

# CS 6350 Machine Learning Project Proposal

Title: Predict Closed Questions on Stack Overflow.

## 1 Team Members

- Aravind Senguttuvan (u0877727)
- Anirudh Narasimhamurthy (u0941400)

## 2 Description of the problem

After a question is submitted in StackOverflow, the proposed algorithm classifies whether a question will be closed or not. Classifier will output a label based on four features namely Off topic (OT), not constructive (NC), not a real question (NRQ), too localized (TL) or exact duplicate.

## 3 Interesting features

If the model works accurately, then there wouldn't be a need of manual intervention to close a question posted on StackOverflow.

## 4 Techniques Used

The paper <http://ceur-ws.org/Vol-1031/paper2.pdf> uses Random Forest, Support Vector Machine(SVM) and Vowpal Wabbit techniques to determine if a question should be closed. We are trying to prove the paper's evaluation.