

- The number of trees you used 550
- The number of features you used 13
- The number of instances you used to build each tree 600
- (optional) any other settings `max_depth = 5`

- Briefly describe the difficulty you encountered (1%)

I spent a lot of time understanding every function. The detail of function is not hard. For example, the entropy is for each data. But it looks like it is for all the data. And I wasn't familiar with pandas as well. I took a lot of time searching API. And it takes long to train the model, so I figure out a way that can be faster. I don't call `ig` every time. I just calculate in `find_best_split()`.

- Summarize how you solve the difficulty and your reflections (2%)

As above, it is very important to be familiar with numpy, pandas for this course. And I think it is very good to have a more detailed template to do the homework. Unlike HW1, I used less time doing HW2. And it went more smoothly. Thanks!