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| GROUP D – 5th Meeting minutes | |
| Location: | Virtual (Zoom) |
| Date: | 28/05/2021 |
| Time: | 7:30pm – 8:30pm |
| Facilitator: | Bahee Gnanasundram |

# Agenda Items

1. Discuss the finding of data
2. Discuss the progress of the MLP model
3. Working out action plan.

# Meeting Minutes

Start Time: 7:30pm

Finish Time: 8:30pm

Attendees: Bahee Gnanasundram, Maththew Seery, Rahul Lobo, Mohammad Ahsan Ullah

**Outcome:**

* 1. Bahee presented that MLP model takes temperature and the timeslot, month and day of the week treated as categorical variable and implemented with one hot encoding and fine tuning the model.
  2. Matt presented the complete temperature data by getting the average temperature between missing timeslots. He is to start exploring the LSTM with time series.
  3. Bahee confirmed that all trial code and data placed in scrap pad directory for others to explore.
  4. Ahsan placed the data visualization in git.
  5. Rahul will validate MLP model.

# Action Items

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| Task | Name | Completion Date | Current Status |
| Meeting Minutes | Bahee | 16/05/2021 | Completed |
| Git Repository Setup | Matt | 16/05/2021 | Completed |
| Group Project Plan & | All | 18/05/2021 | Core work completed. Matt will make the submission on the 18th.  Completed on the 18th May |
| Check list | All | 18/05/2021 | All will respond individually based on the group decision.  Completed on the 18th May |
| Booking with a lecturer | Bahee | 14/05/2021 | Booking made with Gustavo Batista for 1PM-2PM, 18/05/2021 |
| Review Data | All | 24/05/2021 | Completed |
| Preprocess Data | Matt, Bahee | 31/05/2021 | 80% completed |
| Document Data Visualization | Ahsan | 27/05/2021 | Completed on time |
| Statistical Analysis of data | Rahul | 31/05/2021 | On going |