

## Team AmazingS3 Progress Report

- Our team is **Amazing S3**
- Following are the team members
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  - Santosh Kore [kore3@illinois.edu](mailto:kore3@illinois.edu)
  - Suraj Bisht [surajb2@illinois.edu](mailto:surajb2@illinois.edu) (Team Leader)
- Project: Text classification competition

**Task completed:** Team tried various models i.e. LSTM, sequence, RNN, Spacy, Naïve, Embedding, Logistic regression, RandomForest, SVC and BERT

After performing pre-processing and data cleaning with BERT model our team have crossed baseline, following is the current view

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**Pending task:** Team is currently working to optimization model i.e. using different BERT variant, tuning parameters and including context

**Challenges:** After working on various model, BERT is working well for current assignment. BERT model requires heavy computing resources hence on desktop building and training model takes around three hrs. Our team is looking for some resources specially GPUs for tuning parameters and optimizing model