

TEAM
8

Stacklite: Stackoverflow Tag Prediction

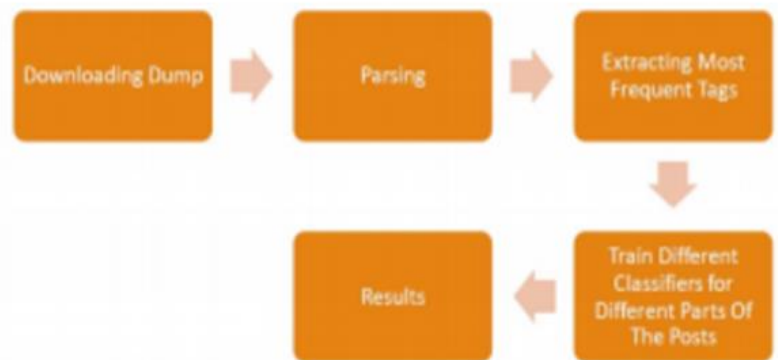
Abstract

Stack Overflow forum is a widely used platform for people to interact on topics related to Computer Programming languages. Stack Overflow is emerging as the biggest question and answers forum for programmers. Currently the tags are entered manually by users depending on the questions they have posted. Since there are a huge number of tags, it is a difficult process to search the correct tag. It may be useful to have an auto-tagging system that suggests tags to users depending on the content of the question.

Modules

- Data Preparation
- Model Building
- Training and Results

Architecture



Tools and Technologies

- Python 3.6
- Pandas
- Sklearn
- Matplotlib
- Numpy

Conclusion and Future Scope

In this project, we implemented different classifiers that will be able to predict the tags for the questions present on the online forums. In the given time we have reached 81.9% accuracy using Logistic Regression. To achieve better performance we plan to implement it using other regression techniques and analyse the performance.

Guide

A.Rajashekar Reddy
Assistant Professor
rajasekharreddy.a@bvrithyderabad.edu.in

Team



G.Shrenika
16WH1A1217



Ch.Ramya
16WH1A1211



G.Samhitha
16WH1A1218



Ch.Urnala
16WH1A1260