

# Minutes Saturday 15/05 - Team Standup

**Date** : Saturday 15/05/21, 5-6pm

**Attendees** : James Cleaver, Md Ruhul Amin Sarker, Peter Morian, Jittinun (Nee) Trairattanasirikul

- Use PowerBI for presentation (interactive, filters, etc)
- Assignment 1A
  - Project plan - James
    - Finalised question
      - Create models to tackle the large gaps between total and forecast demand.
      - Target: getting RMSE < 80 (their model RMSE is 85)
      - Incorporate data for daylight, how long is the day, seasons
    - Use scrum, use roadmap and sprint plan, don't use Gantt chart
  - Abstract to include in the report - Peter
    - From Michele: *We aim at forecasting rainfall events in the context of Pakistan, which is frequently subject to extreme flooding events. Using high frequency data on rainfall from several locations in Pakistan we will use neural networks and time series methods to produce forecasts of both rainfall levels and occurrence of extreme rain events. The methods adopted will be produce forecasts which will be compared against actual realizations and measured by means of MSE and more specialized metrics to take into account the rarity of the flooding events.*
  - Peter: 1 & 3, James: 2&4, James to convert into RMarkdown for submission (not allowed to submit in MS Words)
  - Everyone to review before submission
  - James to submit 1A tomorrow (Sunday 16/05?)
- Assignment 1B - everyone need to do their own quiz
  - Additional tools: Power BI and MyBib - <https://www.mybib.com/#/projects/RkVqwK/citations>

Next meeting:

- Tomorrow Sunday 5pm sydney time