



TEAM 1

Reflect on the topic

Food demand forecasting is one of the vital elements of the supply chain management (SCM). Forecasting the food demand should be efficiently used by available resources to perform and answer the needs of the customer.

SAYS

THINKS

Am i making an impact?
It appeals to the visitor's desire for authenticity within the experience of visiting a destination.

How can I do better?
Build A Dedicated Website.
Use Social Media.

This is time consuming.Certain part of cooking can be made ahead of time and frozen for the next day's cooking/breakfast

What do you think?
Tasty Food.
Invariably the food is tasty and well prepared.
Reasonable Cost.

Improvements in accuracy over time: Better forecasts will be made over time as machine learning algorithms learn from existing data.

Higher customer satisfaction: When products are 'out of stock', this will decrease customer satisfaction, whereas customer satisfaction will increase when products are always available. This improves customer loyalty and brand perception.

Improved workforce planning: Demand forecasting can support the HR department in making efficient considerations between full-time or part-time staff mix, thus optimising HR costs and effectiveness.

Overall efficiency: With demand forecasting, teams can focus on strategic issues instead of trying to reduce or increase inventories and staffing levels.



In foodservice operations, accurate and dependable forecasts of food production demands can help control food and labor costs

A decreased incidence of menu item over- and under-production should lower scheduled labor and production time and optimize use of equipment.

Using AI, organisations can make use of Machine Learning algorithms to predict changes in consumer demand as accurately as possible.

These algorithms can automatically recognise patterns, identify complicated relationships in large datasets and capture signals for demand fluctuation.

As the predictability of customers and the food wastage is not manually possible, usage of such machine learning and data science application will be an great advantage.

This will cause excited responses, especially from food manufacturers and hotels. The Statics will be able to provide the possible accurate information regarding the expected customer number.

What matters is that the wastage of food or the raw products can be reduced significantly using the information from the data bases.

Collecting information may be a lot of work and be tedious, especially to provide the possibly accurate information. And storing the data for various products, raw materials for each food centre will be an challenging situation.

DOES

FEELS