With world hunger on the rise since 2014, the need to reduce food waste becomes more important with each passing year. Approximately thirteen percent of food is wasted in harvest and retail combined, and seventeen percent of food is wasted among households. Food waste leads to inefficient use of land, water, energy, and labor and it creates food scarcity, which increases food costs. For these reasons, it is imperative to address food waste and devise solutions to counter it. We will be using the ML Olympiad ZeroWasteEats dataset, which includes country, year the data was collected, loss percent and quantity, activity of the food, and the food supply stage. We aim to identify major factors contributing to food waste by using various data mining algorithms to explore potential correlations between various socioeconomic and environmental factors. We will use this analysis to create data-driven recommendations for reducing food waste and promoting sustainable practices for food industries.