

ASSIGNMENT 1
FEATURE ENGINEERING STUDIO
PROFESSOR RYAN S.J.d. BAKER
PROBLEM PROPOSAL
DUE IN CLASS, MONDAY SEPTEMBER 16

The goal of this assignment is to propose a problem that you will work on during the semester.

Step 1: DON'T PANIC!

- No idea is perfect
- You definitely don't have to have a perfect idea by next class
- We'll talk about this and work on it together
- If you're totally lost, come to the special session Wednesday. We'll get you rolling.

Step 2: Prepare a 3-minute talk

- Tell me about your data source
 - Where did it come from?
 - How big is it?
 - You need to already have this data set, or be able to acquire it in the next 2 weeks
- Tell me what you want to predict (what variable)
- Tell me what kind of variables you'll use to predict it
- Tell me why this is worth doing

- Look at the discussion in the Monday September 9 lecture slides for important considerations!

Step 3: Email me your slides before class

Step 4: Give your talk in class

- Be ready to answer questions
- Be ready for friendly criticism