MRes Project Meeting 6

Attendees: Maria Fox, Sophie Turner.

Date: 14/6/2022.

Time: 15:00.

Location: Zoom.

Agenda

Final review.

Progress

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task | Assignee(s) | Deadline | Done | Comments |
| Add treats and drinks | Sophie | 14/6/22 | Yes | Once a week |
| Including field campers’ rations | Sophie | 14/6/22 | No | Deadline extended |
| Create a spreadsheet of results | Sophie | 14/6/22 | Yes |  |
| Include a variety of different meat types each week | Sophie | 14/6/22 | Yes |  |

Questions/problems

Solver was not varying breakfast options at all in accordance with the objective criteria. Sophie and Maria investigated the code but were unable to identify any errors. Sophie will look into this bug in more detail in an isolated test environment.

Discussion

Entire dataset of personnel schedules was too large to run due to nested loops and time complexity. Data were split into batches of smaller sizes. Ensure that food is not leftover from batches and wasted.

Randomly include different meals in addition to the typical weekly plan to increase variety.

In the report, show the differences between different diet types such as meat, vegan, etc.

Provide operations people with a shopping list. They don’t need the menu. The chef and guests need the proposed menu.

Next tasks

|  |  |  |
| --- | --- | --- |
| Task | Assignee(s) | Deadline |
| Include packaging waste data and minimise it. | Sophie | 20/6/22 |
| Change calculations from Twin Otter to Dash 7. | Sophie | 20/6/22 |
| Finish all code and begin report. | Sophie | 20/6/22 |

Next meeting

Agenda: Last wrap-up.

Attendees: Maria Fox, Sophie Turner.

Date: 21/6/22.

Time: 15:00.

Location: Zoom.