### Feb 2 12:00-12:45 EST

Participants: Yujie, Jim, Michael, Thee, Zona (TF)

Note-taker: Thee

Agenda:

* Self- introduction (year, concentration, interests, experience, plan…)
* Discuss meeting procedure (notes taking, agenda)
* Discuss who will attend the first meeting time for partners (Monday 2.7)— assume we are all familiar with the question
* Discuss weekly meeting time week for team and TF
* Create a group channel (slack, what’s app)
* Divide next week’s work (statement of work due next Wednesday 2.9)
  + data, modeling, writeups, infrastructure
* Any question to Zona?
  + What to get out from partner meeting each time?
  + Platform of data storage, notice last group use AWS

Notes:

First meeting with partners: Yujie, Thee, Jim, Zona (Maybe)

* Read over last semester’s paper over the weekend
* Come with ideas and questions when meeting with partners
  + About data sources: what are they specifically, how to use them, concern/potential error
  + About problem statement: ask them to give us a starting point based on data, their domain knowledge, or where they left off last semester.
* We will stay after the meeting to finalize the problem statement

Usual weekly meeting time:

* Tue 10-11am
* Yujie will send out calendar invite

Group channels:

* Slack for all of us including partners and Chris (that’s a maybe, will ask partners)
* Separate channel for the 5 of us excluding partners and Chris

Phone number:

Thee 617-515-2251

Yujie 860-328-7868

Michael 305-542-6184

Jim 44-7874-075-416

### Feb 8 10:00 - 11:00 EST

Participants: Yujie, Jim, Michael, Thee, Zona (TF), Chris (Instructor)

Note-taker:

Agenda:

* Each of us present our thoughts on project topic, including related work, models, evaluation metrics, datasets, and difficulties we might encounter
* Pick one of these
* Discuss statement of work

### Feb 15 10:00-11:00 EST

Participants:

Agenda:

Regular meeting time with partners (Wed 8am)

Work statement recap

* Predict (time-series) the drought risk in the continental U.S. and its impact
* May or may not use satellite images / computer vision models
* Final deliverable: research paper/dashboard

Ignite presentation

* Grab the attention of the audience, convey key information, and allow for presenters to share their ideas in a brief period of time
* 4-minute presentation
* The slides should automatically advance based on a preset timer
* Each slide will last the same number of seconds
* All members of the team must deliver some of the presentation -- ideally, equal contribution
* Keep the slides simple and straight to the point!!!

3-4 takeaway points

* (Problem background) Why is drought a big deal? E.g. economical impact & how is this related to AI for social good at QB (Jim; 2\*20s)
* (Problem statement): E.g. What is it and its use case? Why did we pick this problem statement? (Thee)
* Our plan to approach this project: E.g. 4 phases (Yujie)
* Datasets: E.g. EDA / Challenges expected from combining data from different sources (Michael)
  + Focus on: already explored data (include charts/maps), we figured out the diversity of the data, so we recognize the difficulty of combining datasets
* Conclusion & Future Work (Yujie)

(20 seconds each, 3 slides each person)

Take one point for each person. Practice run tomorrow.

Data and EDA

Links

Ignite presentation template:

<https://docs.google.com/presentation/d/1IGTd6YnvJGu3ki05EF2CK0pw9jY_Rl8wG3meuQ_X4OE/edit#slide=id.g1143b5bfacd_1_0>

Ignite presentation guideline:

<https://docs.google.com/document/d/14Vxf_dBrwhoxmIaWhOI4VxCogQyeJZsxF0ZtEaM_lhQ/edit>

Ignite presentation example:

<https://docs.google.com/document/d/1NwCskMI8EDD3Qsy9lhIrTAEZYCkMI_YfIwAja95OaG0/edit#heading=h.xf5wxbn7cdqy>

Dataset table:

<https://docs.google.com/spreadsheets/d/14gU9FeRRlm1GxKo22o9_4oYepvBkUGa0TYhrjVIhwDM/edit#gid=0>

Notes

Ignite talk:

Talks about challenge, then resolve in the next presentation

Will encounter data problem, do data exploration, provide EDA

Make slide really simple

Use images for problem statement

Conclusion:future work: explore + utilize as much as possible, can talk about modeling don’t be sure