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| meeting Minutes | |
| Week 2 | |
| Date: | 14/09/2023 |
| Time: | 7pm |
| Minutes Taken by: | Hao |

# In attendance

Louis, Mark, Hao

# Actions/Tasks

* **Louis:** 
  + Finalise the list of models, will definitely go with lasso regression.
  + Potentially may divide the models amonst members
  + Need to find justification to explain why each model is chosen
  + Provide summary table with techniques to Mark for literature review
* **Mark**
  + Will work on intro based on research question
  + Will look into best approach in terms of presentation
  + Will look into different approaches into making predictions, such as ARIMA, lasso, SVM, and potentially random forest
* **Hao**
  + Will publish the latest revision of code onto GitHub
  + Will start generating the following:
    - Data summary
    - Scatter plot broken by various factors (eg. Temperature, seasonality)
    - Line charts of predictions versus actual

# Decisions/Discussion

* Skeleton of R markdown is completed by Louis
* No research paper specified why certain time point is used for prediction (Mark)
* It’s always the 3 forecast period
* Confirmed that the project will model the forecast of the next hour
* Sporadic gaps in data in terms of timestamp
* Scheduled meeting with Armon on next Tuesday (19/9/2023), will ask the following questions:
  + Techniques advice
  + What to do with data gaps

## Next Meeting on Thursday 21st September at 7pm.