
Meeting Agenda

Location: UNSW Collaborate Session

Date: 4-Apr-2022

Time: 5:30 PM

Agenda details:

- I. Hypothesis testing—we would like to hear your reactions to the following:
 - a. We are proposing to use a single state, NSW, with a focus on the last 7 years. The reasons are 1) we have a hypothesis that using multiple states would essentially require building multiple models, which would be time-consuming, 2) we think the first three years of data are probably not especially relevant given their age and the fact that they are higher than many others, and 3) we think the last two years are probably not representative given they probably show COVID-induced declines
 - b. We are focused on energy generators as our clients. Based on an interview we conducted, we believe that they will be most interested in scenarios at time frames ranging from 30 minutes to 1 day, with mean, upper-bound, and lower-bound estimates
- II. Explanation of neural-network model—we would like to outline our approaches and get any feedback you may have on:
 - a. Reason for selecting the model
 - b. Overall architecture
 - c. Feature selection and hyperparameter tuning
 - d. Results
- III. Explanation of Random Forest model—we would like to outline our approaches and get any feedback you may have on:
 - a. Reason for selecting the model (e.g. chose RF over SVM, multivariate linear model)
 - b. Overall architecture
 - c. Feature selection and hyperparameter tuning
 - d. Results

IV. Any other business