

CS410 Project Progress

Team: Spiderman

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1) Which tasks have been completed?

Our project is to build and train a classifier for predicting sarcasm in a sentence. So far, we have completed the below tasks:

- Get the data
- Clean and transform the data
- Exploratory data analysis
- Feature engineering and selection
- Machine learning using the training dataset

2) Which tasks are pending?

We still have these tasks pending:

- Evaluate the trained model
- Deploy the model
- Testing and validation of final outcome
- Documentation and presentation

3) Are you facing any challenges?

Yes, we do face the following challenges:

- Preparing the dataset. We have a ready-made dataset in google but we are building upon it rather than using it as-is.
- Trained model is not giving more than 80% accuracy
- Hyper parameter tuning – finding the right parameters to improve accuracy