

Github Recommender System

Aman Kumar Chourasiya (2019CSB1067)

Harshwardhan Kumar (2019CSB1089)

Krithika Goyal (2019CSB1094)

23rd September 2020

1 Introduction

1.1 Problem

Can the data of contributors and contributions in GitHub is similar to Facebook friendship network? or does it's graph gives similar visualisation like other social media or websites like Netflix?

1.2 Project Importance

There are several attempts by Developers and companies like Google to make all contributors come together. If we can analyse the graph of contributions in GitHub. This will benefit :

Contributors - To find projects matching their interest areas. Number of contributors on GitHub will also increase.

Open projects - More contributors leads to more contributions, which further leads to new ideas and also increasing the quality of a software.

Software Community - The community will get close and flourish.

1.3 Final deliverable

This project will make recommendations to contributors according to their interests and past works. This recommend-er system is going to be the final deliverable of the project.