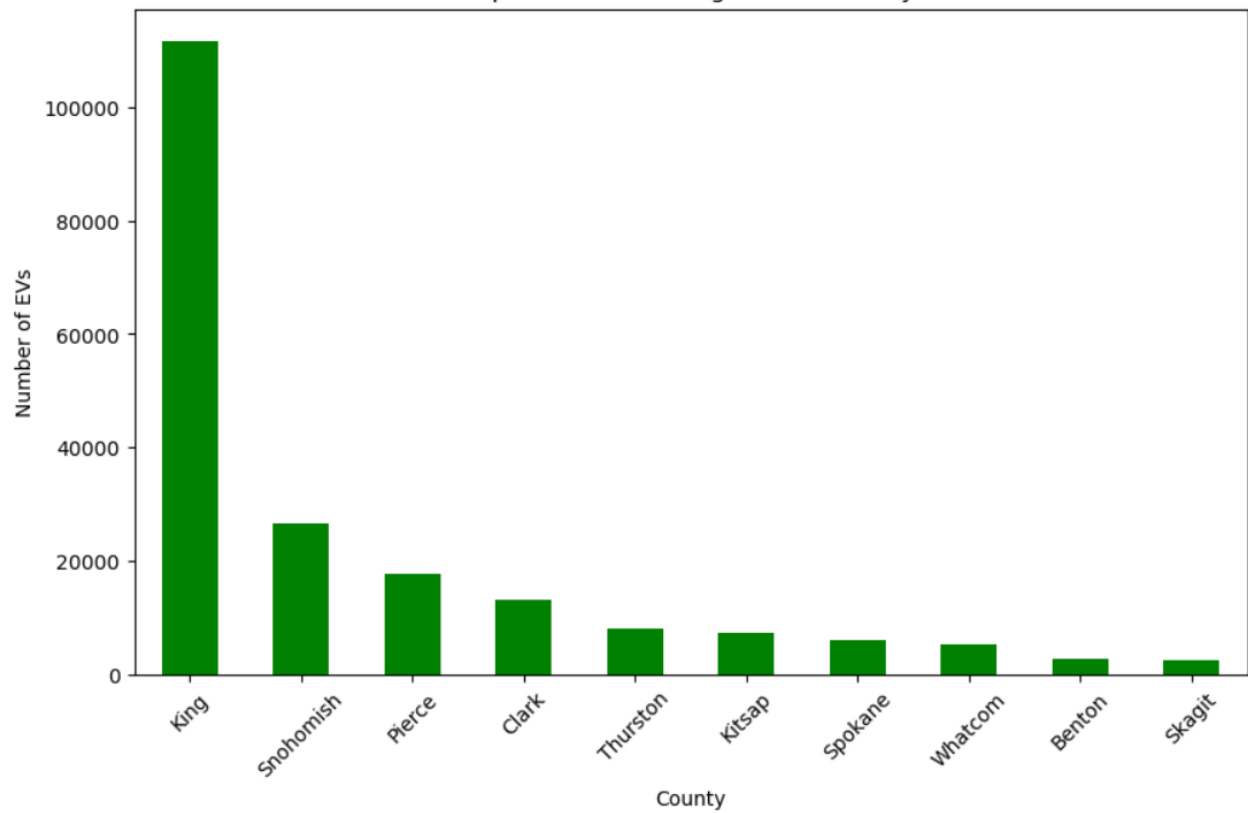
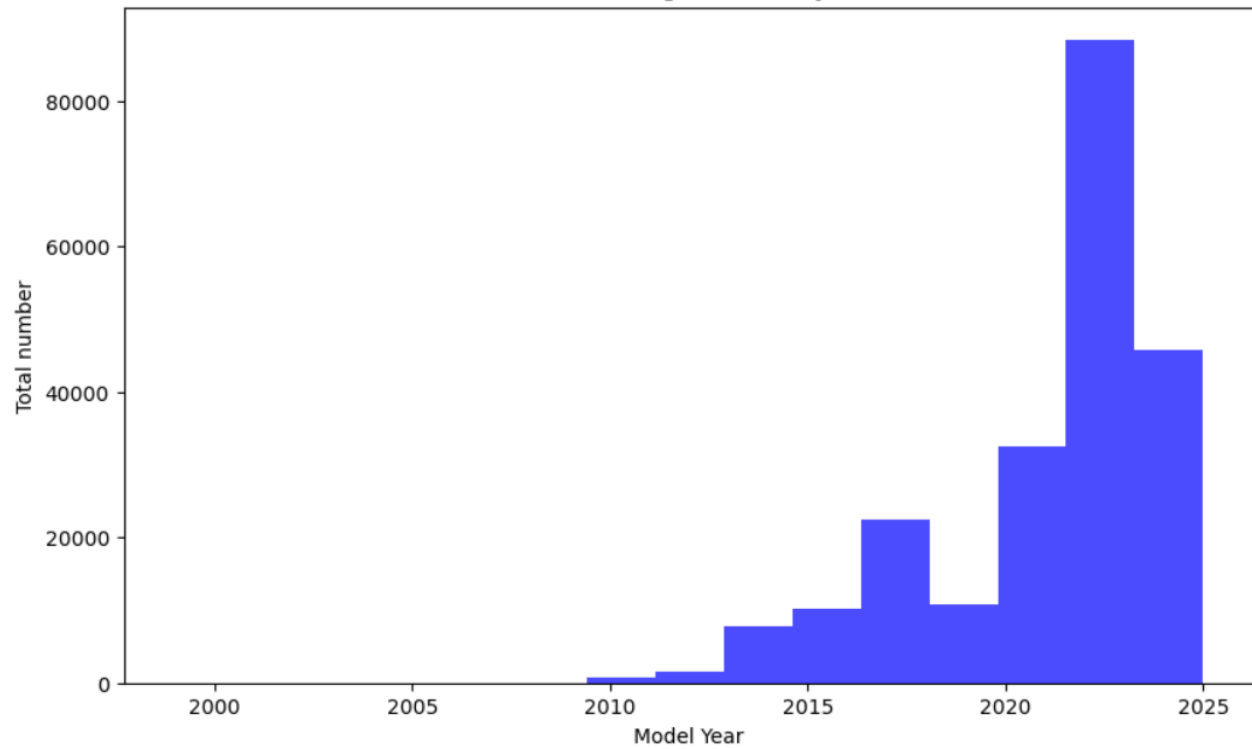
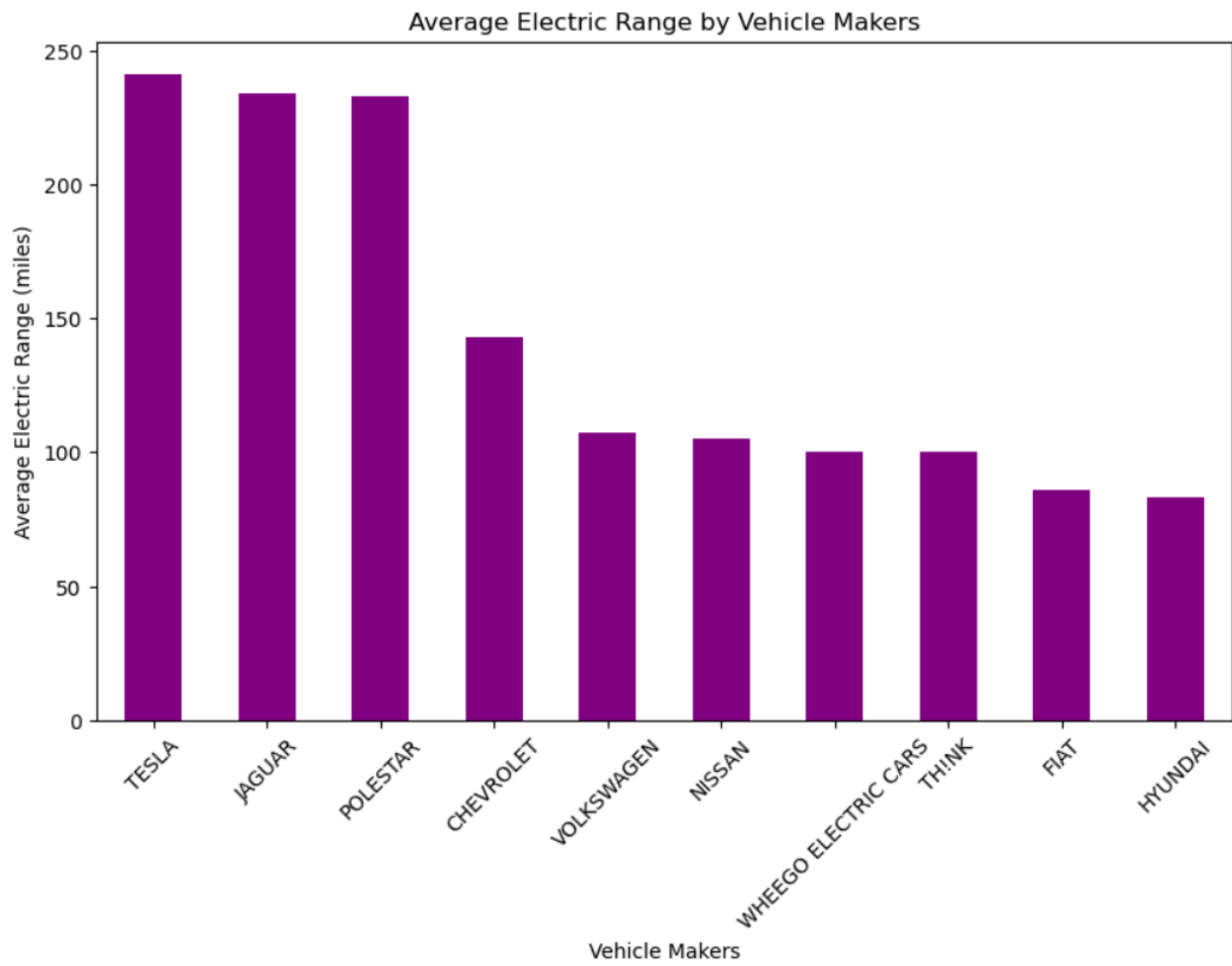


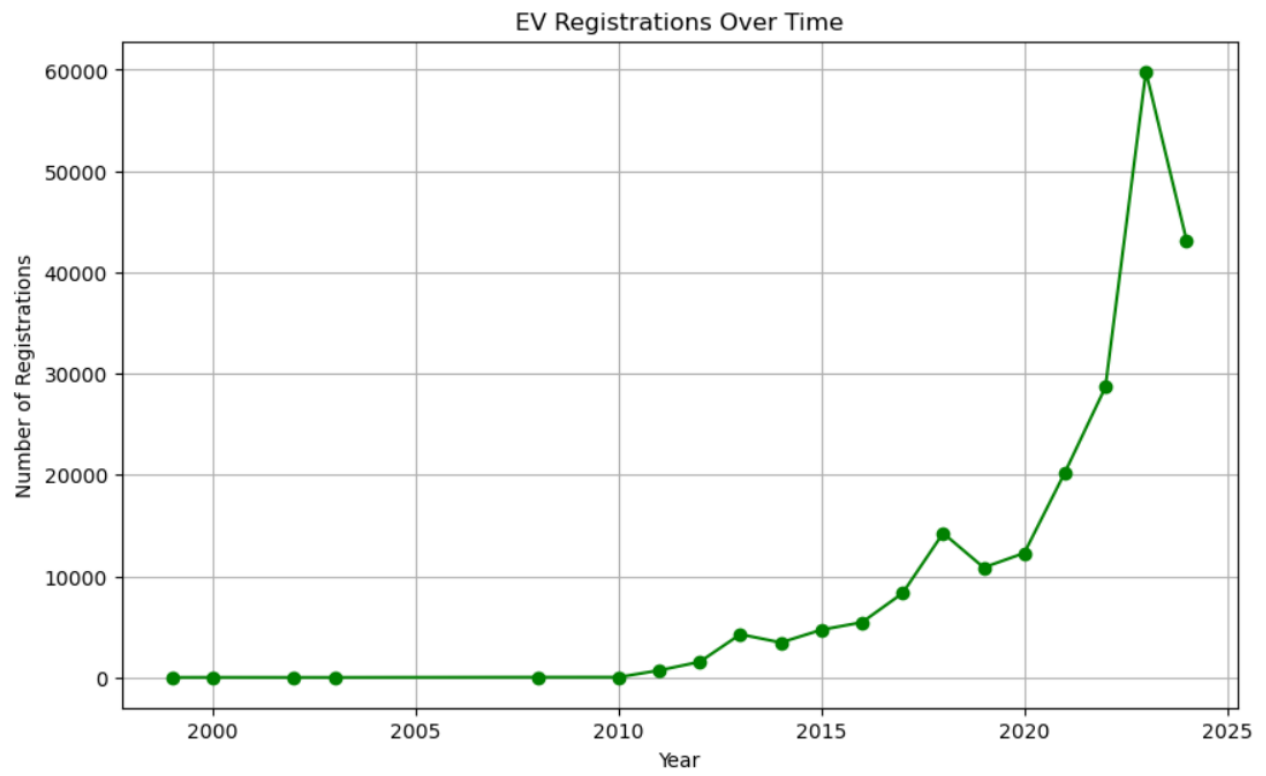
Top Counties with Highest EV Density

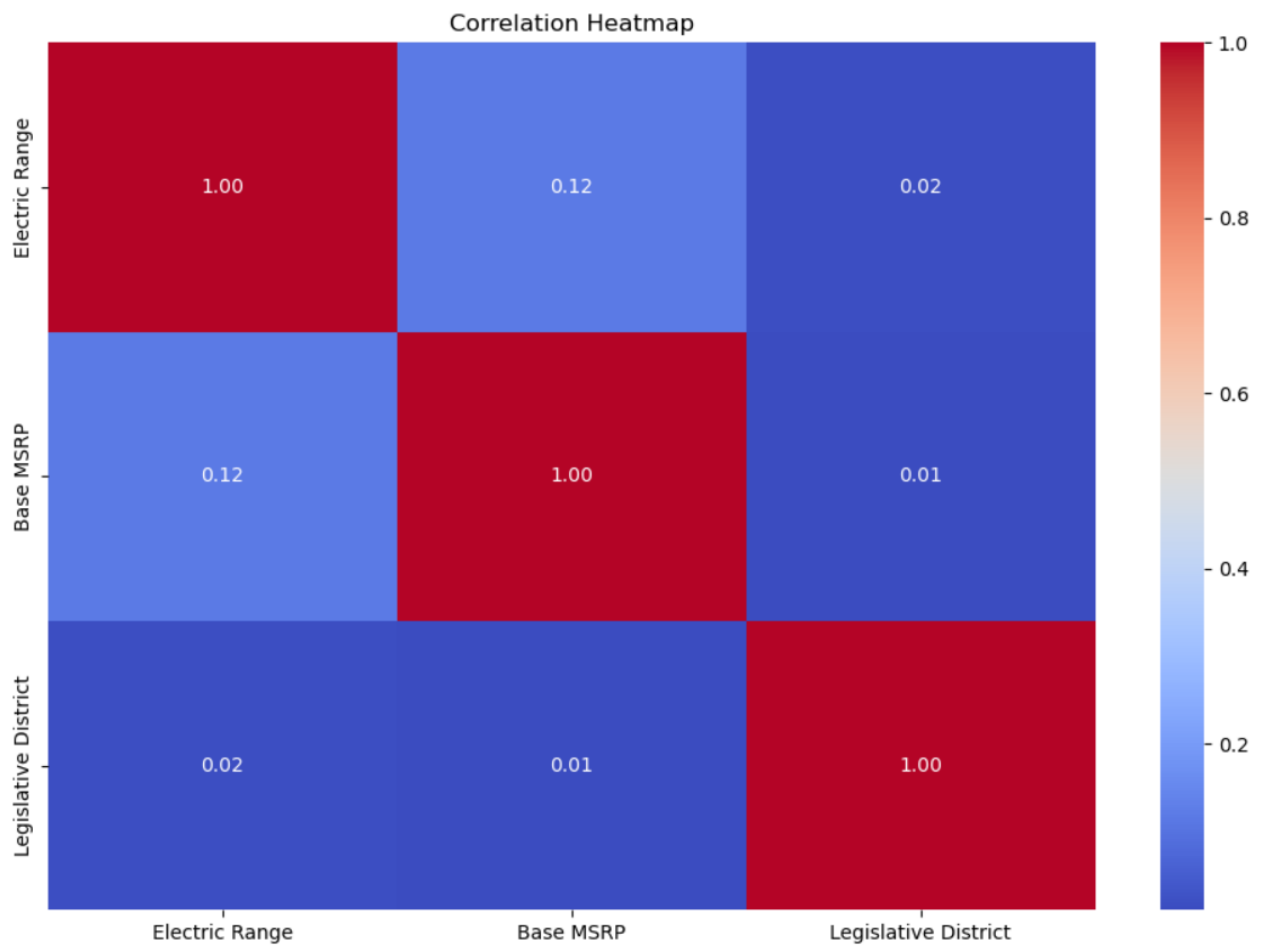


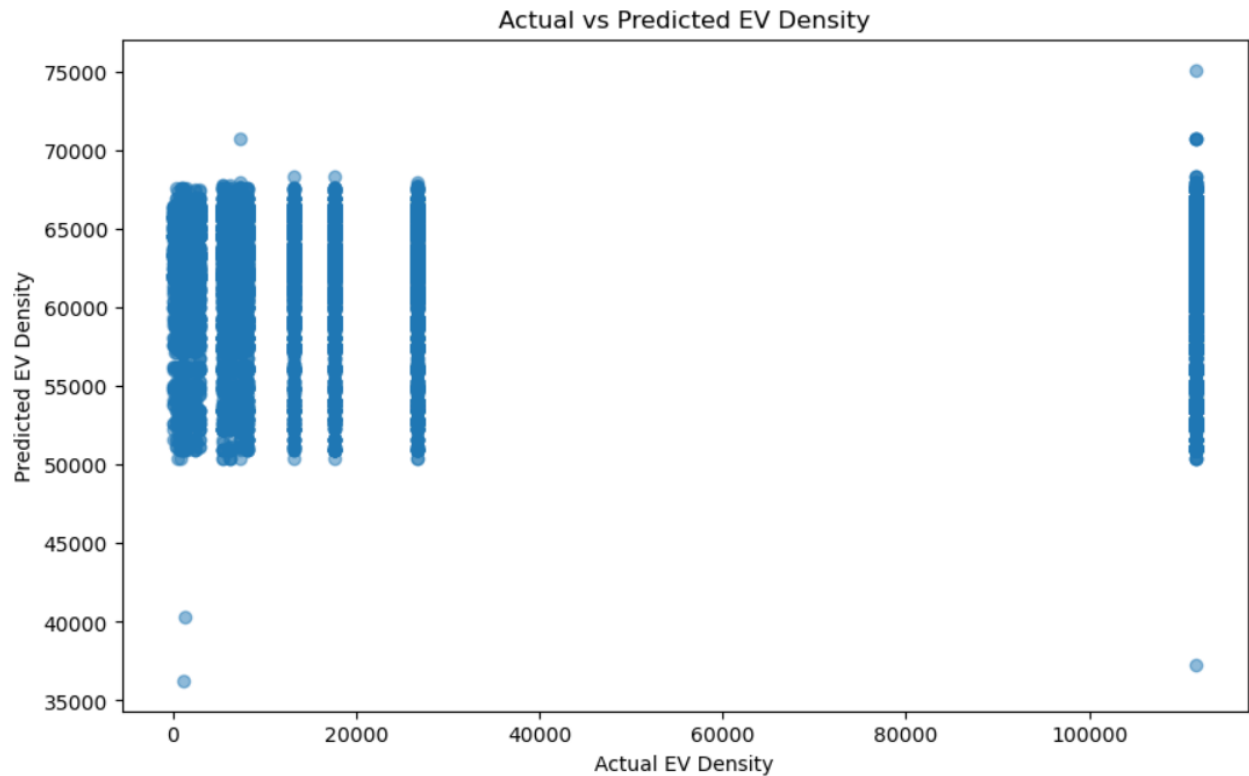
Distribution of EV Registrations by Model Year











#### OLS Regression Results

```
=====
Dep. Variable:      EV_Density      R-squared:                0.004
Model:              OLS             Adj. R-squared:           0.004
Method:             Least Squares   F-statistic:              294.5
Date:               Thu, 19 Dec 2024 Prob (F-statistic):       7.90e-191
Time:               01:36:55        Log-Likelihood:           -2.6938e+06
No. Observations:   220222          AIC:                     5.388e+06
Df Residuals:       220218          BIC:                     5.388e+06
Df Model:           3
Covariance Type:    nonrobust
=====
```

	coef	std err	t	P> t	[0.025	0.975]
const	-2.466e+06	8.58e+04	-28.725	0.000	-2.63e+06	-2.3e+06
Electric Range	16.8598	1.444	11.677	0.000	14.030	19.690
Base MSRP	0.0944	0.015	6.478	0.000	0.066	0.123
Model Year	1250.8082	42.454	29.462	0.000	1167.599	1334.018

```
=====
Omnibus:            788910.420      Durbin-Watson:           1.709
Prob(Omnibus):      0.000           Jarque-Bera (JB):        33942.015
Skew:               -0.079          Prob(JB):                0.00
Kurtosis:           1.083           Cond. No.                6.10e+06
=====
```

#### Notes:

- [1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
- [2] The condition number is large, 6.1e+06. This might indicate that there are strong multicollinearity or other numerical problems.

# **Random Forest Feature Importance:**

		Predictor	Random Forest Importance
0	0	const	0.000000
1	1	Electric Range	0.690510
2	2	Base MSRP	0.012463
3	3	Model Year	0.297027

# **LASSO Regression Coefficients:**

		Predictor	LASSO Coefficient
0		const	0.000000
1		Electric Range	1447.609243
2		Base MSRP	704.617700
3		Model Year	3729.028274