Step 2: Organising and Describing the Data

Type	Parameter	Sample
Input	Clock	7:00AM, 1:00PM
Input	Food Sensor	75%
Input	Weight Sensor	250g

Type	Parameter	Sample
Output	Alert Notification	Low Food
Output	Motor Control	Motor Issues
Output	Display	Food Level, Time left

Features:

- Automated monitoring of food times and bowl weight
- Alert Notifications

Inputs:

- Scheduled Feeding times (Ex. 7AM, 1PM)
- Measure Food in the bowl

Outputs:

- Low Food alerts
- Reports Motor fault

Assumptions:

- Sensors are accurate
- Food is stocked already

Expected Outcome:

- Food is dispensed at the scheduled time.
- The exact amount of food is dispensed