Half-way progress:

So far we have accomplished the following steps, which aligns with our plan.

1. Transformed the algorithm in the paper to code.
2. Downloaded the data. Cleaned the data and merged the ‘buys’ and ‘clicks’ datasets.
3. Deployed the basic RNN model on google colab GPU.
4. Deployed a CRNN model on Box.
5. Implemented the feature engineering (added contextual features).
6. Conducted hyper parameter tuning.
7. Prepared a second recommendation dataset for next steps.

Responsibilities:

Daren Ma – 1, 2, 3, 7

Annette Lin – 4, 5, 6

Github Repo

(It’s a public repo so the quality of code matters. Notebooks will be cleaned and added on the weekends):

<https://github.com/darenma/CRNN>