



**CHRIST**  
(DEEMED TO BE UNIVERSITY)  
BANGALORE | DELHI NCR | PUNE

Department of Statistics and Data Science

**PROJECT DIARY - Sep 2025**

Class: MSc Data Science

Trimester: V

Course : MDS581 - PROJECT - II

Student Reg. No: 2448040

Name: Neelanjana Dutta

Guide Name: Dr. Sathya P

Date: From : 22/09/25

To: 27/09/25

**Task Completed:**

My focus in week 1 was on analyzing the dataset structures and checking their usability for our planned features. I reviewed USDA and OpenNutrition data for linking nutrients with food items and serving sizes, and studied Food-101 for image based classification. I also explored suitable models for chatbot and food recognition to ensure feasibility and efficiency.

**Task Planned:**

My task for next week will include supporting dataset integration and starting EDA by creating initial visualizations such as nutrient distributions, food category frequencies, and correlation between major nutrients. I will also document data quality issues and prepare pre processing steps for later model training.

  
Guide Signature