Project Title: DemandEst-AI Powered Food Demand Forecaster

Project Design Phase-I - Solution Fit Template

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Define CS, fit into CR

1. CUSTOMER SEGMENT(S)

Who is your customer?
Our Customers are Restaurant or hotel owners thoes who need raw material for their weekly basis need.

6. CUSTOMER CONSTRAINTS

What constraints prevent your customers from taking action or limit their choices of solutions?
Spending less time to know about the raw material for next 10 weeks and forecasting the details.

5. AVAILABLE SOLUTIONS

Which solutions are available to the customers when they face the problem or need to get the information ?
What pons and cons do these solutions.

Explore AS, differ

Focus on J&P, tap

2. JOBS-TO-BE-DONE / PROBLEMS

Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides.

For predicting the demand for next 10 weeks it is mandatory to know the information about of fulfilment centre like area,city ,etc.,and raw material information like category of products sub category of products price or discount in particular week or days.So data collection is important for classification algorithm to make a machine learning model to predict the demand details.

9. PROBLEM ROOT CAUSE

What is the real reason that this problem exists? What is the back story behind the need to do this job?

This project was initiated mainly to save the time and resources .Too much inventory in the warehouse lead to more risk of wastage ,and not enough could lead to out- of- stocks - and push customers to seek solution for this problems from our competitors

7. BEHAVIOUR

What does your customer do to address the problem and get the job done?
Find the correct web page and Login.

Focus on J&P, tap

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3. TRIGGERS

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What triggers customers to act?
Previous customers experience about fast delivery of products and offers they provide will trigger the new customers to take their order from our website

10. YOUR SOLUTION

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Create the Food Demand Forecaster Estimator to Analyise the raw material of the Restaurent or Hotel.

8. CHANNELS of BEHAVIOUR

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8.1 ONLINE

What kind of actions do customers take online? Extract online channels from # Login web page.

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4. EMOTIONS: BEFORE / AFTER

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How do customers feel when they face a problem or a job and afterwards?

Before this idea customers can accurately forecast their daily and weekly demand after this machine learning model it automatically forecast the no of orders to gather raw materials for next 10 weeks