PAPER TITLE	AUTHOR	OUTCOME
Enhanced Demand Forecasting System For Food and Raw Materials Using Ensemble Learning	1) K.Harshini 2) Sutari Chaitra 3) Pradeep Reddy	Food wastage and raw materials deterioration are the most noteworthy predicaments faced by any food selling business. To avoid wastage, the restaurants should have prior knowledge of the amount of food required. Several solutions with the help of AI have been compounded to solve this problem of food wastage. Nevertheless, much of this research concentrates on the prediction of sales and its accuracy. It is important to note that sales prediction alone won't be enough to decrease food wastage. Predicting the number of raw materials required also plays a crucial role in reducing food wastage.
Food Demand Prediction Using the Nonlinear Autoregressive Exogenous Neural Network.	1)Krzysztof Lutosławski 2)Marcin Hernes 3)Joanna Radomska 4)Monika Hajdas	Food demand prediction is a significant issue for both businesses processes improvement and sustainable development issues. The data science methods, including artificial intelligence methods, are often used for this purpose. The aim of this research is to develop the models for food demand prediction based on the Nonlinear Autoregressive Exogenous Neural Network.

Demand forecasting in restaurant using machine learning and statistical analysis	1) Takashi Tanizaki 2) Tomohiro Hoshino 3) Takeshi Shimmura 4) Takeshi Takenaka	In this paper, demand forecasting in restaurants using machine learning is proposed. Many researches have been proposed on demand forecasting technology using POS data. However, in order to make demand forecasts at a real store, it is necessary to establish a store-specific demand forecasting model in consideration of various factors such as the store location, the weather, events, etc. Therefore, we constructed a demand forecasting model that functionally combines the above mentioned data using machine learning
Restaurant Sales and Customer Demand Forecasting .	1)Agnieszka Lasek 2)Nick Cercone 3)Jim Saunders .	Demand forecasting is one of the important inputs for a suc- cessful restaurant yield and revenue management system. Sales forecast- ing is crucial for an independent restaurant and for restaurant chains as well. In the paper a comprehensive literature review and classification of restaurant sales and consumer demand techniques are presented.
Forecasting for food demand	1)Fotios Petropoulos 2)Shawn Carver	The sustainability of food supply chains depends on accurately predicting future demand. Fore- casting will form the basis for making decisions with regards to replenishment from the distribution centers and ordering from the supplier