

University of North Carolina Charlotte

Wikipedia Vandalism Visualization

Project Report

By

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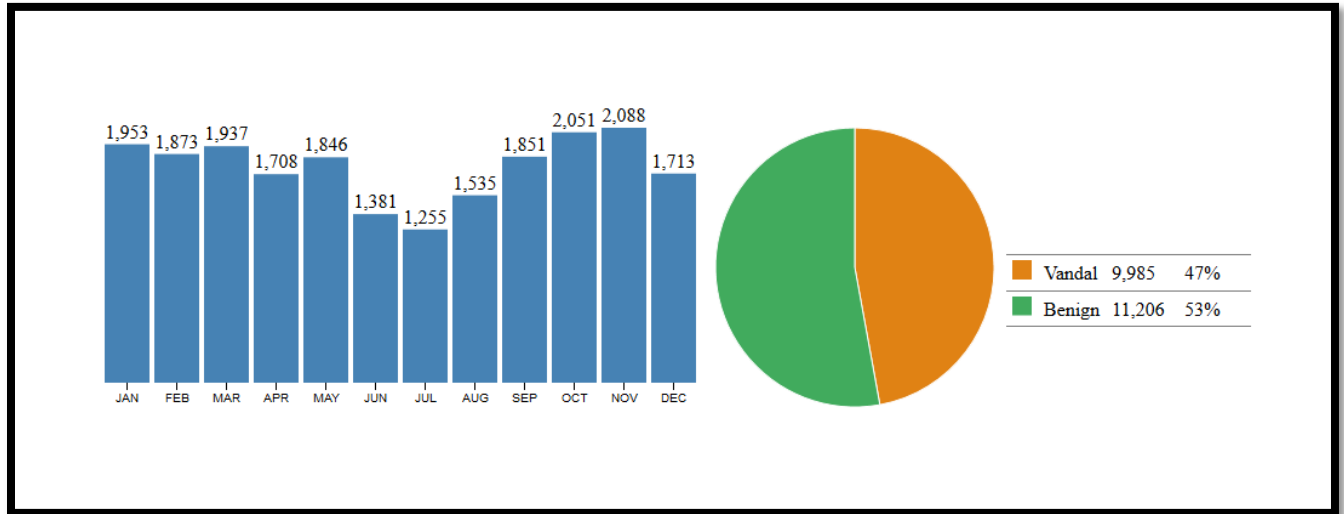
Department of Computer Science

Submitted in partial fulfillment of the requirements for the course

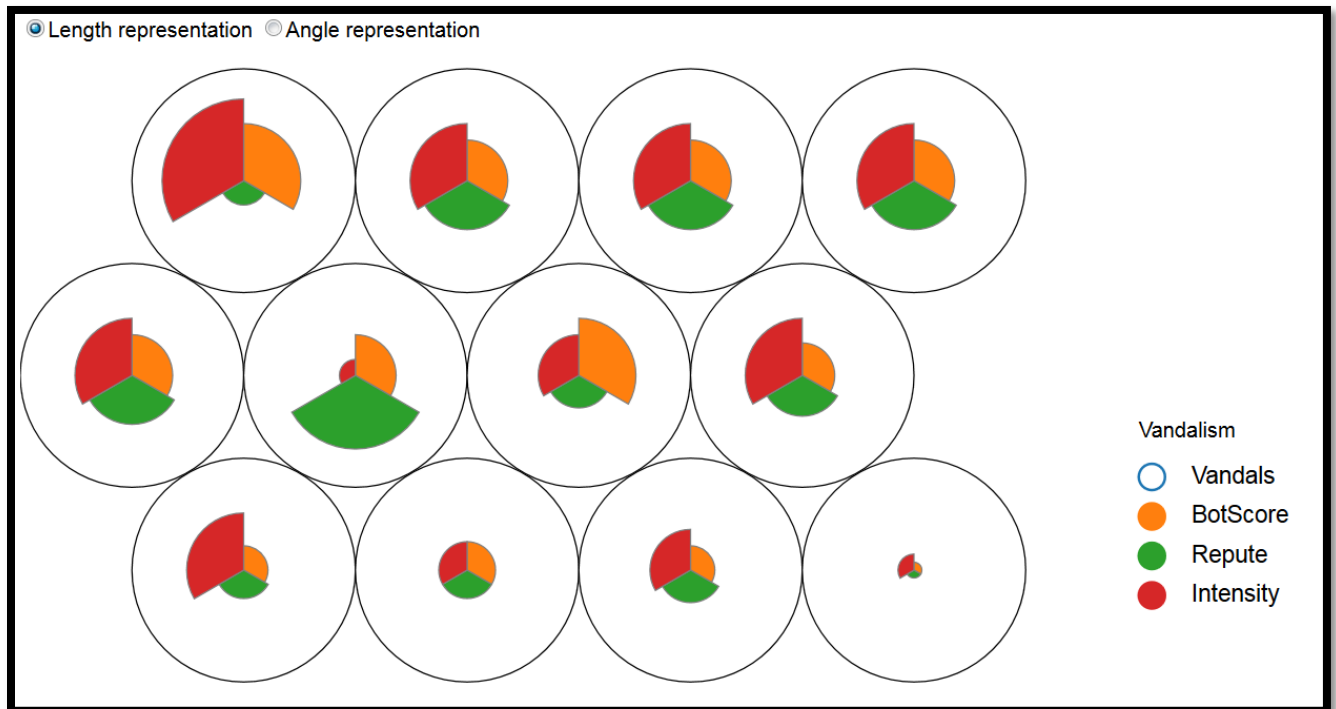
Visualization & Visual Communication by Dr. Aidong Lu

We chose Wikipedia Vandalism dataset and used 4 methods to visualize the data:

1. Bar & Pie chart visualization: Bars represent months Jan 2013 to Dec 2013 with a pie chart representing number of benign and vandal users for each month.



2. Cluster purity visualization: Each cluster represents three attributes of data namely bot score, reputation and intensity of users in each month. Intensity signifies the average vandalism in that particular month which is calculated by bot score which was mentioned in the database (refer the database readme file for details). Reputation is a score in database, it signifies average reputation of users in a particular month.



3. Bubble visualization: Each bubble size is proportional the number of times each web page was edited. Largest bubble signifies the web page being edited the most during that period of study and the smallest bubble signifies

Image1 has data about all web pages, and none of them is visible, so we decided to take top 100 webpage only.



