MLOS² Lecture 1 Primer on Research



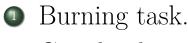




• Quality above all else.

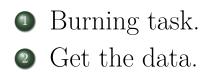
• Quality above all else.

2 Two drops to zero much faster than it drops to one.



Get the data.

5% inspiration, 95% perspiration.



- Interesting data.
- 2 What's the right task.

5% inspiration, 95% perspiration.

Burning task. Get the data.

• Interesting data.

- What's the right task.
- Overlop methods to answer.
- Test methods, get results.
- Write paper.

5% inspiration, 95% perspiration.

- **1** NLP Methods. Unstructured to structured data for disease. (PAHO, WHO, UN Portal, ...)
- Disease Modeling: NASA EO-data+Disease dynamics for prediction (e.g. lag times).
- S Agriculture and food dependence on weather dynamics and extreme events.
- Critical infrastructure vulnerability to weather (e.g. hospital, power, transportation).
- Wild fire empact on society and environment (eg. polution driven health effects).

- Identify and become familiar with data. Checkin Friday.
- **②** Preliminary exploration and idetification of research questions.