

# **PROBLEM STATEMENT:**

## **CUSTOMIZED AI**

## **KITCHEN**

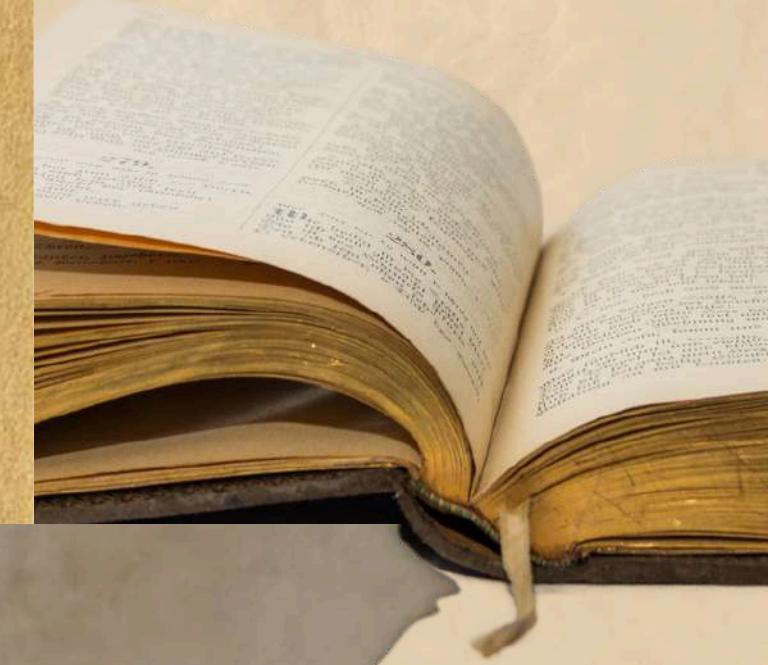
# Introduction



In this presentation, we'll explore how our AI technology leverages advanced algorithms to monitor and **PREDICT THE EXPIRY DATES** of your ingredients. From reducing food waste to enhancing meal planning, our Customized AI Kitchen empowers you to cook smarter and more sustainably.

# Features Offered

Utilizes machine learning algorithms to accurately predict expiry dates of stored ingredients. Learns from user feedback to improve accuracy and relevance of expiry date recommendations. Alerts users proactively about upcoming <sup>t</sup>expiry dates, facilitating timely usage or replacement. Coordinates with smart appliances to streamline cooking processes aligned with ingredient expiry. Graphical displays of pantry status and upcoming expirations for quick decision-making.



# Objectives

Minimize Food  
Waste

Enable Smart Inventory  
Management

Only six running parts from  
motor piston to rear wheel—the  
simplest drive in the automotive  
world.

Get the maximum  
driving pleasure  
flying on wheels. Flyer  
checks—abounding health.

# Methodology

1. Data  
Collection.  
2. Machine learning  
Algorithms.

3. Training The  
AI Model.  
4. Splitting The Data.

5. Training &  
Testing.  
6. Deploying.

# Our Team

Janaranjani C

Dharshini V

# RESULTS:

## Accuracy of Expiry Date Predictions:

Present statistical metrics (e.g., accuracy, precision, recall) achieved by the AI model in predicting expiry dates. Compare predicted dates against actual expiry dates to demonstrate the effectiveness of the model.

## Reduction in Food Waste:

Show percentage or quantity reduction in food waste achieved due to accurate expiry date predictions. Highlight cost savings or environmental benefits resulting from reduced food waste.



# Thank You!

