

Weekly Sprint Planning

2020-06-12 / 10:00-11:30 / Zoom

	WEEKS	DATES	GOALS
Investigation and Research	3	27 April - 14 May	Identify project objectives and key data features + understand data dictionaries + research machine learning techniques to classify building sensors
Training/Testing Data and Data Prep	1	15 - 21 May	Create training/testing data + transform data for machine learning tasks
Feature Selection and Engineering	1	22 - 28 May	Aggregate data + create smaller categorical levels + identify relevant features
Initial Modeling	1	29 May - 4 June	Develop a classification model to apply group tags to end-uses for the Pharmacy building + finalize main script to clean data and feed data into models + UBC mid-term presentation
Tuning Model	1	5 - 11 June	Validate and evaluate models
Dashboard and Wrap-Up	1	12 - 18 June	Create visualizations of results + data pipeline of results + complete user-acceptance testing of dashboards + start final report + unit testing
Wrap-Up	1	19 - 26 June	Final report + package final code + complete unit testing + UDL final presentation + UBCO final presentation
Total Weeks	9		

1. What was our goal/theme from last week?

Goal: Tuning Model

2. Which tasks did we complete?

- Sent Jiachen a list of problematic data
- Expand the Main_Pseudocode to include expected step outputs
- Query additional days of data
- Develop code for grid search
- Create training and testing set

3. Was there anything stopping us from finishing specific tasks?

- Connor forgetting to include weather data in the training
- Time

4. What tasks are still in progress?

- Tuning the model
- Populating the main function
- Modeling the EC and NC relationship
- Develop various classification models for NRCan tags
- Optimize and clean the code

5. Are there any changes that need to be made?

- No

6. What is our goal/theme for this week?

Goal: Tuning, dashboard and wrap-up

7. What tasks need to be added/replenished to the Backlog?

8. What tasks are most important and should be pulled from Backlog to In progress?

- Task 1
- Task 2
- Task 3

9. Are there any dependencies between In Progress tasks?

a. If so, how will that be organized?

10. Who is going to be assigned to which tasks and update in Jira?

Person	In progress Tasks	New Tasks
Claudia	●	●
Connor	●	●
Eva	●	●

Alex	•	•
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- **Start on final report**
- **Start on final presentation**
- **Start on Jupyter notebook on how to use main.py/modules**
 - **Start on Colab**
- **Create placeholder dashboard (visualization)**