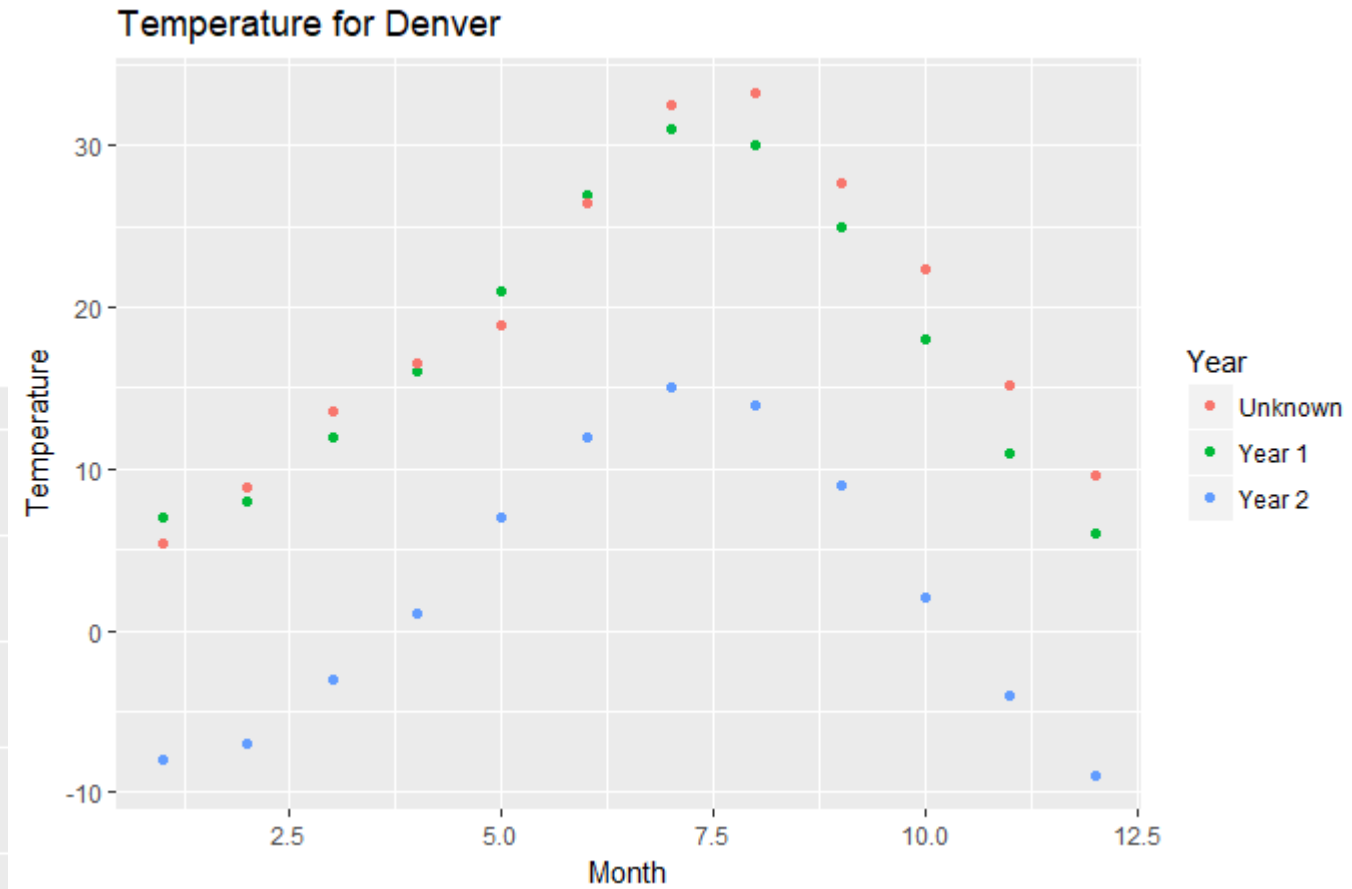
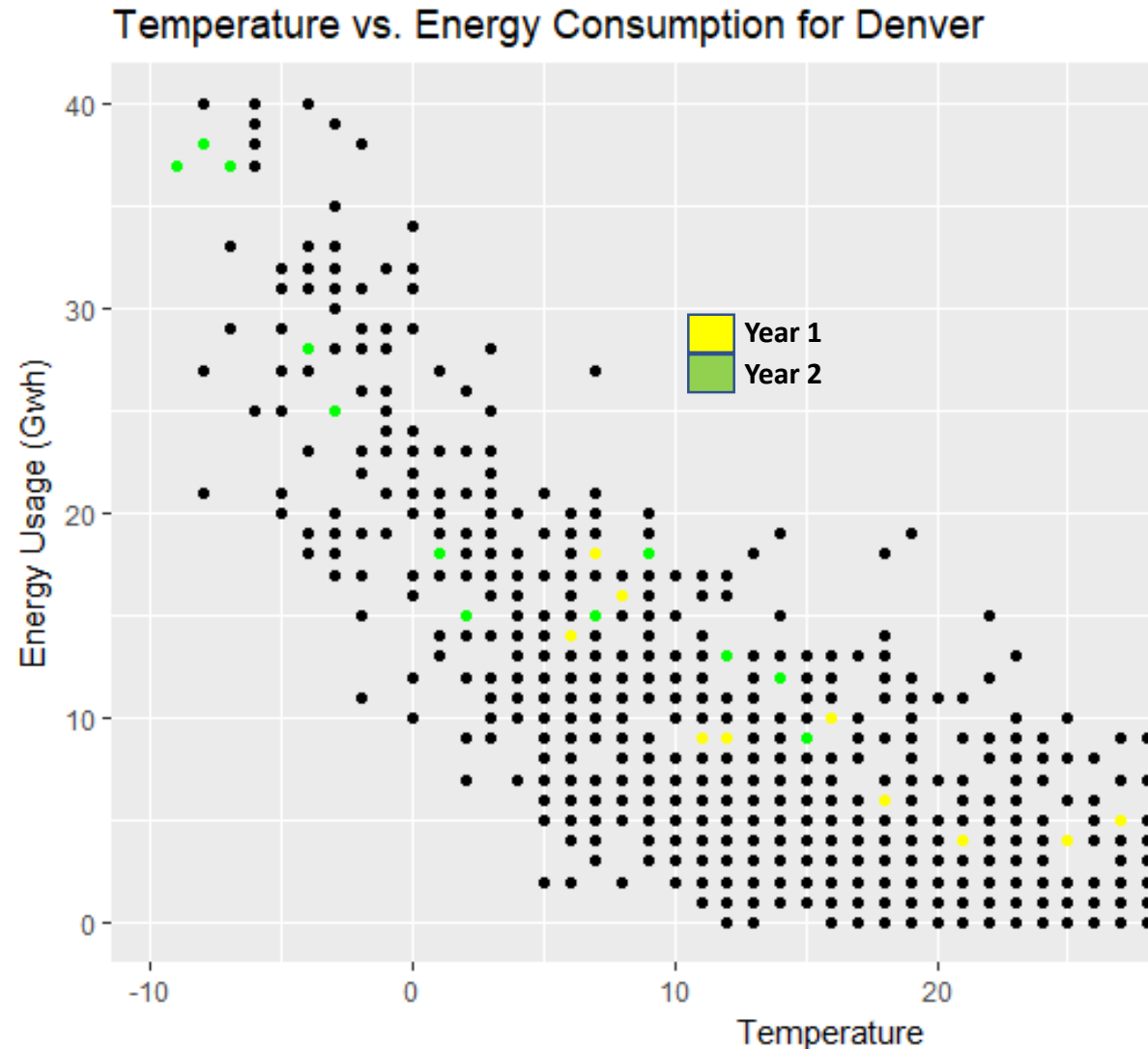


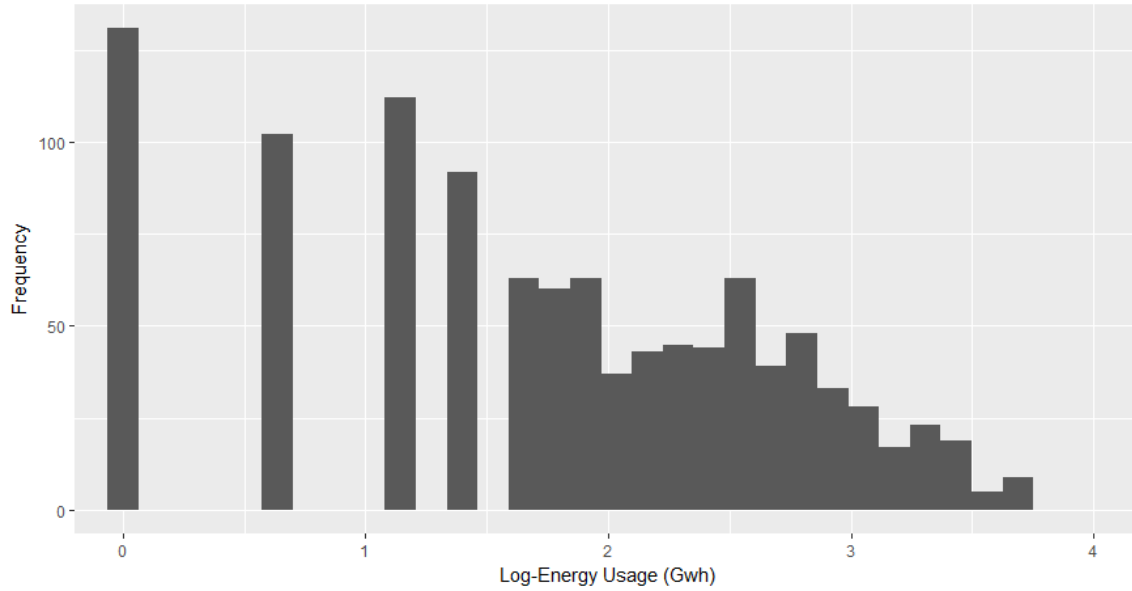
Predicting Energy Usage for Denver



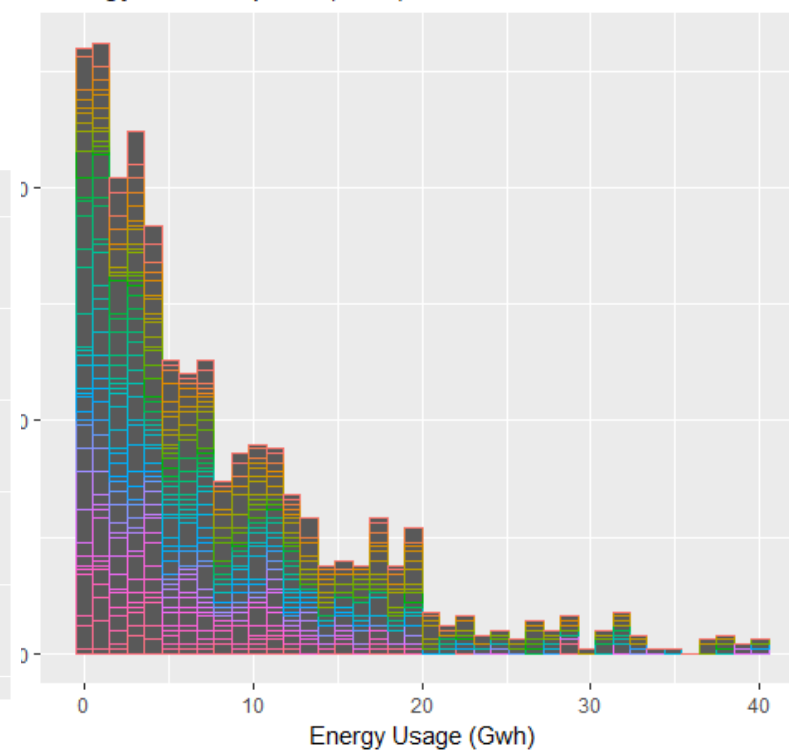
- Michael Ramsey
- APPM 5590
- Final Project

Data Exploration

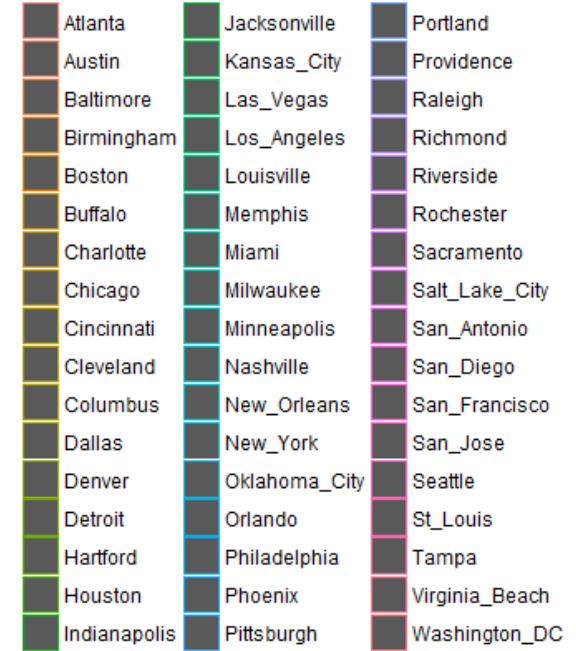
Log-Energy Consumption (Gwh)



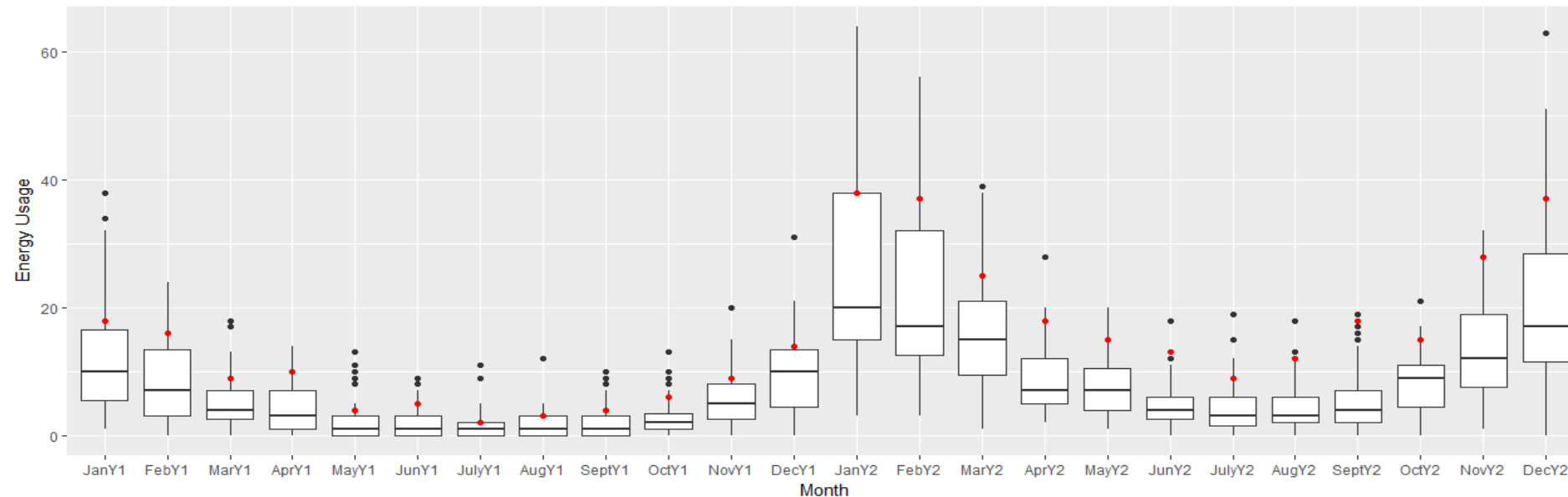
Energy Consumption (Gwh)



City



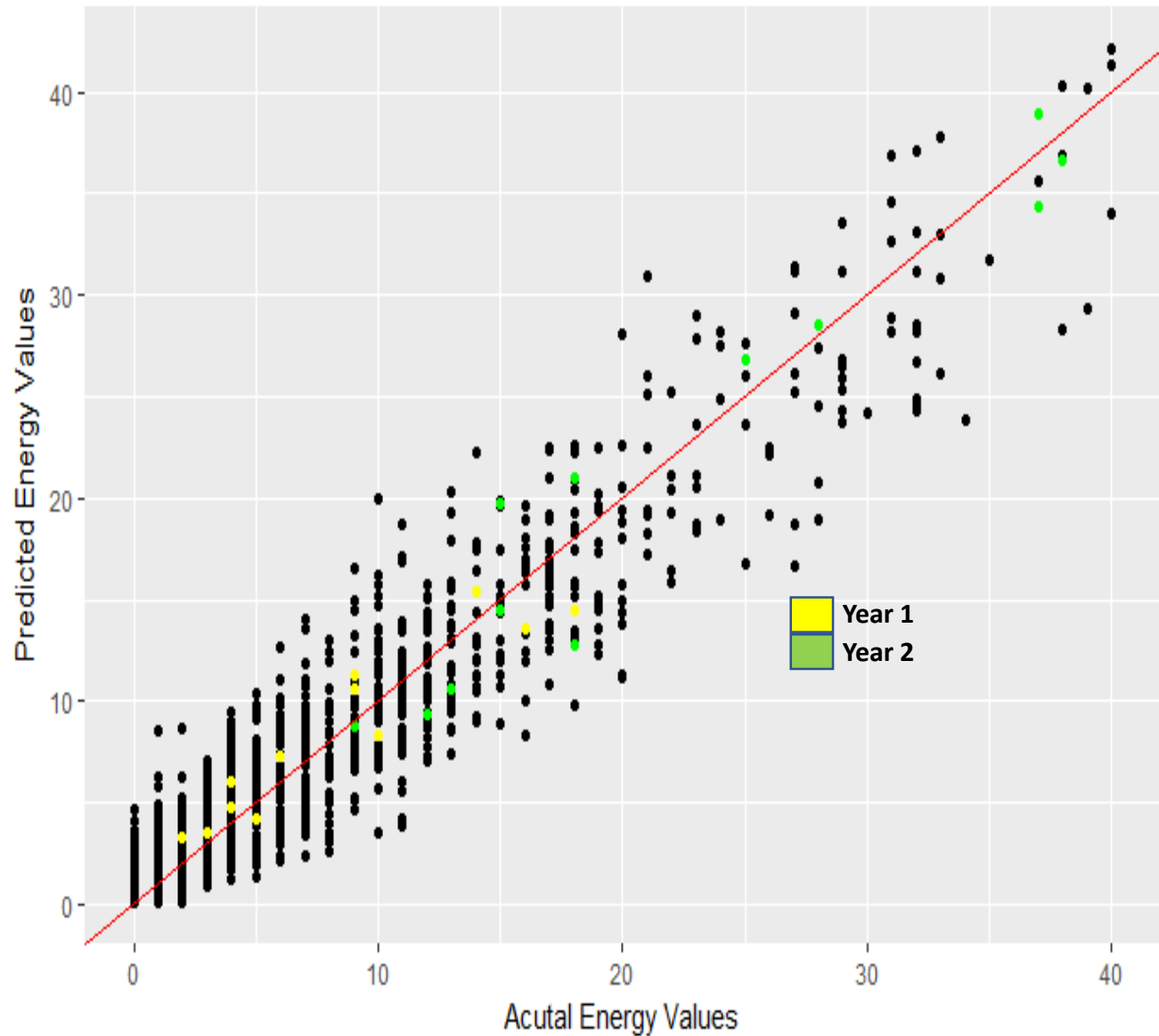
Temperature vs. Energy Consumption



- **Poisson Regression**
- **Region Predictor not effective**
- **Population Predictor not effective**

My Prediction

Predicted Energy vs. Actual Energy (Gwh)



Month	Prediction (Gwh)	LB (Gwh)	UB (Gwh)
1	16	9	24
2	12.9	6	20
3	9.6	3	16
4	8	3	14
5	6.9	2	13
6	4.4	1	9
7	3	0	7
8	2.8	0	7
9	4	1	9
10	5.6	1	11
11	8.7	4	15
12	12.3	6	20

