

MAGNATHON 2022

**TEAM HELLO WORLD**

# Team Members

**COLLEGE: CUSAT**

- Leader
  - Dev Narayan C B
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# PROBLEM STATEMENT

Hunger and poverty was serious issue faced by the people around the world. Almost 53% of the world's population is in this category. The basic need of a living being is to get nutritious food and water. human are the smartest living being among the world, but still they can't find their own food....

- A solution to eradicate unemployment
- A technology to reduce the scarcity of food
- A system to distribute nutritional food

# METHODOLOGY

Supervised Machine Learning has lately proved to be one of the most prominent and efficiently improving methods comprising of several solid techniques and algorithms for the classification, manipulation, and reorganization of databases using the concepts recursive learning.

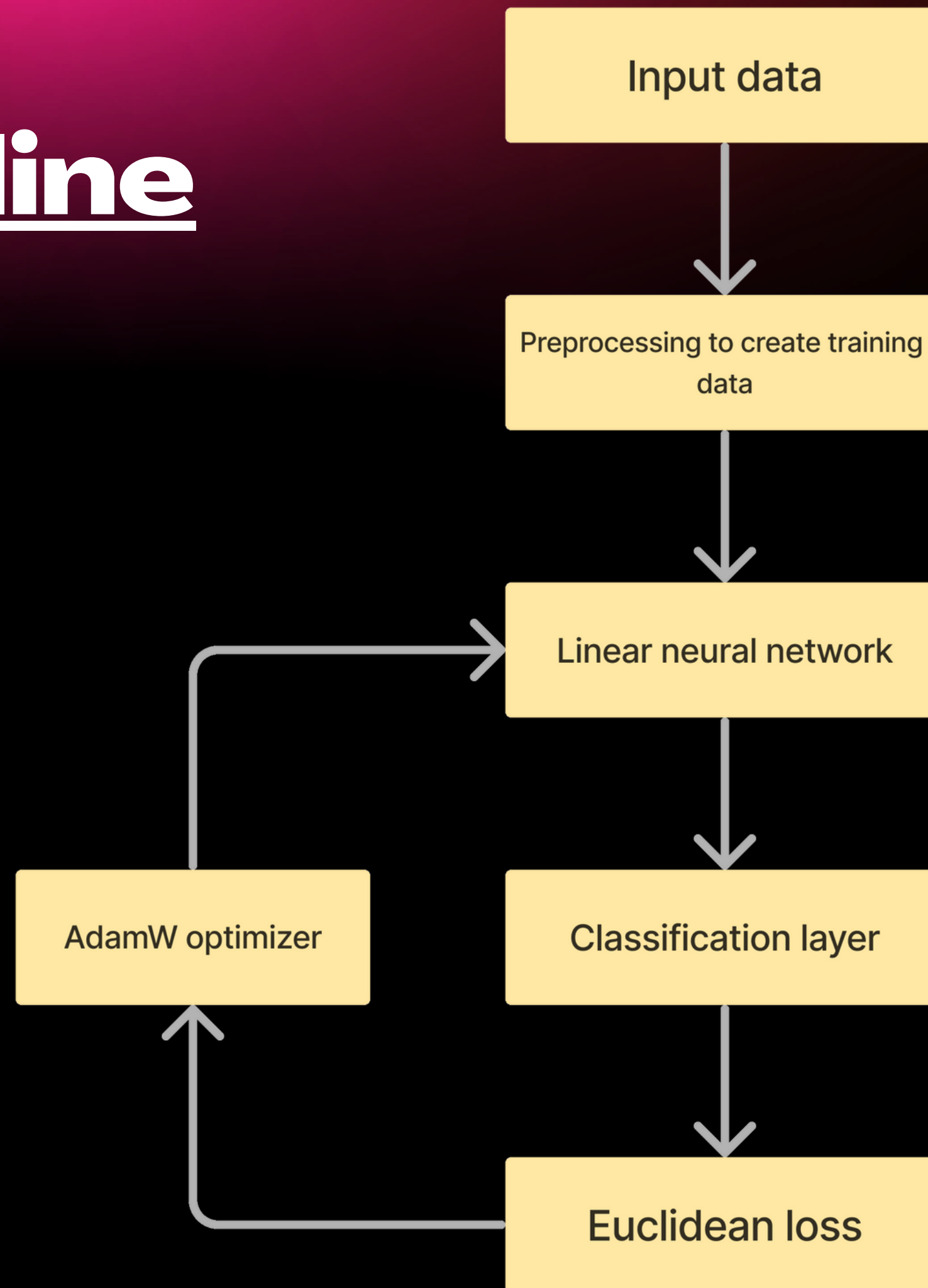
We aim to predict the amount of food and predict their qualities and quantities in domains like community kitchen, restaurant, school/college mess and all of the food industry by utilizing supervised machine learning.

# PLAN OF ACTION

Quantity of food produced:

- we intent to build a supervised machine learning model, trained using a general dataset regarding the demand for food and can predict the quantity of food required for a given set of variables
- the trained model can later be fine tuned using the data of a specific location so that the produce more locally accurate results
- the algorithm used for learning is based on naive bayes and logistic regression classifiers

# Pipeline



**" The world has enough for  
everyone's needs, but not  
everyone's greed "**

**Mahatma Gandhi**

THANK  
YOU

