

UDL + UBCO Meeting

2020-06-19 / 2:00 PM / Zoom

Attendees

Connor, Claudia, Eva, Alex, Jiachen, Mike

Agenda

1. Review action items from last week
2. Program Schedule Update
3. Review Report and Presentation outlines
4. Discuss Grafana visualization and database update
5. Last weeks progress
6. Plan for next week

Action Items From Last Week

- ✓ Let UDL team know when our scheduled presentation time is for the MDS program so that they can let us know if they can make it, or if we need to setup a separate presentation time
- ✓ Prepare at least an outline for the final report and presentation to share with Jiachen for next week's meeting
- ❑ Final Report
 - ❑ Include an explanation of how the data was given a NRCan label to help building managers with sub meters and meters. It could be included in a future development section
 - ❑ Include limitations of submeter data that Arthur alluded to
 - ❑ Include a section about future applications (once we have these end use classifications how can this be used to help building managers in the future)
 - ❑ Section discussing the data cleaning required for this project

Program Schedule Update

- Next week is the last week
- Presentation time is Tuesday June 23rd at 3:10 PM we will send the link as soon as we receive it
- Are we meeting next Friday to do a final debrief?
 - Yes, same time as usual works

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Review Report and Presentation Outlines

- [Presentation](#)
- [Report](#)
- [1-Page Summary](#)

Discuss Grafana Visualization and Database Updates

- Show Grafana visualization w/Flux query using screen share
- Not sure what the actual measurements represent (all cumulative energy readings? Ok to just show as %?)
- Discuss how to hand off Grafana (Docker file w/dashboard .json file? Set up on some existing server?) [look into free web account, document how to setup locally (probably with docker)]
- Grafana currently pointing at UBC_EWS. Plan to leave it this way but include a draft Flux query on git repo for using the READINGS measurement?

A Grafana visualization is available [here](#) with username `udl` and password `udl2020` for public log-ins. Users can click on “Panel Title” and choose “Edit”, which allows them to edit the query and select a time range for the data.

Last Week's Progress

- Started on drafts for final report and final presentation
- Finished tuning the model
- Completed main.py file
- Created placeholder dashboard

Plan for Next Week

- Presentations
- Finish final report
- Clean GitHub repository
- Complete example jupyter notebook

Action Items

- ❑ Make documentation assuming that the reader knows nothing about SkySpark

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- ❑ Make sure to explain what each chunk of code is doing
- ❑