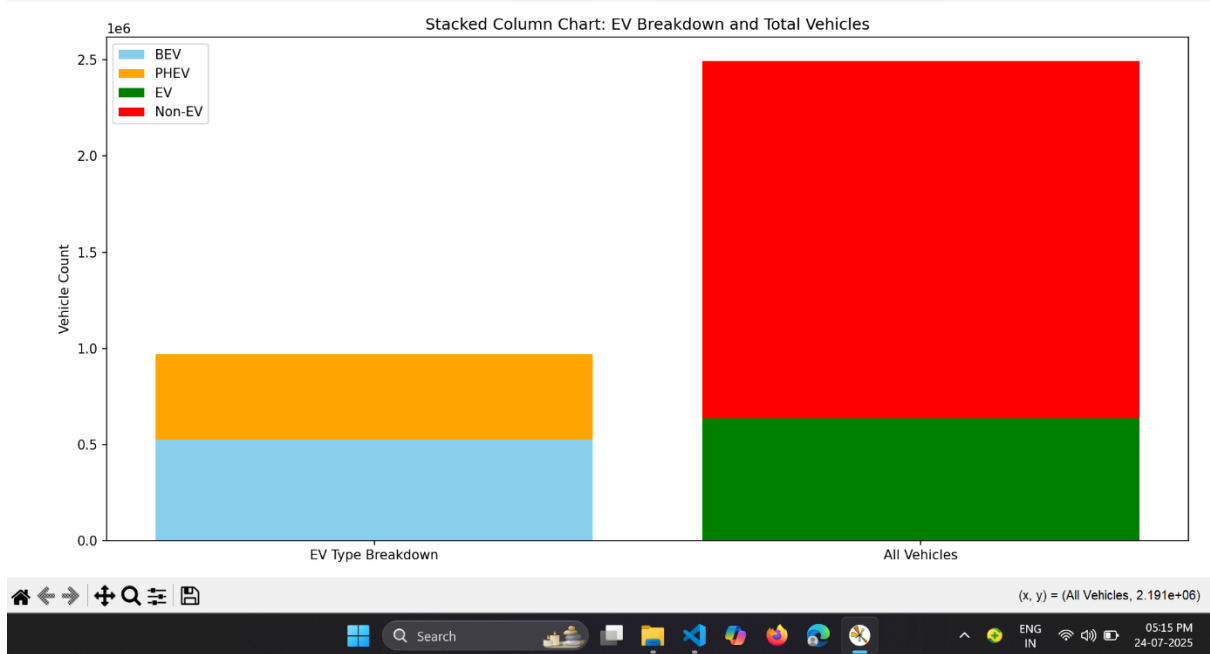


```
File Edit Selection View Go ... Projects
EXPLORER ... Library.py ev_vehicles M EV_Adoption_Forecasting (1).ipynb Downloads EV-Vehicles.ipynb ev_vehicles U EV_Adoption_Fo
OPEN EDITORS
PROJECTS
ev-vehicles-repo > ev_vehicles > Library.py
62 df['Percent Electric Vehicles'] = np.where(df['Percent Electric Vehicles'] > upper_bound, upper_bound,
63 np.where(df['Percent Electric Vehicles'] < lower_bound, lower_bound, df['Percent Electric Vehicles']))

PROBLEMS OUTPUT TERMINAL PORTS DEBUG CONSOLE AZURE SERIAL MONITOR
6 Electric Vehicle (EV) Total 20819 non-null object
7 Non-Electric Vehicle Total 20819 non-null object
8 Total Vehicles 20819 non-null object
9 Percent Electric Vehicles 20819 non-null float64
dtypes: float64(1), object(9)
memory usage: 1.6+ MB
lower_bound: -3.5174999999999996
upper_bound: 6.9025
Number of outliers in 'Percent Electric Vehicles': 2476
Missing after fill:
County 0
State 0
dtype: int64
Number of outliers in 'Percent Electric Vehicles': 0
Top 3 Counties:
County
Clallam 39839.0
Jefferson 39683.0
San Juan 39309.0
...
Name: Electric Vehicle (EV) Total, dtype: float64

Bottom 3 Counties:
County
Brown 1.0
Union 1.0
Hood River 1.0
Name: Electric Vehicle (EV) Total, dtype: float64
PS D:\Projects>
```

Figure 1



```
File Edit Selection View Go ... Projects
EXPLORER
ev-vehicles-repo > ev_vehicles > Library.py
518 print(model.save_to_forecasting_ev_model.pkl)
519 # Load model from file
520 loaded_model = joblib.load('forecasting_ev_model.pkl')
```

'Essex' 'Fairbanks North Star' 'Fairfax' 'Flathead' 'Fort Bend'
'Franklin' 'Frederick' 'Fresno' 'Fulton' 'Galveston' 'Garfield' 'Geary'
'Goochland' 'Greene' 'Guadalupe' 'Gwinnett' 'Hamilton' 'Hampshire'
'Hardin' 'Harford' 'Harnett' 'Harris' 'Harrison' 'Hawaii' 'Hennepin'
'Henrico' 'Hillsborough' 'Honolulu' 'Houston' 'Howard' 'Hudson' 'Jackson'
'James City' 'Jefferson' 'Jones' 'Juneau' 'Kalamazoo' 'Kauai' 'Kent'
'Kern' 'Kings' 'Klamath' 'Kootenai' 'Lake' 'Lane' 'Laramie' 'Larimer'
'Las Animas' 'Latah' 'Leavenworth' 'Lee' 'Lewis' 'Lincoln' 'Los Angeles'
'Loudoun' 'Louisiana' 'Lumpkin' 'Madison' 'Manassas' 'Manatee' 'Maricopa'
'Marin' 'Marion' 'Maui' 'Meade' 'Mecklenburg' 'Mercer' 'Miami-Dade'
'Middlesex' 'Milwaukee' 'Missoula' 'Mobile' 'Monroe' 'Monterey'
'Montgomery' 'Moore' 'Morris' 'Multnomah' 'Muscogee' 'Nantucket' 'Napa'
'Nassau' 'New Haven' 'New London' 'New York' 'Newport' 'Newport News'
'Norfolk' 'Northampton' 'Nueces' 'Okaloosa' 'Oklahoma' 'Oldham' 'Onslow'
'Orange' 'Orleans' 'Osceola' 'Otero' 'Owyhee' 'Palm Beach' 'Parker'
'Pennington' 'Penobscot' 'Philadelphia' 'Pima' 'Pinal' 'Pinellas'
'Placer' 'Plaquemines' 'Platte' 'Polk' 'Portsmouth' 'Powhatan'
'Prince George' 'Prince George's' 'Prince William' 'Providence' 'Pulaski'
'Putnam' 'Queens' 'Ramsey' 'Randolph' 'Ray' 'Richland' 'Richmond'
'Riverside' 'Rock Island' 'Rockdale' 'Rockingham' 'Rogers'
'R  xado Grande' 'Sacramento' 'Saginaw' 'Salt Lake' 'San Bernardino'
'San Francisco' 'San Joaquin' 'San Juan' 'San Luis Obispo' 'San Mateo'
'Sangamon' 'Santa Clara' 'Santa Cruz' 'Santa Fe' 'Santa Rosa' 'Sarasota'
'Saratoga' 'Sarpy' 'Sedgwick' 'Sevier' 'Shasta' 'Shelby' 'Sheridan'
'Solano' 'Sonoma' 'Spartanburg' 'St. Clair' 'St. Lawrence' 'St. Louis'
'St. Lucie' 'St. Mary's' 'Stafford' 'Suffolk' 'Sumter' 'Tarrant' 'Texas'
'Tooele' 'Travis' 'Tulare' 'Tulsa' 'Twin Falls' 'Ulster' 'Unknown' 'Utah'
'Valencia' 'Ventura' 'Vigo' 'Virginia Beach' 'Volusia' 'Wake'

Figure 1

