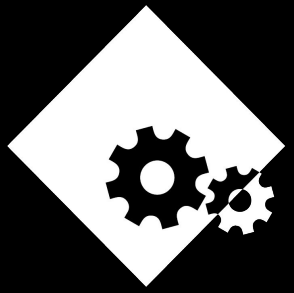

acm research.

build night 2

intro to ML

acm research.

continue to be proud.

that is all. 😌

agenda

- go over homework, share findings/blockers
- skim the reading one more time
- github + colab workflow
- wtf is tensorflow?
- codelab: let's make a simple feed-forward neural network
- homework stuff

project structure*

1. welcome & problem definition
2. intro to machine learning
3. sequence models
4. sequence models ii federated learning
5. federated learning ii
6. data sourcing & preparation
7. data prep ii & model training
8. model pruning & federation
9. poster & presentation work
10. poster work ii & practice

* this will probably change. hopefully not though because it makes planning things a pain. so yeah.

acm research.

how was the homework?

TensorFlow? What's that?

- TensorFlow is a machine learning library designed by Google
- It has this set of APIs called Keras which are powerful to create machine learning models fast
- Do not expect to master TF, it is a *massive* library with utilities to do basically everything you might need

let’s do an example.

code. let’s talk about it.

homework on github