

# Kitchen Data Collection - Assignment 1 Write-Up

## Zoya Sood

I observed and recorded kitchen activity during three home-cooked meals. I collected the following data:

- Dish name
- Ingredients and their quantities
- Spices used
- Utensils
- Cooking duration
- Estimated servings and calories

I chose these because they reflect how real-world data can be structured from everyday tasks. Cooking involves measurable steps, which makes it suitable for data collection.

I created three separate CSVs:

- ingredients\_log.csv - ingredients and quantities
- utensils\_log.csv - tools used and cooking duration
- nutrition\_log.csv - servings and calorie estimates

Separating them made the structure clearer and aligns with how datasets are often organized in real projects.

- Spice quantities are often approximate, especially in home cooking.
- Measuring calorie data accurately was difficult; I used online estimates.
- Tracking utensils highlighted how cooking tools impact the recipe.

I installed VS Code and also installed Miniconda from the official site and installed it inside WSL. Miniconda lets me manage Python versions and create clean environments for each project.

I used VS Code to write Python code and manage files, and Google Sheets to collect and export data as CSV files.