Changes made in Alteryx

❖ Using Alteryx's Aggregate tool, the violation description, violation code, and violation note columns were rearranged into rows to make it easier to analyze the Dallas Food Inspections Dataset.

❖ We properly divide a column into numerous columns using a variety of Regex and text parsing techniques introduced in Alteryx, which was not possible in the previous version of the procedure.

❖ In response to comments from our professor, we modified our Alteryx data model, and we eliminated the Inspection Date SK from the Fact Inspection table since it included redundant data.

❖ We examined the Slowly Changing Dimensions implementation in Alteryx and fixed it, after it was proven to be inaccurate in the first implementation, to increase the quality and consistency of our data tracking.

❖ We combined the Chicago and Dallas Food Inspections datasets using Alteryx, resulting in a new data model that allows us to evaluate the information from both sources in one location.

❖ Using the Union tool in Alteryx, we joined the common columns from the Chicago and Dallas Food Inspections datasets to get a combined dataset that was more thorough and organized.