**Sunny-side-up Challenge Completion Goals**

**Timeline Group 1**

Finish Code/PR/Merge of Pat's data loaders

Finish PR/Merge of TDYers gensim/baseline code

Start job to estimate time needed for 30M Amazon Reviews on CrepeCNN

Document specs for run→results output:

* Overall accuracy on binary classification
* Overall accuracy on multiclass classifiation (if time permits)
* Accuracy towards positive labels
* Accuracy towards negative labels
* Staged on incremental dataset sizes (i.e. 10%, 25%, 50%, 100%)
* Runtime performance

Mturk Arabic data

Blog drafts→publication

**Timeline Group 2**

Finish data loaders *(dependency: Pat PR merge)*

|  |  |  |
| --- | --- | --- |
| **Dataset** | **Dataloader**  **Char Encoding** | **Dataloader**  **Embedding** |
| IMDB |  |  |
| Amazon Reviews |  |  |
| Sentiment140 |  |  |
| Open Weibo |  |  |

**Timeline Group 3**

Finish NN Architectures *(dependency: finish data loaders)*

|  |  |  |  |
| --- | --- | --- | --- |
| **Architecture** | **Keras** | **Theano** | **Neon** |
| Crepe CNN |  |  |  |
| Keras-example: CNN |  | N/A |  |
| Keras-example: LSTM |  |  |  |
| BradNN |  |  |  |

**Timeline Group 4**

Run NN data → architectures → results

Get baseline sentiment results *(dependency: data loaders)*

**Timeline Group 5**

Challenge Wrap-up

**Non-working Days**

10/22: Kyle

10/23: \*

10/26-27: Brad

10/6: Kyle (half-day in LA)

10/18-20: Pat

10/20: Brad

10/23-25: \*