1. Building a Classifier
   1. Design a neural classifier
   2. Implement your neural classifier
   3. Create a config file
   4. Accuracy

Using the above configurations, we decide to vary \_\_\_\_\_ as our hyperparameter of choice because \_\_\_\_\_.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Lr | encoder\_type | hidden\_size | classifier\_layer | elmo | google\_news\_embed | classifier\_dim | train\_acc | dev\_acc |
| 1 | 0.01 | lstm | 256 | 3 | yes | yes | 1024 |  |  |
| 2 | 0.01 | Stacked\_bidirectional lstm | 256 | 3 | yes | yes | 1024 |  |  |
| 3 | 0.01 | Stacked\_bidirectional lstm | 256 | 2 | yes | yes | 1024 |  |  |
| 4 | 0.01 | Stacked\_bidirectional lstm | 128 | 2 | yes | yes | 512 |  |  |
| 5 | 0.01 | Stacked\_bidirectional lstm | 128 | 2 | yes | no | 512 |  |  |

We find that the best

1. Kaggle

We end up with \_\_\_\_\_\_\_\_\_\_ on Kaggle.