**Colton Crabtree**

**Drug Y to Sodium Potassium Report**

Recently the “Drug” company has reached out to me in regards to confirming where to distribute their new drug, “Drug Y”. The “Drug” company has 4 other drugs that occupy issues from sodium to potassium, high blood pressure and cholesterol.

Throughout the process I created two models, one of which created a successful result. Also, I gathered the data provided to create graphs that would help with the distribution of the “Drug” company's new drug.

Specifically, I used a linear regression model that demonstrated where Drug Y is best performing in regard to Sodium Potassium. Also I created scatterplots that deepened the visualization on which drug is best for which condition. For high levels of Sodium Potassium, I would recommend drug Y from the linear model. This has shown to be the most common, and best for the situation of having high sodium potassium.